

Centenary

2012-13
CATALOGUE

Centenary College of Louisiana

Undergraduate Catalogue

2012-2013



Centenary College is an equal opportunity educational institution. The College does not discriminate on the basis of race, color, creed, national or ethnic origin, religion, gender, age, marital status, disability, or sexual orientation, in the administration of its educational policies, recruitment or admission of students, scholarship, grant or loan programs, athletic or other College-administered programs, employment procedures, training programs, promotion policies or other related personnel practices. The College's designated coordinator for compliance with Section 504 of the Rehabilitation Act of 1973, Title IX of the Educational Amendments of 1972 and the Internal Revenue Service is Mr. William Ballard. The College follows the guidelines for records established by the Family Educational Rights and Privacy Act (1974).

Welcome to Centenary College



Dear Student,

What will people be saying about you 100 years from now?

Will there be a local park named for you where children's imaginations transport them to playful places of awe, adventure and intrigue? Will a father be telling his daughter stories about challenges you endured and the obstacles you overcame? Will the stock market ticker play host to the symbol of a company you founded? Will there be a second generation of healthy, economically empowered global citizens in a part of the world we today think of as developing because of your work? What will people say about you?

I ask this not to focus your attention on your reputation, but on your legacy - the difference you will make. You would not be educating yourself as a member of the Centenary family if you did not already place others above self, service above success, exploration and learning above knowing. You will make a difference.

This catalog is a pathway to your legacy. In it are the windows to the insights you crave, the doors to the opportunities you seek. Take full advantage of the treasures marked on this map. Allow the faculty, staff and even the president to serve as your guide, and let us be the wind in your sails.

Share with us your ideas. We want to deepen your passion, amplify your strengths and give you the pen and paper you need to author your legacy.

What will people say about you 100 years from now? Start answering that question today.

Take Care,

A handwritten signature in black ink that reads "David Rowe".

B. David Rowe
President

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Academic Calendar 2012-2013

FALL SEMESTER 2012

Late registration for new students		Thursday-Friday	August 16-17
Class work begins	8:00 a.m.	Monday	August 20
President's Convocation*	11:00 a.m.	Tuesday	August 21
Last day for enrolling, adding courses or changing sections	4:30 p.m.	Tuesday	August 28
Labor Day Holiday		Monday	September 3
Last day for removing incomplete grades from preceding Spring, Module, Summer	4:30 p.m.	Friday	September 28
Mid-semester grades due	Noon	Wednesday	October 10
Fall Break begins	8:00 p.m.	Wednesday	October 10
Classes resume	8:00 a.m.	Monday	October 15
Last day for dropping courses or changing enrollment status	4:30 p.m.	Friday	October 26
Homecoming/Parents and Family Weekend		Wednesday-Sunday	Oct. 31-Nov. 4
Thanksgiving Recess begins	4:00 p.m.	Friday	November 16
Classes resume	8:00 a.m.	Monday	November 26
Preparation Week		Monday-Sunday	December 3-9
Class work ends	4:00 p.m.	Friday	December 7
Semester exams		Monday-Friday	December 10-14
Final grades due	Noon	Tuesday	December 18

SPRING SEMESTER 2013

Class work begins	8:00 a.m.	Monday	January 7
New student registration	8:30 a.m.	Monday	January 7
Last day for enrolling, adding courses, or changing sections	4:30 p.m.	Tuesday	January 15
MLK Day Holiday		Monday	January 21
Mardi Gras Holiday begins	4:00 p.m.	Friday	February 8
Classes resume	1:00 p.m.	Wednesday	February 13
Founders' Day**	9:45 a.m.-1:00 p.m.	Thursday	February 21
Last day for removing incomplete grades from preceding semester	Noon	Friday	February 22
Mid-semester grades due	Noon	Wednesday	March 6
Last day for dropping courses or changing enrollment status	4:30 p.m.	Wednesday	March 20

Spring Break begins	4:00 p.m.	Friday	March 22
Classes resume	8:00 a.m.	Monday	April 1
Student Research Forum I		Friday	April 12
Honors Convocation	6:00 p.m.	Wednesday	April 17
Student Research Forum II		Friday	April 19
Preparation Week		Monday-Sunday	April 22-April 28
Class work ends	4:00 p.m.	Friday	April 26
Semester exams		Monday-Friday	April 29-May 3
Final grades due for graduating seniors	Noon	Tuesday	April 30
Baccalaureate and Commencement	10:30 a.m.	Saturday	May 4
Final grades due	Noon	Tuesday	May 7

MODULE 2013

Module start dates Sunday, May 5 or later

SUMMER 2013

Class work begins	8:00 a.m.	Wednesday	June 5
Class work ends	5:00 p.m.	Friday	June 28

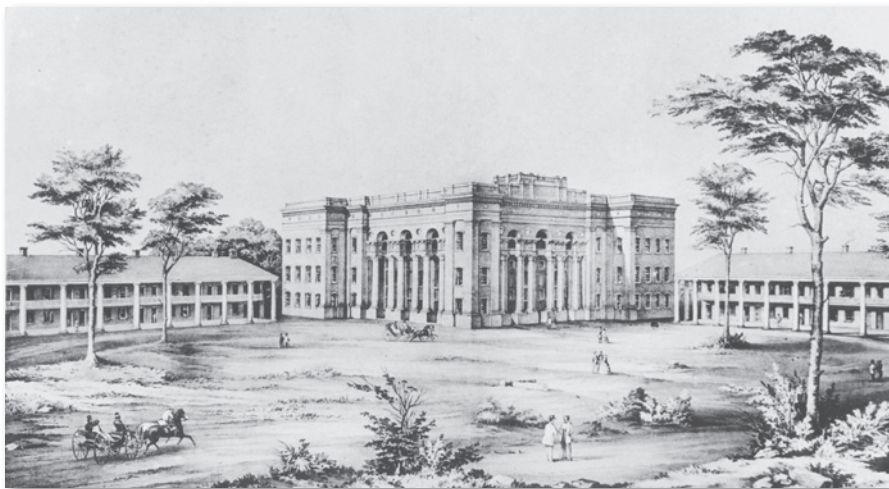
*President's Convocation – The 9:45–11:00 a.m. classes need to be dismissed no later than 10:30 a.m. Start of the 12:30 p.m.–1:50 p.m. class postponed until 12:45 p.m.

**Founders' Day – The 9:45 a.m.–11:00 a.m. class cancelled. Start of the 12:30 p.m.–1:50 p.m. class postponed until 12:45 p.m.

The Centenary Experience

History

Centenary College of Louisiana traces its origins to two earlier institutions — one public, one private. In 1825, the State of Louisiana founded the College of Louisiana in Jackson. In 1839, the Methodist conference of Mississippi and Louisiana established Centenary College to celebrate the one hundredth anniversary of John Wesley's first organization of the Methodist Societies in England. This institution opened its doors in Clinton, Mississippi and in 1840 moved to Brandon Springs. In 1845, it purchased the College of Louisiana, and the merged entity moved to Jackson as Centenary College of Louisiana. In 1908, after accepting generous gifts of land from the Atkins family, the Louisiana Methodist Conference relocated the college to its present home in Shreveport.



From its beginning, Centenary has offered its student body, which included women after 1895, a comprehensive liberal education in the arts and sciences. On this foundation, the College has since developed a wide array of pre-professional and a limited number of graduate programs.

Purpose

Centenary is a selective liberal arts college offering undergraduate programs and limited number of graduate programs in the arts, humanities, natural sciences, and social sciences, which strengthen the foundation for students' personal lives and career goals. Students and faculty work together to build a community focused on ethical and intellectual development, respect and concern for human and spiritual values, and the joy of creativity and discovery.

Consistent with its affiliation with the United Methodist Church, the College encourages a lifelong dedication not only to learning but also to serving others. It strives to overcome ignorance and intolerance; to examine ideas critically; to provide an understanding of the forces that have influenced the past, drive the present, and shape the future; and to cultivate integrity, intellectual and moral courage, responsibility, fairness, and compassion.

In pursuit of these ideals, the College challenges its students throughout their education to write and speak clearly; to read, listen, and think critically; to comprehend, interpret, and synthesize ideas; to analyze information qualitatively and quantitatively; to appreciate the diversity of human cultures; to respect the value of artistic expression; and to recognize the importance of a healthy mind and body and the interdependence of people and the environment.

Academic and co-curricular programs, as well as the example of those who teach and work at Centenary, support students in their development and encourage them to become leaders in the work place, the community, the nation, and the world at large.

Accreditation

Centenary College of Louisiana is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelors' and masters' degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Centenary College of Louisiana.¹

Faculty

With a student/professor ratio of twelve to one, the classes at Centenary range in size from thirty students in popular introductory courses to six or ten students in junior and senior seminars.

Centenary College is especially and justly proud of its faculty, many of whom are nationally and internationally known authorities in their fields of study. Over two-thirds of the faculty hold terminal degrees. Thirteen have the honor of membership in Omicron Delta Kappa.

Within the past decade Centenary professors have been awarded an impressive number of research fellowships and study grants by the American Council of Learned Societies, the American Philosophical Society, the Henry E. Huntington Library, the National Science Foundation, and the National Endowment for the Humanities. (There have been fifteen NEH awards to Centenary professors.) During that same period, Centenary faculty members have also been honored as Danforth Associates, Fulbright lecturers, national officers in professional

¹ Also, the College maintains membership in the American Council on Education, the Association of American Colleges and Universities, American Association of Collegiate Registrars and Admissions Officers, the American Association of University Women, the Conference of Louisiana Colleges and Universities, the Council for Advancement and Support of Education, the Institute of International Education, the Louisiana Academy of Science, the Association of Departments of English of the Modern Language Association, the Association of Departments of Foreign Languages of the Modern Language Association, the National Association of Schools and Colleges of The United Methodist Church, the Associated Colleges of the South, and the Louisiana Association of Independent Colleges and Universities. Centenary College is a participant in the Common Application Program. The music program is accredited by the National Association of Schools of Music.

associations, and visiting professors in American and European universities.

Shreveport Area

Shreveport is located on the west bank of the Red River in Northwest Louisiana. The metropolitan area has a population in excess of 300,000 and forms the geographical, cultural, and economic center of the region known as the Ark-La-Tex.

The climate of the area features pleasant spring and fall temperatures, consistently warm summers and mild winters, with cold periods of short duration. The average annual temperature is 66° Fahrenheit. Residents enjoy outdoor sports and recreation throughout the year.

The Shreveport area is a major producer of oil and natural gas. Another important part of the local economy is Barksdale Air Force Base, home of the 2nd Bomb Wing, 917th Wing, Headquarters 8th Air Force and Headquarters Air Force Global Strike Command. The city is a regional health center, including a state medical center, school of medicine and allied health, and many general hospitals.

Centenary College and members of the Shreveport community enjoy joint participation in cultural events. Opportunities in theater, musical events, opera, dance, and the visual arts are offered on and off campus.

Academic Buildings and Facilities

The over sixty-five-acre campus of Centenary College, two miles south of downtown Shreveport, is widely known for its natural beauty and stately Georgian architecture.

Campus Buildings and Gardens

The Anderson Choral Building, dedicated in 2002, is named in memory of G. M. “Jake” and Dr. Gertie Anderson, longtime trustees and benefactors of the College. It includes the Nancy Mikell Carruth Choir Room, the Dr. Alberta E. Broyles Choral Room and the Harvey and Alberta Broyles Choral Lounge. The building also includes a soundproof practice room and an atrium/lobby that offers a dramatic public space that will serve the existing and future arts complex.

Brown Memorial Chapel. The College chapel was erected in 1955, through the generosity of the late Paul M. Brown, Jr., Chairman Emeritus of the Board of Trustees, and his brother, Colonel S. Perry Brown, a life member of the Board, in honor of their parents. The Chapel was renovated and rededicated in January 2003.

Bynum Memorial Commons, the cafeteria, built in 1956, was named in 1974 to honor Robert Jesse Bynum, New Orleans businessman and benefactor of the College. A generous grant from the Frost Foundation funded a 2006 renovation of the entire building, including the Edwin Frost Whited Room and the Centenary Alumni Hall of Fame.

Centenary Square was added to the campus in 1998. It houses the Departments of Education and Psychology, Department of Public Safety, and nonprofit organizations.

The Pierce Cline Residence Hall was named for the 29th President of Centenary. It opened in 1963 and houses 200 students.

Crumley Memorial Gardens. These beautifully landscaped gardens, where azaleas bloom each spring, were a 1954 gift of the late Howard Crumley and Mrs. Crumley in memory of their son, David Howard Crumley.

The Feazel Instrumental Hall, dedicated in 2002, is named in memory of Cynthia Day Feazel and Lallage Feazel Wall. It is designed to allow tuning of the 3,000-foot oval-shaped space for various rehearsal and performance requirements.

Frost Memorial Fountain and Rose Garden. This lovely garden, in front of the Student Union Building, was a gift (1954) of Edwin Frost Whited in memory of his grandfather, Edwin Ambrose Frost.

The Gold Dome. Completed in 1971, this excellent physical education facility with the geodesic dome serves as the home basketball and volleyball court and gymnastics arena for the Centenary Gentlemen and Ladies. It also houses the Donnie R. Willhite Media Room.

Hamilton Hall, the administration building, also completed in 1971, was largely the result of gifts by the late Mr. and Mrs. David Philip Hamilton. Mrs. Hamilton was a trustee of the College and a member of the first Centenary class to graduate in Shreveport.

The John A. Hardin Memorial Residence Hall opened in 1958 for 68 women residents; its name honors a former dean and professor of mathematics at Centenary.

The Jones-Rice Intramural Field, lighted and dedicated in 2000, was a gift of James Marshall Jones, Jr. and Marshall Carl Rice in memory of their grandfathers, Marshall Carl Jones and Alexander Rice. Also contributing were the Spring 2000 Human Relations Class, the John H. Meldrum, Jr. Family and Samuel P. Peters, Jr.

The Hargrove Memorial Amphitheatre was a gift of Mrs. R. H. Hargrove and her children and was built in memory of her husband, Mr. Reginald H. Hargrove. It is used for convocations, plays, and concerts.



The Centenary Fitness Center and Natatorium was completed in November 2000. The Center expands the W.A. Haynes Memorial Gymnasium, which was built in 1936; its name honors a Shreveport oilman who was a generous benefactor of Centenary programs of the 1920s and 30s. In 1985, the gymnasium was renovated through gifts from friends of the College. The former Haynes Gymnasium was renamed the W.A. Haynes Memorial Courts. There is also a W.A. Haynes Memorial Conference Room.

The Hodges Rose Garden. In 1983, through gifts from Mr. and Mrs. G. W. James, this garden was constructed and endowed in the memory of Mrs. Addie Reynolds Hodges and Mrs. Maggie Hodges James, the grandmother and mother of the donors. This beautiful garden has over 20 different types of plants and provides a peaceful setting for study and relaxation.

The Ed E. Hurley Memorial Music Building and the *Gladys Hurley School of Music* honor the memory of the late Mr. and Mrs. Hurley, long-time patrons of the College. The Gladys Hurley Memorial Music Library was constructed in 1990. The Anderson Auditorium, formerly the Hurley Recital Hall, was substantially renovated in 2002 and named in honor of Chairman of the Board of Trustees William G. Anderson and Mrs. Anderson and Mr. and Mrs. Henry Feazel Anderson.

Jackson Hall. The present structure was erected in 1941 on the site of the first Jackson Hall (1908), both named for the original location of the College in Jackson, La. It was completely remodeled in 1988 with a grant from the Frost Foundation and gifts from individual donors to furnish and endow the rooms. A computer laboratory was installed in 1994.

The T. L. James Residence Hall. This dormitory was a gift of the T. L. James family of Ruston, La.

The Marjorie Lyons Playhouse, one of the most beautiful and well-equipped college theatres, was a 1958 gift of trustee Charlton H. Lyons and his family.

The John F. Magale Memorial Library, academic heart of the College, was named for John Magale, a Shreveport oilman and major contributor to the College during his lifetime. It also includes the Donald A. Webb Seminar Room, named in 2002 in honor of the former Centenary President from 1977-91.

The Lewis E. Mayo III Soccer Field, dedicated in 2002, is named in memory of the Houston, Texas firefighter who died in the line of duty in 2000.

The Meadows Museum of Art. In 1976, through a gift of the late Algur H. Meadows, an alumnus, this building, which housed administrative offices from 1925-71, was transformed into a lovely art center; on permanent display in it is the Jean Despujols Collection of Indochinese Art.

The Joe J. Mickle Hall of Science. The late Joe J. Mickle was President of Centenary from 1945-1964. The science building was completed in 1950 and named for him in 1964. Located in this facility are the Barrow physics laboratories, and the Ken and Celia Carlile Auditorium, renovated and dedicated in 2001 in memory of Geology Professor Dr. Austin A. Sartin. W. Russell Barrow furnished the laboratories in honor of his mother, the late Addie Johnson Barrow. In addition, Mr. and Mrs. George Wray were major contributors to the establishment of the building.

The Randle T. Moore Student Union Building ("SUB") was built in two stages: the first, in 1938; the second, in 1958, with the generous support of the benefactor whose name it bears. During the summer of 2005, the SUB underwent major renovations as a result of significant grants and gifts from the Booth-Bricker Fund, Frost Foundation, Grayson Foundation, and Schlieder Education Foundation.

The Ratcliff Gazebo, a historic Shreveport landmark formerly located at Kings Highway and Fairfield, was donated by Jack Bailey, Jr. in memory of his mother, Mrs. Virta Moore Bailey of the Class of 1937. It was dedicated in 2002.

The Samuel P. Peters Building, constructed in 1990, houses the Office of Admissions as well as the Jack London Museum and additional memorabilia donated in honor of Centenary alumnus William Corrington. The second floor, completed in 2002, houses the offices of Artist-in-Residence William Joyce. The building was made possible by a gift from Sam Peters, 1939 alumnus and trustee.

The Rotary Hall Suites, built with assistance from the Rotary Club of Shreveport in 1930, was remodeled in 1954, and again in 1965. It was completely gutted and remodeled in 1997 to become an apartment-style complex with single room lofts and suites, each with kitchenettes.

The George S. Sexton Memorial Residence, housing 189 students, was built in 1960 and named for the man who served as President of Centenary from 1922-32.

The W. Peyton Shebee, Jr. Memorial Baseball Stadium was dedicated in 2001 and named in honor of the longtime Centenary benefactor and supporter of the athletic program.

The Dean R. E. Smith Building. The Louisiana Conference of The United Methodist Church funded this building in 1961 and named it for the late Dean R. E. Smith, Centenary professor of Biblical literature for 29 years. It contains the Nellie P. Kilpatrick Auditorium, in memory of the distinguished lady who was named Honored Trustee by act of the Board of Trustees.

The Sydney R. Turner Art Center, completed in 1987, houses the faculty and programs of the Department of Art and Visual Culture. The Center has up-to-date classrooms, studio and gallery facilities. It was made possible by a gift from Centenary alumnus Sydney R. Turner of Los Angeles, Calif.

The Irene K. Wright Math Building is named in memory of a 1938 graduate who would have dropped out of college had it not been for the efforts of a caring mathematics professor, Mr. Gerard Banks. In gratitude, Mrs. Wright made a generous estate gift to the College, enabling Centenary to purchase the building and remodel it for the Department of Mathematics.

Life on Campus

The Student Life Division is composed of the Dean of Students Office, Student Involvement, Recreational Sports and Intramurals, Residence Life and Housing, Counseling Services, Health Services, and Career Services all designed to provide a rich assortment of co-curricular activities for Centenary students. Located in the Student Union Building, the Student Life Office is a place where students can come with their suggestions or to seek advice and guidance.

The Student Life Staff are available to provide service and support for students which enhances learning and continued personal growth. Students are encouraged to address problems, concerns, complaints, or recommendations to any member of the staff. Student Involvement and Residence Life and Housing are also located in the Student Union Building. Counseling Services, Career Services and Health Services are located in Rotary Hall. Recreational Sports and Intramurals are located in the Centenary Fitness Center.

Student Involvement Office

The Student Involvement Office provides students with many opportunities to get involved in activities, programs, and services at Centenary College. The office serves as a resource center for information about campus activities, as well as student organizations. The Student Involvement Office is located in the lower level of the Student Union Building (SUB).

Residential Living at Centenary College

The environment in the residence halls is one of living and learning. A vital part of the student's total educational experiences are the relationships that develop from living and sharing with others in the residence halls. Residential students participate in making decisions affecting their environment and are assisted by the Residence Life staff who work in unison with the students to maintain an environment conducive to academic success and personal growth. Each of the residential rooms is furnished with beds, desks, bureaus, and closets, and is conveniently located to other areas of campus. Each building also offers study rooms, laundry facilities, cable television, phone services, internet access and lounges.

Each residential student must sign the Campus Housing Agreement. This agreement is binding for the entire academic year and states that the student will remain in residence for the duration of this agreement. Any release from this agreement is permitted only under the conditions of academic withdrawal, dismissal, verified medical reasons or other extreme extenuating circumstances, and only with the written approval of the Director of Residence Life. Any request for release must be submitted in writing to the Director of Residence Life and will be evaluated on a case-by-case basis in Centenary College's sole discretion. For more information regarding Residence Life and Housing, please go to the following page: centenary.edu/reslife.

Meals

All residential students are required to have a meal plan. There are several meal plan options available. The college meal program is under the direction of Sodexo Campus Services. Students on the board plan are provided meal service in the Dining Hall and at Randle's which is our retail location (including an Espresso Coffee Bar) in the Student Union Building. Hours of operation are posted at each location. With a recommendation from a physician, accompanied by a listing of specific dietary needs, special diets may be provided by the Director of Dining Services, who is also a Registered Dietitian. Requests for exemption from the meal plan must also begin with the Director of Dining Services.

Commuter students are not required to purchase a meal plan, however there is a Commuter Meal Plan option, or they may open a declining balance account.

Counseling Services

Counseling Services, located on the ground floor of Rotary Hall, is available to provide short-term confidential counseling for students. The Chaplain is also available to assist students with short-term needs. These sources are able to refer individuals to community resources and facilities when necessary. Call (318) 869-5466 for Counseling Services or the Chaplain at (318) 869-5157.



Disability Services for Students

Centenary assures students with disabilities equal opportunity to reach the same level of achievement as other students in the most integrated setting appropriate to the individual's needs. No qualified student shall be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination under any program or activity. Services for students with disabilities are coordinated through the Office of Counseling and Disability Services, located on the ground floor of Rotary Hall, phone number (318) 869-5466.

The Student Resource Center (SRC)

The purpose of the Student Resource Center (SRC) is to direct, enhance and coordinate the various resources that provide students with academic support. Designed to help all Centenary students improve their academic performance in a variety of subjects, SRC Tutors provide peer assistance in one-to-one and small group settings. In addition, the SRC provides study skill and effectiveness workshops and personal

sessions with students to create plans for improving their academic work. For more information about the SRC visit <http://www.centenary.edu/SRC>. You mail also email lrausche@centenary.edu.



Student Union Building

The Moore Student Union Building (SUB) is located in the center of campus. The main floor of the SUB houses the offices of Centenary Activities Board and the Student Government Association, as well as the College Store, and Randle's Place, the snack bar. The offices of Student Life, Student Involvement, and Residence Life and Housing, as well as the Post Office, are located in the lower level. The upper level provides space for the faculty lounge, offices for the student media, as well as the Student Senate meeting room.

The SUB offers a comfortable atmosphere for studying, relaxing, and visiting with friends. Ping Pong and Pool Equipment along with games are available. Gaming systems are available for check-out from the Information Center desk during open hours.

Student Government

Centenary College supports and encourages participation in student government. The officers and members of the Student Government Association are elected representatives of the entire student body. In addition to Student Government, appointed students serve as voting members on most committees of the college. The Student Government Association's Vice President for External Affairs makes these committee appointments. The College has delegated considerable authority to the Student Government Association, as well as to the Honor Court.

Health Services

Health Services is a walk-in clinic that provides first-aid services, over-the counter (OTC) medication, referrals to health professionals, and health promotion/education.

Health Services is concerned with the overall health of the college community and can assist you with questions or concerns about health care.

Part-Time Students: All part-time students are required to complete and provide the Proof of Immunization Compliance form which can be found on the Health Services website at centenary.edu/services/health.

Full-time Students: All full-time students are required to complete and provide the Report of Medical History and Immunization Records form. Proof of insurance (a copy of insurance card) must also be provided to Health Services. All forms can be found on the Health Services website at centenary.edu/services/health.

Insurance: Full-time students are automatically enrolled in a Student Accident and Health plan and are charged an annual fee. If a student does not want the Student Accident and Health plan, he/she must go online to complete the waiver form by the dates provided. Students with private medical insurance must provide a copy of their insurance card to Health Services.

Referrals: Students who desire professional health care will be offered assistance in locating providers within the area. Health Services can make referrals for physicians, dentists and mental health professionals.

The Honor System

All students are bound by the Honor System which is applicable to all academic work. The Honor Code is administered through an Honor Court composed of student justices who are elected through nominations from both faculty and students. The complete Honor Code is stated in the Honor Court Constitution contained in the *Centenary College Student Handbook*. The Honor System is based upon the premise that honor is fostered, not forced, and that it can be fostered only through the willing and earnest efforts of both faculty and students.

Career Services

The mission of Career Services is to help the students and alumni of the Centenary College of Louisiana identify and fulfill their career goals. Career Services serves as the bridge between the students' college experience and employment or graduate school, helping to apply what they have learned. By providing comprehensive resources, programs, and counseling on career development, internships, employment,

and graduate school, the staff assist students and alumni in making career decisions, connecting with employers, and attaining their life goals. The principles of service are:

- Value each individual as unique and part of a diverse and inclusive community.
- Provide undergraduates, graduate students and alumni with caring, customized service, individualized to meet the changing needs of students and the job market.
- Participate in a wide range of partnerships with employers, campus and local communities, and academic and administrative departments to enhance the development of students.
- Employ the best tools – both human and technological – to maximize the accessibility and effectiveness of our services.
- Maintain a collection of carefully selected resources both in the library and on-line.



Religious Life

Centenary College offers a variety of religious life opportunities coordinated through the Chaplain's office. Weekly religious life events are offered by the following: Stepping Stones, a non-denominational student led Christian praise and worship service; the United Methodist Student Movement; Baptist Collegiate Ministry; Canterbury House, the Episcopal Church on the Centenary campus; Muslim Student Organization; Catholic Student Organization and Fellowship of Christian Athletes. There are also a number of small group gatherings for Bible study and accountability on campus.

The Christian Leadership Center offers a special academic program for full-time Centenary students who wish to explore ways to integrate their vocational decision with their faith. More information on the Christian Leadership Center is available under "Academic Programs."

Brown Memorial Chapel is open daily from 7:30am-8:00pm for prayer and meditation. For more information regarding the individual organizations, please visit Centenary's Religious Life web page, www.centenary.edu/religiouslife. Or contact the Chaplain, Rev. Betsy Eaves at 318.869.5156 or chaplainsoffice@centenary.edu.

Library and Information Services

As you ascend the concrete steps of Magale Library, you enter a learning space constantly changing in shape and form, aided by a customer service oriented staff operating in an evolving educational environment. Onsite there are 100 computers with high-speed Internet access; wireless is available for laptops. There are vending machines, color printing for classes, study rooms, a multimedia movie room, DVDs/videos, scanners, a copier, comfort seating, large and small study group areas, a new book section, and computer classroom labs. Supplementing the core collection, Magale provides in-library and off-campus access to over 179,934 full-text journal resources and 326 online databases for research, plus an active Interlibrary Loan service. Librarian assistance is approximately 81 hours weekly, with nine faculty scholars having offices in Magale. Also located within the library is the Centenary College of Louisiana Archives and Special Collections. Its mission is to collect, preserve and make available the historic records of the College and the Louisiana Conference of the United Methodist Church.

Music

The Gladys F. Hurley School of Music provides opportunities for both music majors and non-majors to participate in campus musical organizations. Instrumentalists may audition for the Wind Ensemble, the Jazz Ensemble, the Hurley Chamber Orchestra, and various instrumental chamber groups. Vocalists may audition for the Centenary College Choir, Camerata Singers, and Opera Workshop. The School of Music serves as home to the Friends of Music Concert Series, and frequently hosts concerts by other groups, such as the Baroque Artists of Shreveport, the Shreveport Chamber Singers, and the Shreveport Symphony Chamber Orchestra. The international Nena Plant Wideman Piano Competition takes place at the Hurley School of Music each December.



Theatre

The versatile Marjorie Lyons Playhouse makes it possible for Centenary to present imaginative and artistic drama and to provide diversified and entertaining dance programs. The Rivertowne Players is the theatrical organization for students.

Film

The Centenary Film Society, a student-faculty group sponsored by the English Department, offers to the campus and the community a wide variety of classic and contemporary films. The Film Society offers narrative, experimental, animated, and documentary films weekly and Film Festivals monthly while the College is in session.

Special Events

Students enjoy guest lecturers and entertainers representing all the arts. All-campus dances, professional entertainment, all-campus revues, and all-campus weekends involve the entire community of the College.

Each year, through the Willson Lecture Series, outstanding lecturers in theology, philosophy, and education are brought to the campus. These guest lecturers are provided through the generosity of Dr. and Mrs. J. M. Willson of Floydada, Texas.

Centenary also participates in the Woodrow Wilson Visiting Fellows Program, which brings two distinguished lecturers a year to the campus. They spend a week meeting classes, dining with students and faculty, hosting informal sessions with students, and giving an address open to the public. Outstanding diplomats, journalists, corporation executives, and politicians have visited the College in this program.

The Media

Student talent and opinion find expression in *The Conglomerate Weekly*, the student newspaper, *Pandora*, a literary magazine, the *Yoncopin*, the yearbook, and in the French language newspaper, *Le Tintamarre*. Written and edited by students, these media are financed by student fees and advertising.

KSCL (91.3 FM) is the student-managed and operated radio station broadcasting 24 hours a day, 7 days a week. The station offers open format, educational, and French and Spanish language programs; Centenary College collegiate athletic events; and both local and international public service programming to the Shreveport/Bossier City metropolitan area. KSCL is a member and an outlet for Public Radio International and meets all requirements and regulations of the Federal Communications Commission governing non-commercial public radio stations.



Physical Fitness and Intramurals

Centenary provides a broad, general program of physical fitness. The Centenary Fitness Center and Natatorium opened in November of 2000. It is required for all participants to show a valid Centenary ID to enter. The center contains two short basketball courts, a 6 lane 25 yard swimming pool, an indoor track, an exercise area with weight machines and cardiovascular equipment, an aerobic room, a dance studio, and two racquetball courts. There is also a 52' climbing tower just outside the fitness center for students to challenge themselves on. The center also offers exercise classes, such as spinning, abs, yoga, and pilates.

Intramural activities are also offered through the fitness center. Some of the sports the students participate in are: flag football, bowling, outdoor soccer, volleyball, basketball, softball, racquetball, swimming, just to name a few.

Students are also given a chance to make extra money by working in the fitness center and officiating/refereeing intramural activities. If you would like to get involved in fitness center or intramural activities, stop by room 109 in the Centenary Fitness Center.

Varsity Athletics

Centenary sponsors seventeen varsity and four club level intercollegiate sports. Men's sports include baseball, basketball, cross country, cycling (club), fencing (club), golf, lacrosse, soccer, swimming, and tennis. Women's Sports include basketball, cross country, cycling (club), fencing (club), golf, gymnastics, soccer, softball, swimming, tennis, and volleyball. Centenary is a member of the National Collegiate Athletic Association (NCAA) and is currently in the process of reclassifying to Division III. The 2012-2013 academic year will be Centenary's first year of membership in the Southern Collegiate Athletic Conference (SCAC). The Southern Collegiate Athletic Conference is made up of schools across Texas, Louisiana, and Colorado and will provide great regional competition for our student-athletes.

Service and Departmental Organizations

Students may become more directly involved in campus life through participation in departmental clubs, honor societies and other campus organizations. Other opportunities for involvement include the Centenary Activities Board (CAB) and Student Government Association (SGA). All organizations are listed on the Centenary College website under Student Life in the Student Organizations section.

Greek Life

Greek social organizations at Centenary College are comprised of five national fraternities: Alpha Phi Alpha, Kappa Alpha, Kappa Sigma, Tau Kappa Epsilon, and Theta Chi; and two national sororities: Chi Omega and Zeta Tau Alpha. In addition to encouraging academic excellence, the Greek system provides opportunities to form lifelong friendships, develop leadership skills, and participate in community service projects and social activities.

The National Alumni Association

The mission of the Centenary College National Alumni Association is to foster among former students life long relationships with each other and the College that will encourage alumni to participate in and actively advance the mission of Centenary College of Louisiana.

The main goals of Alumni Relations are to keep former students connected to the College and to help them stay connected with each other.

Admission

Undergraduate

Centenary College offers admission to qualified applicants without regard to race, color, gender, age, disability, religion or national origin. The College seeks first-time and transfer students who possess a high degree of intellectual curiosity, competitive academic backgrounds, refined talents and skills, along with a serious commitment to the pursuit of a liberal arts education. Even though academic achievement and potential are important in the evaluation process, a student's character, maturity, originality, aptitude, determination, leadership skills, special interests and talents are also significant factors in evaluating candidates for admission and scholarship selection.

Prior to making the transition to Centenary, students should take college preparatory and advanced course work in high school. Most candidates for admission have participated in accelerated academic programs or have enrolled in additional academic units (when available). Applicants are strongly encouraged to complete a minimum number of units in certain academic subjects:

- 4 units of English
- 3 units of Math (algebra I and II, geometry, or equivalents)
- 3 units of social science
- 3 units of natural science (at least two with lab, when available)
- 2 units of foreign language (in the same language)

Requirements for Admission

Admission to Centenary is selective, with applicants being evaluated on strength of academic curriculum, trends in academic grades, standardized test score results (SAT I or ACT), letter(s) of recommendation, extracurricular activities, leadership experiences, and a personal essay. Priority consideration for admission and scholarship funding will be given to those students who submit an application by the posted deadline date.

With the exception of early admission applicants, all candidates for admission as full-time students are expected to have graduated from an accredited high school or have received their General Education Diploma (GED) prior to enrollment at Centenary. Applicants without these credentials are required to provide a transcript or thorough listing of subjects covered, and a reading list of texts may be required. The Admission Office reserves the right to request that these applicants submit additional standardized test scores and participate in a campus interview.

Application Procedures for First-Year Students

	APPLICATION DUE	NOTIFICATION SENT	DEPOSIT DUE
Early Action	December 1	January 15	May 1
Priority Application	February 15	March 15	May 1
Late Application	April 15	Rolling	Rolling

The Admission Office will only review a complete application, which consists of the following items:

1. A completed application;
2. A non-refundable \$30.00 application fee;
3. An official high school transcript (faxes, advisement and student copies are not official). (Note to Louisiana high school graduates: Centenary will request your seventh semester and final high school transcript from the Board of Regents and the Louisiana Department of Education's Student Transcript System upon receipt of a signed admission application.);
4. A copy of SAT I and/or ACT test results sent directly to Centenary, or scores reported on the official high school transcript (faxes and student copies are not official);
5. A response to the application essay or a graded writing sample;
6. At least one letter of recommendation from a teacher or counselor, but additional sources are also welcomed to provide further recommendations on the student's behalf.

The **Early Action** program is for students who have determined that Centenary is among their top choices. Applicants under Early Action must apply by December 1. Notification of the Admission Office's decision will be postmarked by January 15. Admitted students have until May 1 to submit a \$250 non-refundable enrollment deposit to reserve their spot in the class.

The **Priority Decision** program has a postmark deadline of February 15. Applicants meeting this Priority Decision application deadline will receive full consideration for admission and scholarships, while students submitting applications after this date will be reviewed on a space-available basis. Candidates in Priority Decision with complete applications will be notified of their status in mid-March. After admission decisions have been made, admitted applicants will be reviewed for scholarship and financial aid consideration. Students are encouraged to complete the FAFSA by February 15. Copies of this form can be obtained from the Financial Aid Office at the College. Students choosing to enroll at Centenary will be required to submit a \$250 non-refundable enrollment deposit along with the signed Candidate Reply Form by the May 1 postmark deadline to reserve their space in the entering class. This deposit will be credited to the student's account in the

Business Office.

All admitted applicants who submit enrollment deposits will be considered provisional students until a final, official high school transcript is received (mailed directly from the high school to Centenary), indicating high school graduation date. Admission to Centenary is conditional and can be rescinded by the College if a student experiences a significant decline in his/her academic performance in high school after having been admitted.

First-Year Candidates with College Credits

The Admission Office encourages high school students to enroll in a challenging curriculum. High school students participating in dual-enrollment, joint-enrollment, or concurrent enrollment programs with a local college or university may *be eligible* to transfer earned credit to Centenary, *using the following criteria*:

1. The course(s) must be similar in content to course(s) offered by Centenary;

2. A class grade of “C” or better must be earned;

3. Dual enrollment credit must be earned after the student completes the sophomore year of high school through an articulated agreement between the transcribing college and high school whereby the student has satisfied the state’s minimum college admission criteria, excluding “Open Admission;”

4. The college courses must be from an institution whose curriculum is consistent with the liberal arts tradition and must be equivalent to existing Centenary courses taught in academic disciplines offered at Centenary;

5. A maximum of 24 hours of dual-enrollment, joint-enrollment, or concurrent enrollment credits can transfer. These 24 hours are included in the maximum of 40 hours of non-traditional credits entering freshmen can earn toward a Centenary degree prior to matriculation;

6. Foreign language courses offered at Centenary cannot be transferred by dual enrollment. Centenary has placement exams to determine the awarding of credit for French and Spanish. Credit for these courses, thus, will not reduce the 24 maximum limit for a student;

7. An official transcript from the college must be submitted to Centenary, indicating all courses attempted and grades received.

Decisions on transferring credit for dual-enrollment, joint-enrollment, or concurrent enrollment programs rest solely with Centenary College and will be considered final upon matriculation.

Campus Visits and Personal Interviews

Prospective students and their families are encouraged to meet personally with a member of the Admission Staff, discuss financial aid, tour campus with a current student, meet with faculty about academic programs, and sit in on a class. Additionally, students may take advantage of our overnight program to more fully experience Centenary life.

Centenary’s Admission Office is open Monday through Friday from 8:00 a.m. to 4:30 p.m. Saturday morning visits are scheduled by appointment only.

Application Procedures for Transfer Students

	APPLICATION DUE	NOTIFICATION SENT	DEPOSIT DUE
Fall	April 1	Rolling	Rolling
Spring	December 1	Rolling	Rolling

A transfer student is one entering Centenary from another institution of higher learning and candidates must be academically eligible to return to their previous institutions. The Admission Office will consider the curriculum chosen, grade point average earned, and the competitive nature of the institution from which the student is transferring. Students who have been subject to probation or suspension at a previous school will automatically be reviewed by the Admission Subcommittee of the Enrollment Policy Committee.

Centenary notifies students of their status within 2 weeks after an application is complete.

Fall Semester: Priority consideration for admission and financial aid will be given to transfer students applying prior to April 1. Applications received after this date will be reviewed, admitted, and packaged as space and funds are available. To be considered for all types of financial assistance, students are encouraged to complete the FAFSA. Copies of this form can be obtained from the Financial Aid Office at the College. The late application deadline date for fall semester is August 1.

Spring Semester: Applications are due no later than December 1, and Centenary notifies students of their status as soon as possible.

The Admission Office will only review a complete transfer application, which consists of the following items:

1. A completed application;
2. A non-refundable \$30.00 application fee;
3. An official high school transcript mailed directly from the high school that indicates graduation date (faxes, advisement and student copies are not official);
4. An official college transcript mailed directly from each college attended;



5. A brief written statement of intent, indicating a description of past college-level work, reasons for transfer, future academic goals (including major), and a discussion of how Centenary will further those goals;
6. A copy of SAT I and/or ACT test results sent directly to Centenary, or scores reported on the official high school transcript (faxes and student copies are not official). *This requirement may be waived if a student has more than 30 transferable hours or has reached his/her 25th birthday.*
7. At least one letter of recommendation from a college professor or advisor, but additional sources are also welcomed to provide further recommendations on the student's behalf.

All admitted applicants who submit enrollment deposits will be considered provisional students until final official college transcripts from all colleges attended are received (mailed directly from the college to Centenary). Admission to Centenary is conditional and can be rescinded by the College if a student's final official college transcripts show significant differences when compared to the transcripts submitted for admission.

The following policies will apply to all students entering Centenary as transfer applicants:

1. Credit may be transferred only from other accredited colleges and universities in which a grade of "C" or better (or a "P") has been earned, and only for courses in academic disciplines offered at Centenary. Some courses not regarded as college-level (such as remedial course work) or as consistent with the liberal arts tradition may not be transferred or credited towards a degree. Grades from other institutions are not transferred, and cumulative averages are calculated only on work done at Centenary except for the calculation of graduation honors and rank in graduation class;
2. Electronic and distance learning courses will be treated as regular courses if under the direct supervision of Centenary faculty, the appropriate contact hours for faculty and student interaction are maintained, and these courses are administered within the regular semester or module structure. These criteria will also be applied to evaluate credit sought for distance learning from other colleges;
3. After earning sixty-four (64) transferable semester hours at a two-year post-secondary college, a student may not take additional work at a two-year college and have it apply toward a degree from Centenary;
4. A student must complete all college, major, and supportive requirements to obtain a Centenary degree;
5. A formal evaluation of transferable credit will not be made until all official transcripts or records for all college work attempted have been submitted, and the student has been admitted and has paid the necessary admission fees and enrollment deposit;
6. Transfer students who have completed an equivalent course to Centenary's English 101 will be exempt from taking English 101. Students enrolling at Centenary who have transferred 27 hours or more that include two semesters of English will not have to participate in the FYE program.

Application Procedures for International Students

International applicants are candidates for admission who are not citizens of the United States and who do not possess a permanent resident visa. International student applicants must submit all of the documents required for admission by the date listed on the International Student Admission webpage. The College adopts as its official policy for international student admission the guidelines published by the American Association of Collegiate Registrars and Admissions Officers in its World Education Series.

The Admission Office will only review a complete international application, which consists of the following items:

1. A completed application;
 2. A response to one application essay question or a graded writing sample from school;
 3. Originals, or certified copies, of all high school or secondary school records and diplomas (faxes, advisement and student copies are not acceptable); any document not in English must be translated and evaluated by an international credentials evaluation service. Transfer students must also have an official college or university transcript mailed directly from each college or university attended.
 4. A supporting letter from a teacher, college professor or advisor;
 5. A completed Financial Aid and Certificate of Finances application;
 6. A clear, legible copy of the photo page of the passport; and
 7. One passport photo.
8. a. Students who are native speakers of English must submit official SAT I or ACT scores in lieu of English proficiency exam results. Official SAT I or ACT scores are those reported directly to Centenary College of Louisiana by the respective testing agency at the request of the applicant.
 - b. Students who are non-native speakers of English are required to submit official Test of English as a Foreign Language (TOEFL) or official International English Language Testing System (IELTS) scores. Official TOEFL and IELTS scores are those reported directly to Centenary College of Louisiana by the respective testing agency at the request of the applicant. The following minimum scores are required for admission: TOEFL: Paper-based test (550); Computer-based test (213); Internet-based test (79) IELTS: Each content area (6.0)

An applicant may request that the TOEFL or IELTS requirement be waived if she or he has met one of the following criteria:

- Attended the final two years of high school in the U.S., resulting in the attainment of a U.S. high school diploma; or
- Successfully completed 30 transferrable semester hours at a regionally accredited U.S. institution, including a minimum of 6 semester hours in English, excluding remedial English and English as a Second Language courses; or
- Earned an associate's degree from a regionally accredited U.S. institution.

9. The completed Report of Medical History and Physical Examination Form should be submitted no later than one month following submission of the application for admission. Late submission may jeopardize the ability of an admitted student to enroll in courses.

Application Procedures for Home-Schooled Students

All home-schooled students must submit the following before the Admission Office will review the candidacy:

1. Completed application;
2. A non-refundable \$30.00 application fee;
3. An official SAT or ACT score report from the reporting agency;
4. A response to the application essay;
5. A letter of recommendation from a member of the student's local community;
6. A transcript listing the courses taken and grades received;
7. An interview with a representative of the Admission Office.

Application Procedures for Part-Time Students

A part-time student is a person enrolled at Centenary who is degree-seeking and who is enrolled for less than twelve semester hours per term. Admission requirements, policies and deadlines are the same as those for full-time transfer or freshman applicants. Part-time students are not eligible for Centenary scholarships or grants, but federal financial aid programs may be available to eligible students who file the FAFSA.

Application Procedures for Special Students

A special student is defined as a person enrolled at Centenary on a non-degree-seeking basis. Applicants should submit the application for admission along with the application fee. High school and/or college transcripts may be requested of applicants wanting to enroll in upper-level classes. Non-degree students may enroll for courses without regard to graduation requirements but must meet all prerequisites for courses chosen. Financial aid is not available for non-degree-seeking students. Non-degree students may not represent the College in extracurricular activities.

Non-degree students wishing to apply for admission to a degree program at Centenary must reapply as a degree-seeking candidate, provide full academic credentials and meet admission requirements. Work completed at Centenary will weigh heavily in the evaluation of candidate's application for admission.

Application Procedures for Readmission

A student who has withdrawn from Centenary and who wishes to return must complete a special application form, which is available in the Office of Admission. Priority application deadlines are August 1 for the fall semester, December 1 for the spring semester, and June 1 for summer school.

1. An interview with an admission counselor is required of those who left not in good academic standing.
2. All re-admit applicants must submit a letter informing the Admission Office of his/her activities since leaving the College and why it is their wish to return;
3. Applicants must also supply a letter of recommendation from a professor at Centenary who previously taught them.
4. Students who are readmitted after leaving for academic reasons must complete an action plan developed by the Director of the Student Resource Center. Each student's action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.

Application Procedures for Visiting Students

Students enrolled at other colleges may take courses at Centenary in any semester or session, provided they are in good academic standing at the college where they are enrolled as regular students. A formal transfer application and a letter of good academic standing from the dean or registrar of the college must be submitted to the Admission Office. Visiting students must meet all course prerequisites before being allowed to enroll. No financial aid is available for visiting students.

Early Admission Guidelines

Gifted students completing their junior year in high school may apply to the College for admission as full-time students. Students entering under this early admission program begin their college-level studies early, but they do not receive their high school diplomas from Centenary. The admission requirements for early admission are stringent:

1. 3 units of English, 3 units of math, 2 units of natural science (with lab), 2 units of social science, and 2 units of foreign language (same language);
2. written recommendations from high school principal and guidance counselor, indicating potential for collegiate study and verification that the student will receive a high school diploma upon satisfactory completion of the freshman year at Centenary;
3. standardized test scores from the ACT (a minimum composite score of 26) or SAT I (a combined score of 1180 with a Critical Reading score of at least 600);
4. a minimum grade point average of 3.5 (on a 4.0 scale) or above in academic courses;
5. a written essay outlining the reasons for leaving high school early and outlining academic goals;

6. a personal interview with an Admission counselor;
7. application must be received by February 15 and will be reviewed as part of the Regular Decision process.

Concurrent Enrollment

Outstanding high school seniors who wish to take courses at Centenary while continuing work toward the high school diploma may apply for concurrent enrollment. The standards for admission to this program are the same as for early admission. High school credit for work done at Centenary may be granted only with the approval of the high school administration, and students should seek this approval prior to enrollment in Centenary classes.

High school students (rising juniors and seniors) may enroll in Summer Session courses for credit or on an audit basis, when approved by the Office of Admission as a non-degree-seeking student. All high school students will be asked to complete a brief application for admission, submit a recent copy of their high school transcript, and meet all prerequisites for the intended course work. A grade point average of "B", or 3.0 (on a 4.0 scale), in completed high school course work is required. Students will be limited to no more than six hours of course work per summer. Students will also be limited to enrolling in courses designated in the schedule as open to high school students. Those students enrolling in courses for credit will have the courses and grades posted on a Centenary transcript.

Students wishing to take courses on an audit basis will not receive a grade or academic credit. All students will be required to declare whether they are taking the class for credit or on an audit basis when the application is submitted for consideration. Admission to Centenary College on concurrent enrollment status or for Summer Session does not guarantee admission to Centenary as a full-time student after graduation from high school.

Advanced Placement

Centenary participates in the Advanced Placement program of the College Entrance Examination Board. Advanced Placement credit will not be given for scores below 3. Dual/joint/concurrent enrollment credits awarded to entering first-time degree-seeking freshmen, and credits by Advanced Placement and departmental examinations may not exceed a total of forty hours, no more than twenty-four of which may be from each category. The following departmental guidelines have been established for AP credit:

Department	A.P. Score	Credit Hours	Courses
Art History	4 or 5	4	ART 295 (elective only)
Biology	4	4	BIOL 101
	5	8	BIOL 101 and 4 credits of elective 295
Chemistry	4 or 5	8	CHEM 121, 122, 123, 124
Computer Science	4 or 5	4	CSC 207
Economics Micro	4	4	ECON 211
Economics Macro	4	4	ECON 212
English			
Literature & Comp	4 or 5	3	ENGL 102
Language & Comp	4 or 5	4	ENGL 101
Foreign Languages*	3	6-8	FLNG 101, 102
	4 or 5	12-14	FLNG 101, 102, 201, 202
European History	4 or 5	3	HIST 103
U.S. History	4 or 5	6	HIST 205, 206
Mathematics	4 or 5 AB Test	4	MATH 115
	4 or 5 BC Test	8	MATH 115, 201
Music	4	4	MUSIC 111; 121
	5	8	MUSIC 111-112; 121-122
Physics and Engineering**			
C Test	4 or 5 (mechanics)	4	PHYS 104, 114
	4 or 5 (electricity and magnetism)	4	PHYS 105, 115
Psychology	4 or 5	4	PSY 101
Sociology	4 or 5	4	SOC 101

International Baccalaureate

Centenary recognizes the International Baccalaureate program and awards credit for Higher Level examination scores of 5 or greater.

*Students with at least two years of a foreign language in high school or competence in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign language course or during the first week of classes. Students may receive up to 14 hours of credit (101, 102, 201, 202) for examinations in French, German, Latin, or Spanish administered by the Department of Ancient and Modern Languages during fall orientation.

**Only Advanced Placement TEST C will be accepted.



Expenses and Financial Aid

Centenary is a non-profit institution. The tuition, fees, and other charges paid by the student cover less than half the actual cost of the educational opportunity. The remainder of the cost is borne by income from endowments and from the generosity of friends of the College and The United Methodist Church. In this way, the cost to the student is kept at the lowest possible amount consistent with adequate facilities and superior instruction. An excellent program of financial aid is available to the worthy and needy students.

Basic Expenses for 2012-2013 Incoming Students Fall and Spring Semesters

Tuition\$14,750.00 per semester

Tuition applies to all registration in the normal full range of 12 to 18 hours and all graduating students, regardless of hours enrolled. Any registration for less or more than these limits is charged the tuition rate of \$880.00 per semester hour. The rate also applies to students in the evening classes offered by the College.

Residence Hall (double occupancy)Cline: \$2,100.00 per semester
James/Hardin/Sexton: \$2,400.00 per semester
Rotary: \$2,725.00 per semester

Single rooms may be available on an as-requested and space available basis. The rate for a requested single room will be 150% of the double room rate per semester. In rare cases of a student retaining the same room, and no roommate will occupy a portion of the room (a single room for 1 person and staying in the same room as the year before or having 2 people staying in a triple room that they had the year before), the student will pay the total as if they had a roommate (200% of the applicable double room cost for a single or 112.5% of the applicable double room cost for a triple).

¹**Board**\$2,260.00 (Full Meal Plan) per semester
\$1,680.00 (7-Meal Plan-Jr/Sr. Only) per semester
\$580.00 (50 Meal Plan-Commuter Only) per semester
\$100.00 (Declining Balance Meal Plan-Commuters Only) per semester

Module Expenses for 2013

¹**Board**\$285.00
¹**Room (double occupancy)**\$290.00
(single occupancy)\$365.00

Summer Expenses for 2013

Tuition\$350.00 per semester hour
¹**Board**\$435.00
¹**Room (double occupancy)**\$400.00
(single occupancy)\$500.00

Special Fees

The course offerings, rules, regulations and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its courses of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

Official transcripts are provided for a charge of \$5.00 per transcript..

New Student Fees (non-refundable) (Fall) \$250.00
..... (Spring) \$65.00
²Enrollment Change (per change)\$25.00
Identification Card Replacement\$25.00
Parking Fee for Residence Students (yearly)\$40.00
Parking Fee for Commuter Students (yearly)\$20.00
Change of Residence Hall Room\$25.00
(After the deadline date to add courses)
Return Check Fee.....\$40.00
³Late Financial Clearance Fee (Pre Purge)\$135.00
⁴Late Financial Clearance Fee (Post Purge).....\$300.00

¹ See housing form for more details on board plans and special daily room rates

² No charge first 7 days of classes of a semester

³ Students who complete Financial Clearance between the 1st thru 4th class day of a semester will be charged a pre-purge fee.

⁴ Students who complete Financial Clearance between the 5th thru 7th class day of a semester will be charged a post-purge fee in addition to the pre-purge fee.

Students who fail to complete Financial Clearance by the 4th class day of the semester will have their schedules purged which will require students to return to their advisor for rescheduling. Students may not expect professors to admit them to classes or hold spots in classes when they fail to go through Financial Clearance with the Business Office.

A nominal charge may be levied for off-campus courses in physical education such as bowling and golf. These charges will be paid by the student directly to the off-campus parties levying the charge.

The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately \$1,200.00.

Payment of Fees/Financial Clearance

Matriculation in the College is an implied contract by which the student accepts all regulations of the College, including those governing payment and refunds. Charges are made by the semester, and they are payable by the semester. Payment of semester charges, or arranging to pay them is a part of the registration process. The final step in the registration process is Financial Clearance. Financial Clearance is the payment of fees/charges along with completing and signing the "Financial Agreement" form. All students must complete a "Financial Agreement" form. Students who have a zero balance or credit balance because their charges are covered by financial aid, fee waiver, or other credits are still required to complete the "Financial Agreement" form. Failure to complete the Financial Clearance process will result in a \$135 to \$300 late fee. **Enrollment has not been completed until the student has completed "Financial Clearance" with the Business Office.**

Tuition and expense bills are sent to parents in early July for the fall semester, and early December for the spring semester. These bills contain tuition and related fees and reflect financial aid credits awarded. Students and parents/guardians are responsible for the balance owed after all credits are applied. The balance is payable in full prior to the start of each semester. Interim monthly bills are mailed to parents throughout each semester for incidental fees incurred. Before registration for the next semester, all past due balances must be paid in full or a "**HOLD**" will be placed on the student's account, which will prevent the student from registering. Students who are more than ten days delinquent in payment of any fees may be suspended from the College. **No transcripts will be issued until all financial obligations to the College have been met.** Delinquent account balances, which include Perkins Loan, will be turned over to a collection agency. All fees associated with the collection of the debts are the responsibility of the student.

There are several acceptable methods of payment:

1. Total semester costs (tuition, fees, and room and board, if applicable) are payable at the beginning of each semester.
2. Total tuition, room, board and fees for the year are divided into ten equal payments beginning in July and ending in April. There is a non-refundable charge of \$50.00 for this method of payment. Payments are due on or before the 15th of the month. *
(Ten-Month Payment Plan)
3. a. One half of the total fall semester cost (tuition, fees and room and board, if applicable) is due on or before August 17th and the remaining balance in three equal installments on September 1st, October 1st and November 1st. There is a non-refundable charge of \$50.00 for this method of payment. * **(Installment Plan)**
b. One half of the total spring semester cost (tuition, fees and room and board, if applicable) is due on or before January 2nd and the remaining balance in three equal installments on February 1st, March 1st and April 1st. There is a nonrefundable charge of \$50.00 for this method of payment. * **(Installment Plan)**
4. MasterCard/Visa/Discover/Cash/Checks/Money Orders may be used with any of the above payment options. (Payment received by credit card will be credited back to the same credit card, if a refund request is made for a credit balance.) International checks, not drawn on American banks, must be processed through our bank's collection department. The student will receive credit for the valued amount determined by the bank after collection fees are deducted.
5. **The College reserves the right to refuse personal checks of any student who previously has had two checks returned.** Each returned check is subject to a \$40 check processing fee. If the check is not replaced within seven days, a hold will be placed on the student's record.
6. a. For each summer session, the entire amount is payable upon registering, or
b. One half of the total summer session cost is due at registration and the remaining balance 10 days after beginning of session. There is a charge of \$20 for this latter method.*

The student must satisfy all financial obligations to the College in order to participate in the College commencement and baccalaureate ceremonies.

Withdrawals and Refunds

Failure to attend classes does not constitute a withdrawal. Official withdrawal is the date the student receives the approval of the Provost of the College to withdraw, and all institutional refunds are based on that date, regardless of the date of last attendance. In addition there are academic penalties for failure to complete the proper procedures.

Prior to obtaining a withdrawal form, students receiving financial aid should consult the Financial Aid Director. A withdrawal form, available at the office of the Provost of the College must be filed immediately by a student who withdraws from the College after he or she has registered for classes in a regular session, summer session, or module. The completed form bearing the proper signatures must be filed at the Office of the Registrar.

Fall and spring semester tuition and refundable fees are refunded if the student withdraws on or before the 7th class day of a semester. A service charge of \$25 will be made for withdrawal even if the student does not attend class. After the 7th class day, the following policy applies:

1. All fees are charged.
2. Between the 8th day of classes and the 3rd Friday after classes begin, 75% of tuition is refunded for withdrawals.
3. Between the 3rd Friday and 4th Friday after classes begin, 50% of the tuition is refunded for withdrawals.
4. After the 4th Friday of classes, no refunds are given for withdrawals, unless the student is a federal funds recipient.

- a. All students who resign from the College must submit written notice of resignation to the Registrar's Office.

If a student, who is disbursed Title IV financial assistance, withdraws or stops attending class on or before completing 60% of the semester in which the Title IV aid was disbursed, the following Return of Title IV Funds policy will be applied.

Centenary College of Louisiana will implement the federal Return of Title IV Funds policy per the Higher Education Act of 1998. This policy will apply to any student who receives Title IV aid and who officially or unofficially withdraws, drops out, or is expelled. Refer to the "Withdrawal from the College" section of the Centenary College catalog for requirements on officially withdrawing from school.

The amount of Title IV aid to be returned to the applicable federal programs will be determined, using the student's withdrawal date, by calculating the percentage of the enrollment period which the student did not complete. Scheduled breaks of five or more consecutive days are excluded. Centenary College will return the lesser of the total of unearned aid or an amount equal to institutional charges multiplied by the percentage of unearned aid. The College must return unearned funds within 45 days of the date of determination of the withdrawal date. The order of the return of funds is: Unsubsidized Federal Direct Loan, Subsidized Federal Direct Loan, Federal Perkins Loan, Federal PLUS Loan, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant. The student will be responsible for repaying any remaining unearned portion that was disbursed to them.

Failure to attend class or failure to resign properly could cause the student to receive a letter grade of "F" in all courses. In this case, the student would still be subject to the return of funds policy once an official withdrawal date is established. Merely discontinuing class attendance is not considered to be a formal resignation from the College. Students who were awarded financial assistance and who discontinue class attendance may be held responsible for repayment of all tuition and fees. Please refer to the "Class Attendance Regulations" section of the Centenary College catalog for requirements on class attendance.

If the student's portion of unearned Title IV funds is a loan, no action by the school is necessary. Regular loan terms and conditions apply. If student's portion of unearned Title IV funds is a federal grant, the student will be required to return no more than 50% of the amount received for the enrollment period.

- b. In the event of resignation, the Centenary College institutional refund policy will be applied and tuition will be reduced by that amount. The student may be liable for any Title IV funds disbursed to their account in excess of the amount allowed by federal regulations. The school will collect the portion of any assistance owed by the student. If no payment is received, holds will be placed on the student's account and the student will lose eligibility for Title IV aid unless the overpayment is paid in full or satisfactory repayment arrangements are made. After the institutional refund has been credited, any remaining amount will be returned to the student.
5. Students who are in the military reserves and who may be called to active duty and who are unable to complete the semester due to active duty call will be given credit for all monies paid during the semester. The credit will be applied after Centenary College receives documentation showing that the student has been called to military active duty. Loans incurred by the student during the semester such as Stafford Loans and Perkins Loan shall be returned to the lending institutions. When the student is released from active duty, the student will be required to re-enter Centenary College as soon as possible. All credits incurred during the student's absence will be applied toward their tuition costs when re-entering Centenary College.
6. Centenary College grants and scholarships are adjusted according to the student's withdrawal period: 100%, 75% or 50%. After the 4th Friday of classes, Centenary College grants and scholarship will not be adjusted.
7. A credit balance in a student's account will be refunded when a written request is submitted to the Business Office. Refunds will be made in the form of a refund check. Also note that, with the exception of Parent/PLUS loan, any credit balance will be refunded to the student regardless of who remitted the payment to the student account (e.g., parent, grandparent). If a Parent PLUS Loan overpays a student's account and a refund is requested, the refund check will be issued on the Parent PLUS Loan borrower's name unless the borrower requests otherwise.

Room and Board Refunds (All Semesters)*

1. Once the semester has begun, room fees are not refundable.
2. When a student withdraws from the College, board charges for that part of the semester that have not been used will be refunded regardless of the date of the official withdrawal.
3. No refund of board charges will be made if 1) the student subsequently moves to non-college operated housing, or 2) the student is evicted from the residence halls for disciplinary reasons.
4. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.
5. Students whose housing exemption requests are received and approved after the deadline stated on the Student/Residence Life web page will be charged a late fee.

*A monthly finance charge, equal to 1% of balance, may be added if payments are not received by the due dates listed above. The monthly payments must be \$50 or more.

*Any exception to this policy based on mitigating circumstances such as an accident or other extreme occurrences must have prior approval from the Dean of Student Life. Secondary approval can come from the Vice President of Finance and Administration or the President of the College. In all other instances, the regular refund policy shall apply.

Module Session Withdrawal and Refunds

Module session tuition is refunded if the student withdraws before the first day of classes. After the first day of classes, no refunds are given.

Summer Session Withdrawal and Refunds

Summer session tuition and refundable fees are refunded if the student withdraws on or before the first Friday of classes. A service charge of \$25 will be made for withdrawal even if the student does not attend class. After the first Friday of classes, no refunds are given.

Dropping Courses

Non-attendance of class does not constitute a drop. There will be no tuition or fee adjustments for dropping courses after the 7th day of classes while the student continues in other courses. The standing drop and add dates are waived for students studying overseas in a program administered by the College. Students should be aware, however, that they will be responsible for additional tuition charges should they be incurred by a late add and, further, that a late drop will not receive a tuition refund.

Financial Petition

Students requesting an exception to, or waiver of, financial regulations should complete a financial petition form. See the Business Office for financial petition forms and for information on what issues may or may not be petitioned.

Student Financial Aid

Financial Assistance

Centenary College offers financial aid to help students meet their educational expenses. Centenary's program is supported by Federal and State funds, as well as by the College's own resources.

At Centenary most assistance is awarded on the basis of financial need, but significant amounts are awarded on the basis of scholarship and talent. Application for scholarship begins with the admission application. The primary objective of the Office of Financial Aid, is to arrange for a grant, scholarship, loan, or employment, or a combination of these for which a student is eligible. Applicants should also submit the Free Application for Federal Student Aid (FAFSA) to determine the assistance for which the student is eligible.

Through generous gifts by friends of the College, a number of scholarships have been established and these funds are applied in accordance with the terms of each gift. Four-year academic scholarships are automatically renewed each year if the student has maintained the required grade point average. Other scholarships are awarded for one year but may be renewed if the student reapplies and continues to meet the specific guidelines.

Federal grants, loans and work are the only forms of financial assistance available for use in summer school. Centenary scholarships are not available in the summer.

Satisfactory academic progress is required to maintain eligibility for all aid programs. See the next section for the Satisfactory Academic Progress Guidelines.

Aid based upon financial need may not be awarded in excess of the amount the student needs for education expenses. No Centenary scholarship or grant, or combination of grants which includes one from Centenary, can exceed the comprehensive costs for resident students. Normally, none will exceed tuition and fees. If a student's need is greater than these limits, the need may be met with a loan or work award.

The person designated by Centenary to provide financial information to students is the Director of Financial Aid. The Financial Aid Office is located in Hamilton Hall, Room 132. Office hours are 8:00 to 4:30 Monday thru Friday. Appointments are suggested but not required. The telephone number is (318) 869-5137 or 1-800-234-4448.

To be considered for financial aid at Centenary College, a student must be accepted for admission to Centenary College and must submit the Free Application For Federal Student Aid (FAFSA) to the Department of Education; this form must be filed to be considered for a combination of federal and institutional aid.

When the student has been accepted for admission and the above steps completed, a student will be considered for all financial aid sources available at Centenary College. Priority will be given to students who have completed these steps and submitted all requested information by March 15 prior to the academic year for which aid is desired. After this date consideration will be on a "first come, first served" basis.



SPECIAL NOTE: All financial aid awards are made for just one year at a time. Returning students must complete the FAFSA each spring prior to the next academic year for which aid is desired.

Satisfactory Academic Progress Guidelines

A. Undergraduate—full-time. All full-time undergraduate students receiving financial aid are subject to the following minimum academic requirements. It should be noted, however, that undergraduate full-time students are expected to complete their degree programs in eight semesters.

Semesters Completed	1	2	3	4	5	6	7	8
Minimum No. of Credit Hours Completed	12	24	36	48	60	72	84	96
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0

NOTE: Transfer students (other than freshmen) must achieve a minimum 2.0 grade point average in their first semester at Centenary and thereafter meet the minimum academic requirements.

B. Undergraduate—part-time. Undergraduate part-time students receiving financial aid are expected to complete at least fifteen credit hours per academic year. These students may receive financial aid for twelve semesters.

Semesters Completed	1	2	3	4	5	6	7	8	9	10	11	12
Minimum No. of Credit Hours Completed	6	15	21	30	36	45	51	60	66	75	81	90
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

C. Graduate—Master of Arts in Teaching. In order to receive benefits under the Federal Direct Student Loan program, a graduate student must be enrolled in and complete at least six credit hours per semester (fall and spring terms) or three credit hours per summer session (for a total of six credit hours during the summer). These students may receive financial aid for six semesters.

D. Graduate—Master of Business Administration. In order to receive benefits under the Federal Direct Student Loan program, a graduate student must be enrolled in and complete at least one course per session. These students may receive aid for the equivalent three years.

E. Failure to maintain satisfactory progress. If, as a result of (1) poor grades; (2) course incompletes; and/or (3) withdrawals, a student fails to earn the minimum grade point average or the required number of credit hours, that student will be placed in a “warning” period for one semester. If at the end of that period, the student has not completed the necessary number of hours for the current semester enrolled with the minimum grade point average, then that student will no longer be eligible to receive financial aid. If the student does achieve the necessary hours and grade point average at the end of the “warning” semester, the student will continue to be eligible to receive financial aid.

F. Students who re-enroll at Centenary College after academic suspension will not be eligible for financial aid for that semester.

G. Students receiving academic scholarships must maintain a specific cumulative grade point average (GPA) designated for the scholarship. This GPA is monitored every semester. The first-semester freshman is given two semesters in which to achieve the necessary minimum cumulative GPA. If, after that point, the GPA dips below the minimum cumulative GPA for that particular scholarship, the student will be ineligible for the scholarship.

H. Appeals and reinstatement of financial aid eligibility. Students may have legitimate reasons for not maintaining satisfactory academic progress, not maintaining the necessary cumulative GPA for academic scholarships, or not completing their degrees in the number of semesters required. In these cases, students may petition the Scholarships and Financial Aid Committee to continue to receive financial aid and/or scholarships.

1. The student petition and the decision of the Committee will be in writing and will become a permanent part of the student’s file. The Committee will require a student to complete an action plan developed by the Director of the Student Resource Center as a condition for financial aid reinstatement. Each student’s action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.
2. In cases where no appeal is made or where the student petition is denied, the student will be ineligible for financial aid during the next semester enrolled.

Centenary College Grants and Scholarships

Centenary College Academic Scholarships: Nancy M. Christian, 1825 Scholar, President's, Dean's, Trustee's, Centenary Award, Transfer, PTK. Scholarships awarded to full-time students who demonstrate above average academic potential.

Hurley School of Music Scholarship. For students majoring in music or participating in one of the music ensembles. Recipients are selected by the School of Music after an audition.

Choir Scholarship. For members of the Centenary College Choir. Recipients are selected by the Director of the Choir.

Christian Leadership Center Scholarship. For students who are accepted into the Christian Leadership Center.

Talent Scholarships. Are available in Theatre, Dance, and Art. Please contact the appropriate person to schedule an audition or to present a portfolio.

Centenary College Grants. From the earnings of our endowment, we award renewable grants, which are "gifts" from the College that do not need to be repaid. Grant recipients must remain full-time students in good academic standing.

Faculty/Staff Dependent Grant. For dependents of eligible Centenary faculty and staff.

Methodist Minister's Dependent Grant. For full-time students who are dependents of a United Methodist minister.

Legacy Scholarship. For full-time students whose parent(s), siblings, or grandparents attended Centenary College.

Resident Assistant Grant. Stipend for selected upperclassmen.

Permanent Scholarships

2006 Communication Senior Class Annual Scholarship. For communication majors with financial need.

Acadiana District United Methodist Annual Scholarship. For students from the Baton Rouge-Lafayette District who are accepted into the Christian Leadership Center.

LeRoy and Marcia Ades Endowed Scholarship. For a student with financial need.

Gary E. Albright Endowed Scholarship. For students demonstrating financial need and scholastic promise.

Wes Alford Memorial Endowed Scholarship. For a member of the Centenary Choir.

Agnes A. Allen Endowed Scholarship. For a worthy student in the Christian Leadership Center.

James L. "Jim" Allen, Jr. Memorial Scholarship. Students in need of financial assistance.

Grace Mims Allums and Mary Mims Annual Scholarship. For an entering freshman who has demonstrated scholarship and Christian leadership.

Altrusa Club of Shreveport Endowed Scholarship. For a female student of outstanding ability in need of financial assistance who is a resident of Louisiana.

Alumni Classes of 1930-35 Endowed Scholarship. No restrictions.

Alumni Class of 1936 Golden Anniversary Endowed Scholarship. No restrictions.

Alumni Class of 1937 Golden Anniversary Endowed Scholarship. For a student in need of financial assistance.

Alumni Class of 1938 Golden Anniversary Endowed Scholarship. No restrictions.

Alumni Class of 1939 Golden Anniversary Endowed Scholarship. No restrictions.

Alumni Class of 1940 Golden Anniversary Endowed Scholarship. No restrictions.

Alumni Class of 1941 Golden Anniversary Endowed Scholarship. No restrictions.

Joseph and Gloria Anderson Endowed Scholarship. For students in the Christian Leadership Center in need of financial assistance.

William G. Anderson Endowed Scholarship. For students from Shreveport or Bossier City with financial need.

Will K. Address Endowed Scholarship. For members of the Centenary Choir.

Ark-La-Tex Drilling Association Endowed Scholarship. For an outstanding student majoring in Geology or Petroleum Land Management. A 3.0 GPA must be maintained.

Reverend Dr. Tracy R. Arnold Memorial Endowed Scholarship. For a student in music, with preference to a student planning a career in church music.

Atchley Family Endowed Scholarship. Students who demonstrate financial need and remain in good standing.

John B. Atkins, Jr. Memorial Endowed Scholarship. For a worthy student who maintains a B average.

Callie Avery Endowed Scholarship. For an outstanding Methodist ministerial student in need of financial assistance.

Azalea Estella Baird Memorial Endowed Scholarship. To aid students in art studies.

George O. Baird, Jr. Memorial Scholarship for Church Careers. For a needy and worthy student in the Christian Leadership Center.

William Russell Barrow Memorial Endowed Scholarship. Awarded to a Trustee Scholar.

M. L. Bath-Rotary International Endowed Scholarship. For a worthy foreign student who desires to study in this country.

Baton Rouge Alumni Annual Scholarship. To students with financial need and scholastic promise.

Baton Rouge District United Methodist Church Scholarship. For a student from the Baton Rouge/Hammond District of the UMC.

Susan R. Bauguss Endowed Scholarship. For deserving female students.

Dr. Fuller Warren and Mrs. Elmire Ann Bazer in Memory of Dr. Mary Wartens. For students studying biology.

Reverend and Mrs. James L. Beasley Endowed Scholarship. For a student in the Department of Religion who is a religious education major or ministerial student.

Luther and Marie Beene Vocal Scholarship. For students majoring in voice.

Paul and Myrtle Bender Memorial Scholarship. For an outstanding senior, or possibly a junior, majoring in one of the physical sciences or mathematics.

Louise H. Benoit Zeta Tau Alpha Chapter Annual Scholarship. For a Zeta in good academic standing with financial need.

Louise H. Benoit Zeta Tau Alpha Chapter Endowed Scholarship. For a Zeta in good academic standing with financial need.

Berg Mechanical Endowed Scholarship.

Biedenbarn Annual Scholarship. For outstanding students in the Christian Leadership Center.

John Henry and Mattie Hunt Blakemore Endowed Scholarship. No restrictions.

Mary Davidson and Alva Guy Blanchard Endowed Scholarship. No restrictions.

Henry and Marilyn Blount Endowed Scholarship. For a U.S. citizen with preference for a Louisiana native.

Boddie-Baker Memorial Endowed Scholarship. For a student in the Christian Leadership Center.

Luci Bond Scholarship For Performing Arts. For a student in music, theatre or dance.

John F. Bookout Endowed Scholarship. For students with financial need and scholastic promise.

Clayton J. Borne, Jr., Endowed Scholarship. For students majoring in Business Administration or Economics with financial need and scholastic promise.

Warren Williams Bourdier Endowed Scholarship. No restrictions.

Eugene and Juanita Brady Endowed Scholarship. For a student in need of financial assistance.

Joseph B. Bramlette Endowed Scholarship. For an outstanding student majoring in English.

Broadmoor UMC/BR Fellowship Class Annual Scholarship. First preference to a member of Broadmoor UMC in Baton Rouge. Second preference to a student preparing for Christian ministry.

Frederick Victor Brook Memorial Endowed Scholarship. No restrictions.

Alice Brown Endowed Scholarship.

Paul Marvin Brown, Jr. and Willie Cavett Brown Presidential Scholarship. For worthy students in need of financial assistance.

Shannon Brown Memorial Endowed Choir Scholarship. For a member of the Centenary Choir in need of financial assistance.

Former Employees of Brown-Roberts Endowed Scholarship. For a student in the Christian Leadership Center.

Harvey and Alberta Broyles Endowed Choir Scholarship. For members of the Centenary Choir.

Harvey Broyles Endowed Scholarship. For a student in need of financial assistance who works part-time during the semester.

Camille Young Bryan Endowed Scholarship.

Mary Lee Bryson and Eugene W. Bryson, Sr., Endowed Scholarship.

Eugene Bryson, Jr. and Charlotte Stodghill Bryson Endowed Scholarship. For students in education, business or pre-law.

Marion Murphy and Vera M. Buchanan Endowed Scholarship. No restrictions.

Burkhalter Endowed Presidential Scholarship. For a student majoring in geology.

Robert Buseick Theatre Scholarship. For a student majoring in theatre.

Barbara P. Bush Endowed Scholarship for Family Literacy. For students who are education majors.

Caddo Heights United Methodist Church Endowed Scholarship. To ministerial students, who are either a native of Louisiana, or who have lived in Louisiana.

Matthew Leon Campbell Endowed Scholarship.

Capital One Bank Endowed Scholarship. For a student from the Shreveport-Bossier area who is majoring in business and has a high scholastic average.

Martha Cappel Memorial Scholarship. For students in need of financial assistance.

CAPS Woodward Scholarship.

Dr. Virginia Carlton Endowed Mathematics Scholarship. For a student who excels in mathematics.

Frank Carroll Memorial Endowed Scholarship. For a music major, based on merit.

Nancy M. Carruth Endowed Scholarship. First preference to a student from Bunkie, Louisiana.

Dr. Nancy M. Carruth Annual Scholarship. For choir students with financial need.

Bill Causey, Sr. Scholarship. For a student in the Centenary Band, particularly a trumpet player.

Nancy Hinkle Causey Endowed Scholarship.

Centenary Women's Club Endowed Scholarship I. For a worthy student in need of financial assistance. Recipient must maintain a 3.0 GPA.

Centenary Women's Club Endowed Scholarship II. For an outstanding student in need of financial assistance. Recipient must maintain a 3.0 GPA.

Centennial Gala First-Generation Endowed Scholarship. Awarded to a first-generation college student from Louisiana.

Chesapeake Energy Annual Scholarship. Awarded to sophomores or juniors with a minimum 2.75 GPA.

Christian Leadership Center First-Generation Endowed Scholarship. Awarded to a first-generation college student from Louisiana who participates in the Christian Leadership Center.

Nancy M. Christian Endowed Scholarship. The highest academic award offered by Centenary College, which includes tuition, fees, room and board.

T. C. and L. C. Clanton Memorial Endowed Scholarship. For an outstanding ministerial student scholastically worthy and in need of financial assistance.

Class of 2005 Annual Scholarship. For a worthy student with financial need.

Classes of '54, '55, '56 Annual Scholarship. To students with financial need and scholastic promise.

Classes of '74, '75, '76 Annual Scholarship. To students with financial need and scholastic promise.

Dr. Robert B. and Betty Flournoy Clifton Memorial Endowed Scholarship. For students demonstrating financial need.

Jane Colley Cochran Endowed Scholarship. Students who demonstrate financial need.

Walter T. Colquitt Memorial Endowed Scholarship. For a student in need of financial assistance.

John Stafford Comegys Endowed Scholarship. For students with financial need who are studying geology.

Jo Whitaker Cook and Shelton L. Cook Endowed Scholarship. Students in need of financial assistance.

Sidney E. Cook Memorial Endowed Scholarship. For students with a minimum GPA of 3.0 working toward degrees in business administration, pre-law or pre-med.

R. Leonard Cooke Endowed Scholarship. For a Methodist student who is studying for ministry. A 3.0 GPA must be maintained.

Clarence Coon Journalism Scholarship. For students of high academic standing interested in a career in journalism.

Robert and Peggy Cooper Annual Scholarship. To students focusing their studies on music, journalism, studio arts, or creative writing. Maintain a 3.0 GPA and demonstrate financial need.

Willard and David Cooper Endowed Art Scholarship. For art supplies for an upperclass art major.

L. C. and Bettie Cox Endowed Scholarship. Preference to students from Louisiana Baptist Children's Home.

L. Hughes Cox Endowed Scholarship. A sophomore student who has declared a major or minor in philosophy and maintained a 2.5 cumulative GPA. The student shows promise in the study of philosophy.

Howard Crawford, Sr., and Claudia Crawford Endowed Scholarship. For students with financial need and scholastic promise.

Dennis E. and Rosa M. Crouch Memorial Endowed Scholarship. For a student in need of financial assistance.

R. Hermon Crow Endowed Scholarship. For students with financial need.

Wayne Curtis Memorial Endowed Scholarship. For a student in need of financial assistance.

Daughenbaugh-Matheny Scholarship. For students interested in careers in Christian education and full-time Christian service.

Nancy Steele David Memorial Endowed Scholarship. No restrictions.

Bryant Davidson Memorial Scholarship. Preference given to a student in need of financial assistance who is majoring in philosophy.

Jane A. Davies Memorial Endowed Scholarship. For a member of the Christian Leadership Center.

Clayton and GERALYN Davis Annual Scholarship. Students in need of financial assistance.

J. A. Davis Endowed Scholarship. For a student with financial need who ranks high scholastically. Preference to students from southwest Louisiana.

Jones S. Davis Scholarship. For a deserving student from the Baton Rouge area.

James F. and Georgia T. Dean Endowed Scholarship. Students majoring in the natural sciences, including engineering and mathematics, who demonstrate outstanding leadership potential.

David Dent Memorial Endowed Scholarship. For 1. students who are majors in one of the programs in the Frost School of Business and members of the Centenary College Choir, 2. students majoring in one of the programs in the Frost School of Business, or 3. students in the Centenary College Choir.

Desk and Derrick Club of Shreveport Endowed Scholarship. For 1) a student studying geology and demonstrating financial need and scholastic promise or 2) a student in good academic standing and demonstrating financial need.

Justice John A. Dixon, Jr. Memorial Annual Scholarship. For an African-American student in need of financial assistance.

Walter L. Dobie and Ruth Dobie Memorial Endowed Scholarship. No restrictions.

Marlin W. Drake, Sr. Memorial Endowed Scholarship. No restrictions.

Dresser Endowed Scholarship. For children of employees of Halliburton Company and its subsidiaries, pursuing any major and who have a 3.0 GPA.

Lonnie S. Dyess, Sr. Memorial Scholarship. For a history major with a minimum 3.0 GPA.

Edna Hardin Earnest Endowed Scholarship. Good academic standing with financial need. First consideration to history majors, followed by math majors.

Marguerite Herries Edwards Memorial Scholarship. For worthy students who study a modern foreign language as an enhancement to their regular course of study.

Mr. and Mrs. Robert Egerton Endowed Scholarship. No restrictions.

Howard M. Elder Memorial Endowed Scholarship. For an entering freshman student affiliated with the Methodist Church. Preference for those planning to study for a career in education or a church-related vocation.

English Speaking Union Scholarship. For students with academic promise who are planning to study in Great Britain as part of their undergraduate training or for students from Great Britain studying at Centenary.

Joyce and Horace English Endowed Scholarship. To defray the tuition costs of students of the School of Music.

John B. Entrikin Memorial Endowed Scholarship. For a promising junior or senior majoring in chemistry who is in need of financial assistance.

Escaped Images Dance Scholarship. For students talented in dance.

Evans Religious Studies Scholarship. To a student majoring in Religious Studies and/or participating in the Christian Leadership Center's endorsement program.

Express Personnel Services Annual Scholarship. For a student in the Centenary Choir who is in need of financial assistance.

Wayne and Velma Fallin Endowed Scholarship. In memory of Rebecca Lynn Simmering. For a female student who plans to enter full-time church service.

Tim and Peggy Farrell Annual Scholarship. To a student with financial need.

Tim and Peggy Farrell Endowed Scholarship. To a student with financial need.

Sgt. Robin V. Fell Endowed Scholarship. First consideration for students who are in or have served in the military.

Hazel and Claude Fendlason Scholarship. For students who plan to enter the ministry of the Methodist church.

Ernest and Grace Ferguson Endowed Scholarship. No restrictions.

First United Methodist Church of Baton Rouge Annual Scholarship. First preference to students from the First UMC of Baton Rouge.

First United Methodist Church Baton Rouge Endowed Scholarship. Preference to students from First United Methodist Church Baton Rouge.

First United Methodist Church of Lake Charles Annual Scholarship. First preference given to students from the First UMC of Lake Charles; otherwise, for students accepted into the Christian Leadership Center.

First United Methodist Church of Minden Scholarship. For students from First UMC of Minden interested in Christian ministry and Christian education.

First United Methodist Church of Natchitoches Endowed Scholarship. Awarded to a student from the First UMC of Natchitoches or a member of a UMC in Natchitoches Parish or a graduate of a Natchitoches Parish school.

First United Methodist Church of Pineville Annual Scholarship. For students from the First UMC of Pineville.

First United Methodist Church of Ponchatoula Annual Scholarship. For a student from the First UMC of Ponchatoula.

First United Methodist Church of West Monroe - Vera Jordan Circle Endowed Scholarship. For an incoming freshman who is a member of the First UMC of West Monroe and who has a 3.0 GPA.

Lois Phelps and Lionel R. Flaxman Endowed Scholarship. No restrictions.

Glenn and Nena Flournoy, Jr., Annual Scholarship. For a student in good standing with financial need.

Margaret W. Flournoy Endowed Scholarship. Preference to an African-American student in the ministry of the UMC.

Ruth S. Foil Endowed Scholarship. For students majoring in business, pre-law or pre-med.

Dr. Elmer Lee and Mrs. Eva E. Ford Endowed Scholarship. For an outstanding student majoring in French.

William F. Ford Endowed Scholarship. No restrictions.

Dr. Arthur M. Freeman, Sr. Endowed Scholarship. For a worthy minority student in need of financial assistance.

Katherine Jackson French Memorial Scholarship. For a female student majoring in English literature or education who is in need of financial assistance.

Daisie Del Garber Scholarship of FUMC Lake Charles. Preference given to a student from the First UMC of Lake Charles, then to a UM student from southwest Louisiana.

Jan and Dorothy Garber Endowed Music Scholarship. For a student in the field of music. First preference to a student specializing in violin or other string instrument.

Donald Irving Garner Memorial Endowed Scholarship. For a student in the Centenary Choir who is in need of financial assistance and maintains a 2.5 GPA.

Ruby George Endowed Scholarship. For a full-time student who is the child of a Centenary employee.

E. B. Germany Endowed Scholarship. No restrictions.

Billy T. and Shirley J. Giles Endowed Scholarship. For a worthy United Methodist freshman entering the Christian Leadership Center. Student must maintain a 3.0 GPA.

James Frank Gladney, Sr., and Jemmie Nelson Gladney Memorial Endowed Scholarship. For students with financial need and scholastic promise with preference to students pursuing careers in medicine.

Goins Family Endowed Scholarship. For a student who is a member of the Centenary Choir and remains in good academic standing.

Robert L. and Jessica H. Goodwin Endowed Scholarship. For a student in need of financial assistance.

Audrey Gordon Endowed Scholarship. For a student majoring in education who is in need of financial assistance.

Mary Frances Gorton Memorial Endowed Scholarship. For a student demonstrating a talent in violin or cello who is in need of financial assistance.

Sherman L. "Doc" Gorton, Sr. Memorial Endowed Scholarship. For students demonstrating an interest in mathematics, who are in need of financial assistance.

Sam Boatner Grayson Endowed Scholarship. For students in the sciences demonstrating scholastic promise.

Dr. Eugene R. Gregory Annual Scholarship. Students in need of financial assistance.

Helen "Bobo" Dwire Gregory Annual Scholarship. For voice studies students in good academic standing with leadership potential.

Randy Greve Memorial Scholarship. For a student of high scholastic standing in need of financial assistance.

Adell Biedenbarn Gwinn Endowed Scholarship. For worthy students.

Dr. Robert N. Hallquist Memorial Scholarship in Education. For a student majoring in education.

Mr. and Mrs. David P. Hamilton Scholarship. For students majoring in science.

Thomas Edgar and Opal Lewis Hampton Memorial Endowed Scholarship. For members of the Centenary Choir who are majoring in education.

Joseph "Jake" and Mary Hanna Memorial Endowed Scholarship. For a student studying to be in the ministry, in the Christian Leadership Center or in a church-related field.

Dean John A. Hardin Memorial Endowed Scholarship. For students in need of financial assistance.

Quintin T. Hardtner, Jr. Memorial Endowed Presidential Scholarship. For worthy and deserving students.

Frances Andrews Harkrider Memorial Endowed Scholarship. Awarded to students in need of financial assistance.

Gertrude Harkrider Scholarship in Memory of Mr. and Mrs. John A. Harkrider. No restrictions.

Harman Memorial Scholarship. For students of high scholastic standing in need of financial assistance.

Jolly and Marie Harper Memorial Endowed Scholarship. For a student in the Christian Leadership Center.

Virginia Palmer Harris Endowed Scholarship. For one student who is Methodist from the Louisiana Conference and maintains at least a 3.0 GPA.

Coach Jimmy Harrison '50 Memorial Endowed Scholarship.

O. D. Harrison, Sr., British Studies Endowed Scholarship. For students with academic promise who are planning to major in English and wish to study in Great Britain as part of their undergraduate training or for students from Great Britain studying at Centenary.

O. D. Harrison, Sr. Memorial Endowed Scholarship. For students in need of financial assistance with at least a 2.5 GPA.

Hart-Laurence Endowed Scholarship. Preference to a student in the Christian Leadership Center.

Marilee Harter Endowed Scholarship.

Shirley Hawn Endowed Music Scholarship. For a graduating high school senior who is outstanding in music and who is in need of financial assistance.

Verne Hawn Endowed Art Scholarship. For a promising incoming freshman majoring in art.

Henry M. Hearne and Sara P. Hearne Endowed Scholarship. First consideration for students studying in the field of studio arts or museum management.

William Randolph Hearst Endowed Scholarship. For domestic students who demonstrate financial need and strong academic performance.

Dorothy Ruth S. Heller Memorial Endowed Scholarship. For students of high scholastic standing in need of financial assistance.

Dr. J. V. Hendrick Endowed Scholarship. First preference to pre-med related majors who are in need of financial assistance.

Henington Family Endowed Scholarship. For a student in need of financial assistance.

William L. Henning Family Endowed Scholarship. For a Christian Leadership Center or religion student.

Willis Munn Herring Memorial Endowed Scholarship. Awarded to valedictorians, salutatorians, or third-ranked students from a high school in Webster Parish.

Richard Everett Herrmann and Jeanette Crocker Herrmann Endowed Scholarship. To students with financial need who are planning to major in the social sciences, religion, or the humanities.

Margaret H. and O. Kenneth Hickman Memorial Endowed Scholarship. For a worthy student who is not an athlete.

Elizabeth K. Hicks Memorial Endowed Scholarship. An academic scholarship for a student with an ACT composite of 24 or SAT composite of 1100 and a cumulative GPA of 3.0.

Mamie B. Hicks Scholarship in Music. Preference to piano students from North Louisiana majoring in music.

David Franklin Hinton Memorial Scholarship. For an outstanding student majoring in biology or another pre-med subject.

J. T. Hitchcock Memorial Endowed Scholarship. For science majors with at least a 3.0 GPA and who are in need of financial assistance.

Hoas-Christensen Endowed Scholarship. A sophomore student who has declared a major in economics & maintained a 2.5 GPA. The student shows promise in the study of econometrics or statistics as determined by the economics professor of the Frost School of Business.

David A. Hobson Annual Scholarship. Awarded to Centenary College choir students demonstrating financial need and scholastic promise.

A. J. and Nona Trigg Hodges Annual Choir Scholarship. For members of the Centenary Choir.

Dr. Cynthia Ruth Hood Memorial Annual Scholarship. Awarded to deserving young Christian women of unquestionable character who graduate in the upper 5% of their high school graduating class with an ACT score of at least 28 or a SAT score of at least 1250. Recipients should be a pre-med or natural science majors and maintain a 3.5 GPA at Centenary College.

Donna Lou Valliere Horn Memorial Scholarship. For a student majoring in elementary education.

Amanda Howell Memorial Endowed Scholarship. For students in need of financial assistance who have a high scholastic standing.

Gordon and Freda Hoyer Memorial Endowed Scholarship. No restrictions.

W. Lester "Possum" Hoyt Memorial Endowed Scholarship. To be awarded to a student in the Christian Leadership Center from one of the following parishes: Rapides, Avoyelles, Evangeline or St. Landry, demonstrating financial need.

Elizabeth Pettet Hughes Memorial Endowed Scholarship. Education major who demonstrates financial need.

Marjorie Hughes Endowed Scholarship. For students with high potential and scholastic ability.

Ed E. and Gladys Hurley Endowed Scholarship. For students majoring in music who are in need of financial assistance.

Charles Moore Hutchinson Memorial Endowed Scholarship. For students in need of financial assistance.

Bishop William W. Hutchinson Endowed Scholarship THBO. To be awarded to Methodist students from Louisiana demonstrating financial need and scholastic promise.

James "Graham" Ivy Memorial Endowed Scholarship. For students in need of financial assistance.

Edie Carell Johnson Endowed Scholarship.

Mildred and John H. Johnson, Jr. Endowed Scholarship. No restrictions.

Jesse H. and Mary Gibbs Jones Endowed Scholarship. For students in need of financial assistance.

Joseph H. and Julia B. Jordan Endowed Scholarship. For students of high scholastic standing in need of financial assistance, with preference given to ministerial students.

Stacey J. Jordan Endowed Scholarship. Preference to students planning to major in geology.

Lonnie B. and Nellie P. Kilpatrick Memorial Scholarship. First consideration is given to members of the families of employees of Kilpatrick Life Insurance Company of Louisiana and Kilpatrick's Rose-Neath Funeral Home, Inc. Student must maintain a 2.0 GPA.

Nannette D. Kirby Endowed Scholarship. For students majoring in art with special interest in working as a curator in a museum.

Kirsch-McCarter Endowed Scholarship. No restrictions.

Reverend John Koelemay Endowed Scholarship. Awarded to top high school graduates planning to major in economics, mathematics, the natural sciences or a related field.

Harold and Marjory LaGrone Family Endowed Scholarship. For students with financial need.

Virginia Davis Laskey Endowed Scholarship. For students deserving of a high academic scholarship.

A. McIntyre and Katherine S. Leary Endowed Scholarship. No restrictions.

Philip Lieber Scholarship. For a freshman student majoring in business with high scholastic achievement.

P. B. Lindsey Memorial Endowed Scholarship.

Shawn Livesay Memorial Endowed Scholarship. Students in need of financial assistance.

Eugene S. Loblake Memorial Endowed Scholarship. For a member of the Christian Leadership Center who is planning to enter the work of the United Methodist Church, particularly the ministry, and who is in need of financial assistance.

Allena Longfellow Memorial Endowed Scholarship. For students in the Christian Leadership Center.

Lon Morris/Centenary Blanton Scholars Scholarship. For transfer students from Lon Morris enrolling in the Christian Leadership Center. Selection is based primarily on academic achievement and partially on financial need.

J. C. Love, Jr. Memorial Endowed Scholarship. Four scholarships for outstanding dependents of United Methodist ministers of the Louisiana Conference.

Ellis and Elizabeth Lowery Scholarship. For a worthy student from the Baton Rouge area.

Walter M. Lowrey Memorial Endowed Scholarship. Preference to students from the Mansfield area.

Walter M. Lowrey Pre-Law Scholarship. Preference to a pre-law student from the Mansfield area.

John and Ena K. Lund Choir Scholarship. For students in the Centenary Choir and Christian Leadership Center.

Albert S. Lutz, Jr. Memorial Endowed Scholarship. For a student in the Christian Leadership Center.

William N. and Marie L. Lyle Endowed Scholarship. For worthy students in need of financial assistance and in superior academic standing.

Joanna G. Magale Endowed Scholarship. For students in need of financial assistance.

Helen and Mark C. Magers Memorial Endowed Scholarship. For worthy students in need of financial assistance, with first preference given to Methodist ministerial students.

Dr. Paul Michael Mann Pre-Medical Scholarship. For a pre-med student.

Paul and Louise Mann Annual Scholarship. Full support for four years for a pre-med or pre-theology major with a 3.75 high school GPA, minimum SAT composite of 1150 (ACT of 25), who demonstrates financial need and maintains a 3.25 GPA at Centenary.

Mansfield/Grand Cane United Methodist Church Scholarship. For a student from the Mansfield-Grand Cane UMC or a worthy student from the Mansfield area.

Mr. and Mrs. Robert Olin Marks, Bessie Marks Harrington, Gertrude Mai Marks, and Robbie Olin Marks Memorial Scholarship. No restrictions.

Martin Family Endowed Scholarship. Awarded to a worthy student who is an undergraduate, active member of Chi Omega Sorority.

Jeanne Sealy Martin Endowed Scholarship. For students in need of financial assistance.

Walter G. Mason Memorial Endowed Scholarship. No restrictions.

Thomas H. Matheny Endowed Scholarship. Supports the Daughenbaugh-Matheny annual scholarships.

C. W. McCormick Memorial Scholarship. No restrictions.

Velda McCormick Annual Scholarship. For a student studying science or math.

Chief Master Sergeant of the Air Force James M. McCoy Endowed Scholarship. For a son or daughter of an active duty or retired Barksdale Air Force Base enlisted family.

Paul McDonald Endowed Scholarship. Awarded to one or two freshman students who may continue to receive the scholarship all four of their college years.

McElroy Endowed Scholarship.

McInnis Family Endowed Scholarships.

Agnes Ruth McLean Memorial Endowed Scholarship. For students in advanced levels of the Christian Leadership Center with an excellent academic record.

Ella Nita McMichael Memorial Endowed Scholarship. For a student in the Christian Leadership Center.

McMillan-Feild Memorial Endowed Scholarship. For students from certain East Texas high schools. Priority given to students transferring from a 2-year institution.

May Meadows Ministerial Scholarship. For ministerial students with preference given to students from the Ruston District.

Hattie Lee Monkhouse Mellor Endowed Scholarship. For residents of Louisiana who maintain a 3.0 GPA and are in need of financial assistance.

E. W. Merritt Endowed Scholarship. For students in the natural sciences.

Joe J. and Maida Mickle Memorial Scholarship. Preference to a student from the First UMC of Shreveport.

Reverend Jack Midyett Memorial Endowed Scholarship. For a student from First UMC of Bossier City or from the Louisiana Conference of the UMC planning to enter the Christian Leadership Center.

Richard Alan Millar Memorial Endowed Scholarship. No restrictions.

Edwin Ambrose and Martha Jones Moore Endowed Scholarship.

Howard Moore Family Endowed Scholarship. For a student from Noel Methodist Church in Shreveport or a member of Kappa Sigma Fraternity. Recipients must maintain a 2.5 GPA.

Gwen Murphy Endowed Choir Scholarship. For a member of the Centenary Choir based on talent and need.

Linda Bearden Muse Memorial Scholarship. To a music major student who is an upper classman demonstrating financial need.

National Alumni Association Scholarship. For Centenary College Seniors living on campus.

National United Methodist Scholarship. For active members of the United Methodist Church.

Nelson Scholarship. Students in need of financial assistance.

Edwin R. and Claudia Ruth Nelson Endowed Scholarship. No restrictions.

Louis L. Noel Trust Fund Scholarship. For students from Noel UMC in Shreveport.

Barbara Jeanne DeMoss Nolan Memorial Endowed Scholarship. For students majoring in education.

Reverend William Earl "Wishy" Nolan Endowed Scholarship. No restrictions.

Earl Davis Nolan and Margaret Burton Nolan Endowed Scholarship.

John Charles Nolan Endowed Scholarship.

William McKinnley and Mildred Nixon Nolan Endowed Scholarship. Student with financial need and scholastic promise.

Gail M. Nolte Endowed Scholarship. Awarded to a student in the Frost School of Business.

Margery Norton Endowed Scholarship. For students demonstrating financial need.

John G. O'Brien Scholarship. No restrictions.

Mae O'Brien Endowed Scholarship in Music. For a worthy student in the field of music.

Ray P. Oden, Sr., Endowed Scholarship. No restrictions.

Oklahoma Scholarship Award. For a returning student from the state of Oklahoma who possesses the highest cumulative GPA.

Idamae Cox Otis Endowed Choir Scholarship. For a member of the Centenary Choir.

Outlaw Endowed Scholarship. Awarded to an English or business major with a GPA of 3.0 or higher. Preference to a student from Bossier City, Louisiana.

Palestine United Methodist Men Scholarship. For a student in need of financial assistance and whose major course of study is in the Christian Leadership Center.

John and Marilyn Palmer Annual Scholarship. For a geology student with a "C+" GPA or better.

John and Marilyn Palmer Endowed Scholarship. For a geology student with a "C+" GPA or better.

Woodrow Pate Endowed Scholarship. To students majoring in economics or any student majoring in business or a business-related field demonstrating financial need.

James N. Patterson Memorial Endowed Scholarship. No restrictions.

Dr. George F. Pearce Endowed Scholarship. For ministerial students with financial need.

Winifred Boles Peters Endowed Scholarship. Preference to a student in the arts.

Ruby Q=Petersen Endowed Choir Scholarship. For members of the Centenary College Choir.

Thomas B. Peyton III Memorial Endowed Scholarship. For a student of high academic standing who is interested in art and religion and is in need of financial assistance.

Leon J. and Artie L. Phillips Endowed Scholarship. For students pursuing degrees in business, pre-law or pre-med with a 3.0 GPA.

Doyle and Pat Pickett Annual Choir Scholarship. For a member(s) of the Centenary Choir.

Ellen English Pickett Memorial Annual Scholarship. Awarded to a student from Caddo Magnet High School who is a member of the Centenary Choir or who has an interest in either music or veterinary science.

Lewis H. Pirkle Memorial Endowed Scholarship. For a pre-med student.

George W. Pirtle Endowed Geology Scholarship. For an outstanding geology student from Louisiana or East Texas.

Dr. W. Ferrell Pledger Memorial Endowed Scholarship. For a student in need of financial assistance.

G. W. Pomeroy Endowed Scholarship. For worthy students in need of financial assistance.

Webb D. Pomeroy Memorial Endowed Scholarship. For a pre-ministerial and/or sacred music student from Louisiana.

Robert L. and Joan Hardy Potter Annual Scholarship. For a student in good academic standing with financial need.

Robert L. and Joan Hardy Potter Endowed Scholarship. To a student in good standing with financial need.

Harold K. Quinn Memorial Endowed Scholarship. For students from Louisiana or Texas who are majoring in business and are in need of financial assistance.

Rupert and Lillian Radford Endowed Scholarship. Awarded to students who are resident citizens of America and who meet the requirements of a Dean's Scholarship.

Mary and Helen L. Ragsdale Endowed Scholarship. Supports institutional Christian Leadership Center scholarships.

Betty and Cecil Ramey Endowed Scholarship. For pre-law students majoring in business with a minimum 3.0 GPA.

Elizabeth Rankin Endowed Scholarship. A sophomore student who has declared a major in economics & maintained a 2.5 GPA. The student shows promise in the study of econometrics or statistics as determined by the economics professor of the Frost School of Business.

Reader's Digest Foundation Endowed Scholarship. For worthy students in need of financial assistance.

George and Nancy Records First-Generation Endowed Scholarship. Awarded to first-generation college students from Louisiana.

Nancy Johnston Records Endowed Scholarship. Preference to personnel of Barksdale Air Force Base or their dependents.

Red River Desk and Derrick Club Annual Scholarship. For a deserving student majoring in a field related to the petroleum industry, preferably geology.

Irma Kelly and Thomas Richardson, Sr., Endowed Scholarship. For students with financial need.

Riggs Family Endowed Scholarship. For students demonstrating financial need.

Belle Ringgold Memorial Endowed Scholarship. For Louisiana students training to become teachers, with preference to students from Caddo Parish.

Minnie K. Ringgold Memorial Endowed Scholarship. For a student in the School of Music.

Josie Neal Roberts Memorial Endowed Scholarship. For worthy students who remain in good academic standing.

Daniel B. and Georgie M. Robinson Memorial Endowed Scholarship. Awarded to deserving students in the School of Music and particularly for students specializing in the Violoncello.

Stephen Francis Robinson Endowed Scholarship. For a worthy student enrolled in at least one course in either mathematics, foreign language, music, or religion.

Charlie Rollins-Bentley Sloane Four-Square Bible Class Endowed Scholarship. For students in the Christian Leadership Center.

Peggy Rountree Memorial Scholarship. No restrictions.

Clyde and Estelle Sanders Endowed Scholarship. Students who exhibit evidence of high standards of character and behavior and have an altruistic "intent," including the choice of a worthy career or profession. The student should have a substantial high school academic record and maintain it while attending Centenary.

Jesse L. Saxon Memorial Endowed Scholarship. For a student in the Christian Leadership Center.

Louise Goldman Scheinberg Memorial Endowed Scholarship. For minority students who are majoring in music and demonstrate great financial need.

Benjamin and Grace Rankin Schurman First-Generation Endowed Scholarship. Awarded to first-generation college student from Louisiana. First preference to a student studying geology; second preference to a student studying physics; third preference to a student studying natural science.

Kenneth L. Schwab Endowed Scholarship. Preference to a student who is a rising junior and is double majoring with one of the majors being Religious Studies. If there is not a student meeting these criteria, the award will be given to a student who is double majoring with one of the majors being English. The award will be given for up to two more years after the first award year to sustain the student through graduation.

If no student meets these criteria in a given year, the award can be made to Centenary students demonstrating financial need and scholastic promise as determined by the Director of Financial Aid.

Lynda L. Scurlock Endowed Scholarship. For a student with financial need.

Selber Brothers Scholarship. For a resident of the Ark-La-Tex who is majoring in business.

Fariebee Parker Self Endowed Scholarship. For a student majoring in mathematics or foreign languages.

J. C. Sensintaffar Memorial Endowed Scholarship. For students from specified districts of the Louisiana Methodist Conference.

Sexton-Seekers Sunday School Class Scholarship in Memory of LaTrelle Shipley Billeiter. For a qualified female music major.

Andy Shebee 50th Birthday Annual Scholarship.

Shreveport District United Methodist Church Endowed Scholarship. For a child of a United Methodist minister from the Shreveport District.

Shreveport Geological Society Scholarship. For an outstanding geology student.

Shreveport Kiwanis Club Annual Scholarship. A student in need of financial assistance with a minimum 2.0 GPA.

Dr. Henry M. Shuey Memorial Endowed Scholarship. For an American-born junior or senior majoring in chemistry, physics, or math.

Noel T. and Sara Simmonds Endowed Scholarship. For incoming freshman entering the Christian Leadership Center. Preference is given to a student from Alexandria, Louisiana.

Charles B. and Carolane H. Simmons Endowed Scholarship. For students majoring in religion.

Curtis D. Sims Memorial Endowed Scholarship. To a worthy student in the Christian Leadership Center.

Howard Sklar First-Generation Endowed Scholarship. Awarded to first-generation college students from Louisiana.

Miriam Sklar First-Generation Endowed Scholarship. To students with financial need and eligible under state guidelines for first-generation scholarships.

Joseph E. Slattery, Jr. Memorial Endowed Scholarship. No restrictions.

Dr. Bentley Sloane Endowed Scholarship. No restrictions.

Graydon F. and Helen S. Smart Memorial Endowed Scholarship. For a student in the field of communications.

Ascension Delgado Smith Endowed Scholarship. For a worthy student.

Cecilia Ellerbe Smith Memorial Endowed Scholarship. For a student majoring in music.

Dean R. E. Smith Discretionary Endowed Fund. The income from the principal shall be used as an emergency discretionary fund by the President with first priority being given to students in the Christian Leadership Center. If the money is not used, either all or part of it, in a given year, then it shall be awarded as a scholarship for the following year to an outstanding student in the Christian Leadership Center.

Dean R. E. Smith Religious Leadership Award and Scholarship Fund. The Religion Department selects an outstanding ministerial student to receive the award at Honors Convocation. Left over funds may be used as a scholarship.

Richard R. Smith Annual Scholarship. Awarded to students majoring in music or business with a minimum 3.0 GPA.

Stephen Wailes and Ellen Griffing Smith Endowed Scholarship. For a ministerial student.

Ruth E. Carter Soderman Memorial Endowed Scholarship. Awarded to a pre-ministerial student.

John W. Speir Memorial Scholarship. No restrictions.

Frank Palmer Spessard Memorial Endowed Chemistry Scholarship. For an outstanding student majoring in chemistry.

St. Mary Land & Exploration Endowed Scholarship. For a geology student.

J. B. Stafford Scholarship. For a Christian Leadership Center student with a 3.0 GPA.

Octa Morel Crump and Anita Mary Steinau Memorial Scholarship. First preference to students who express interest in, or are majoring in, art, communications, English, pre-medical or theatre, and who could not otherwise afford to attend without financial assistance.

Mary Morel and Jacques Napier Steinau Memorial Scholarship. First preference to students who express interest in, or are majoring in, art, communications, English, pre-medical or theatre, and who could not otherwise afford to attend without financial assistance.

Stewart Memorial Scholarship. For ministerial students.

Annie Lowe Stiles Annual Scholarship. For qualified and deserving students in need of financial assistance.

Jack I. Stinson Memorial Endowed Scholarship. For a worthy student, with preference given to a business major.

Goodloe Stuck Memorial Scholarship.

Students Planning Careers in Health Care Annual Scholarship. For students in good academic standing with financial need who are considering careers in any of the health care professions

The Tallach Family Scholarship. For a sophomore, junior, or senior who has maintained a 3.5 or higher GPA and is majoring in a Frost School of Business discipline.

TKE Fraternity Annual Scholarship. For a member of the Iota Theta Chapter of Tau Kappa Epsilon Fraternity.

TKE Fraternity Endowed Scholarship. For a member of the Iota Theta Chapter of Tau Kappa Epsilon Fraternity.

Mrs. B. B. Tanner Memorial Endowed Scholarship. For a worthy student in education of high scholarship and character.

Susan Tanner Memorial Endowed Scholarship. For a worthy music student of high scholarship and character.

Hope Pierce Tartt Annual Scholarship. For residents of certain East Texas counties.

Dr. and Mrs. B. C. Taylor Endowed Scholarship. No restrictions.

William C. Teague Endowed Organ Scholarship. For a deserving student in organ or sacred music.

R. L. "Bill" Terry Memorial Endowed Scholarship. For a full time non- traditional student who maintains a 2.3 GPA.

Texas Eastern-McBride Endowed Scholarship. Awarded to an incoming freshman on the basis of academic merit. Student may receive the scholarship for four years as long as a 3.0 GPA is maintained.

Herbert & Grace Reynolds Thayer Memorial Scholarship. For students in the Christian Leadership Center with preference to a student from First UMC of Stuart, Florida.

N. O. Thomas, Jr. Endowed Scholarship. For a student in the field of business or petroleum land management. Student must maintain a 3.5 GPA and be in need of financial assistance.

Reverend Karl B. Tooke Endowed Scholarship. For students in need of financial assistance. Preference given to students interested in becoming a minister in the UMC.

Dr. Jeff Traban Annual Scholarship. For a physics student with financial need and academic promise.

Trinity United Methodist Church of Ruston Scholarship. For students from UMC of Ruston.

Twin Engine Labs Annual Scholarship. To assist students planning to minor or minoring in Computer Science, as well as those planning to major or majoring in Computational Mathematics.

Linda B. Tyrone Annual Scholarship. For 1) A student from Asbury United Methodist Church in Bossier City, LA selected by the senior pastor of the Church; 2) A student from another United Methodist Church in the Shreveport District; 3) A student selected by Centenary's Director of Financial Aid.

William S. Tyrrell Endowed Scholarship. For African-American students who demonstrate academic potential.

Rosemarie Hicks Udick Memorial Endowed Scholarship. Preference given to worthy female graduates of Fair Park High School.

United Methodist Higher Education Foundation Scholarship. Given to students who have been active members of the United Methodist Church for at least one year.

United Methodist Women-First United Methodist Church of Shreveport Scholarship. For a student planning a career in Christian service via the Christian Leadership Center.

Universal Oil Products Scholarship. For upper-division chemistry majors.

UPS Foundation LICF Scholarship. For students in need of financial assistance.

Martha L. Shepherd Vaughan '40 Endowed Scholarship. For a student with financial need and scholastic promise.

Dr. Charles E. "Eddie" Vetter Memorial Endowed Scholarship. For a worthy student.

Thomas E., Esther Horton and Stephen T. Victory Scholarship. For an outstanding freshman in the English Department.

Dr. A. C. "Cheesy" Voran Choir Scholarship. For members of the Centenary Choir.

Randall Walker, SIOR Endowed Scholarship. For students with financial need and scholastic promise studying business and real estate and maintaining a 3.00 GPA. Preference to a student who was a Louisiana resident prior to admission to Centenary and held a GPA between 3.00 and 3.50 at the time of application.

Bessye Cowen Ward Endowed Scholarship. No restrictions.

John M. and Margaret J. Warren Endowed Scholarship. For students studying for the ministry, to be missionaries, or for other Christian work.

The Bonnie and Juan Watkins Family Endowed Scholarship. For students with financial need, from a small town, and with demonstrated interest in community service.

Charlotte Webb First-Generation Endowed Scholarship. Awarded to first-generation college students from Louisiana.

Donald and Renee Webb Endowed Scholarship. For a student in the Centenary Choir.

E. Bernard Weiss Memorial Endowed Scholarship. For pre-med students.

A. P. and Mary C. White Endowed Scholarship in Music. For a music major who is in need of financial assistance.

Dr. Ralph E. and Mildred W. White Memorial Scholarship. Awarded to juniors and/or seniors who are majoring in Spanish.

Lettie Pate Whitehead Scholarship. For Christian women with financial need who are residents of Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee or Virginia.

Wilcox Foundation Scholarship in honor of Lane B. Jackson. For a student from C. E. Byrd High School with a high level of need.

Louis and Emily Wile Memorial Endowed Scholarship. For residents of Caddo, Bossier or DeSoto Parishes who show academic promise and demonstrate financial need.

Ann Margaret Wilhelm Endowed Scholarship. No restrictions.

Donnie R. Wilbite Memorial Scholarship.

Therese Simon Willer Memorial Endowed Scholarship. For worthy minority students in need of financial assistance.

Jordan René Williams Endowed Scholarship. To students demonstrating financial need.

Reverend John M. Williams Memorial Endowed Scholarship. To a student from Louisiana who is considering full time Christian service, medicine, or education.

Gayle Boucher Wissman Endowed Scholarship. For a student majoring in piano.

Mr. and Mrs. William C. Woolf Scholarship. For students majoring in geology.

Women's Endowment Quorum (WEQ) Annual Scholarship. For a student with a minimum GPA of 2.75.

The Captain F. Brown and Nancy B. Word Endowed Scholarship.

Herbert and Helen Smith Wren Endowed Scholarship. No restrictions.

Clarence L. Yancey Memorial Endowed Scholarship. For a student with a pre-law emphasis.

Katherine Yeldell Endowed Scholarship. For worthy students in need of financial assistance.

Dallas Yellott Annual Memorial Scholarship.

Hoyt and Penny Yokem Endowed Scholarship. For students in need of financial assistance.

Youree Scholarship. For students in need of financial assistance.

Veterans' Benefits

Applicants should submit a copy of their *Certificate of Eligibility*. The Veterans Administration determines the amount of the benefit. Students eligible for veterans benefits are responsible for reporting to the Financial Aid Office changes in address, changes in credit hour load, registration and courses for which the student already has credit, and withdrawal from the College.

On-Campus Employment

A number of part-time jobs for students are available on the campus. Application should be made to the Director of Financial Aid. The largest work program is known as Federal Work-Study. It is supported by Federal funds and provides assistance to students who have a documented need and meet all requirements for receiving Federal funds. A limited number of jobs are available without regard to financial need.

Vocational Rehabilitation Grants

These are made to students who are physically handicapped and would ordinarily be unable to hold a part-time job. Inquiries should be directed to the Vocational Rehabilitation Office in the student's home town.

State Grants and Scholarships

Louisiana TOPS

Louisiana's Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships. Eligibility is determined by the state. The program is subject to legislative revision and funding issues. Students must be residents of Louisiana. Amounts awarded to private institutions in 2011-12 will range from \$3,242-\$4,042. The Free Application for Federal Student Aid (FAFSA) serves as the state's application. Please visit the state's TOPS web site for detailed information.

Louisiana GO Grant

The Louisiana GO Grant is a need-based financial aid program aimed at making college more affordable for students from moderate- and low-income families. Louisiana resident students who are eligible for and receive the Federal Pell Grant may also be eligible for the GO Grant. The grant helps cover the difference between the actual cost of attending a public or private college in Louisiana and the amount of a student's Pell Grant award. The GO Grant award for full-time students ranges from \$200-\$2,000 per academic year. Eligible part-time students may receive a pro-rated amount. **Enrollment criteria:** Louisiana resident admitted and enrolled, beginning Fall 2007, as a certificate or degree-seeking undergraduate student at a Louisiana public or private (LAICU) college or university: (1) as a first time freshman or (2) aged 25 or older and not having enrolled in a college or university in credit bearing courses for at least one academic year.

Federal Grants

Federal Pell Grant

The Federal Pell Grant is awarded directly to students by the federal government. The amount for which a student is eligible is determined individually by the U.S. Department of Education. The maximum amount in 2011-2012 will be \$5,550* per year. Students who have financial need and meet eligibility requirements can receive a Pell Grant as long as they are making satisfactory academic progress toward their undergraduate degrees. Application is made by completing the Free Application for Federal Student Aid (FAFSA). *Subject to change by congressional vote.

Federal Supplemental Educational Opportunity Grant (FSEOG)

The amount of financial assistance that students receive through a Federal Supplemental Educational Opportunity Grant depends upon their need, as determined by the completion of the Free Application for Federal Student Aid (FAFSA).

Federal Teach Grant Program

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to \$4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. In exchange for receiving a TEACH Grant, a student must agree to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students. As a recipient of a TEACH Grant, a student must teach for at least four academic years within eight calendar years of completing

the program of study for which he/she received a TEACH Grant. If the student fails to complete this service obligation, all amounts of TEACH Grants that the student received will be converted to a Federal Direct Unsubsidized Stafford Loan which must be repaid to the U.S. Department of Education. The student will be charged interest from the date the grant(s) was disbursed. The Federal TEACH Grant will only be awarded to students who specifically request the grant and complete the entrance counseling and 'ability-to-serve' certification.

Student Loans

Federal Perkins Loan Program. This program provides loans for needy students who are enrolled at least half time. A total of \$20,000 may be borrowed by an undergraduate but not more than \$4,000 per year. Repayment at a 5% interest rate begins nine months after the student ceases at least half-time enrollment. The available funds are extremely limited. Eligibility is determined by the completion of the Free Application for Federal Student Aid (FAFSA).

Federal Direct Student Loan. This program allows freshmen to borrow up to \$5,500 per year, sophomores up to \$6,500 per year, and juniors and seniors up to \$7,500 per year. Repayment begins six months after the student ceases at least half-time enrollment. The interest rate is fixed at 6.8%. Contact the Centenary Financial Aid Office for current eligibility requirements. Eligibility is determined by the completion of the Free Application for Federal Student Aid (FAFSA).

Federal Direct Parent Loan. This credit-based loan allows parents to borrow up to the cost of education less any financial aid awarded. Repayment begins sixty days after the final disbursement of the annual loan. The interest rate is fixed at 7.9%. Information is mailed to all admitted students.

United Methodist Student Loan. Members of the United Methodist Church may borrow \$4,000 per academic year. Apply through the Centenary Financial Aid Office.

Hurley Foundation Loan. Residents of Texas, Louisiana or Arkansas may borrow up to \$1,500 per year at 4% interest. The application must be made by June 1.

Private Alternative Loan. This program allows students (with a co-borrower) to borrow up to cost of attendance less any financial aid. Interest rates and repayment options vary depending on the lender. Contact the Centenary Financial Aid Office for details.



Academic Checklist

What To Do, When

All Students: This catalogue is your academic bible; study it carefully.

Check the Academic Calendar carefully for cut-off dates of enrollment functions and due-dates.

Every time you change your advisor and/or major you must inform the registrar.

Read the section on withdrawal.

You must register for FYE 101 in your first semester and in ENGL 101 in one of your first three semesters; these courses may not be dropped or taken pass-fail. Students who fail FYE 101 or ENGL 101 must enroll in that course in the next semester it is offered until credit is earned.

Before dropping courses, be aware of full-time/part-time rules for financial aid and participation in college activities.

Check course descriptions for prerequisites, and study "Course Sequence" (p. 50).

Before taking courses elsewhere, be aware of the general rules for transfer: Courses with a grade of C or above will usually transfer if Centenary has a department in that field. You must submit an "Approval of Transfer Course Equivalencies" form for every course you consider transferring. This form (see Registrar's Office) must be submitted and approved prior to enrolling in transfer courses.

First-Year Students

Study the *Centenary College Student Handbook* and Honor Code carefully. Consult your advisor, or the Dean of Student Life, *whenever* you have any problems or questions about college life.

Become familiar with the services of the Career Center in the lower level of Rotary Hall. **Plan to participate** in workshops offered by the Career Center, Student Resource Center (SRC) and the Dean of Student Life which focus on study skills, time management, test anxiety and stress management.

Sophomores

Students in intercollegiate athletics must declare a major before the beginning of the 5th semester of enrollment in college study by filling out a degree plan. (See under Juniors)

Begin planning to enroll in and fulfill the 3 components of the Trek Program listed below. See Trek section for more information about the specific options for completing this important graduation requirement.

1. CAREER (CA 250, CA 251, CA 253)
2. CULTURE (CU 300, CU 351)
3. COMMUNITY (CO 151, CO 153)

Juniors

File a degree plan by the end of the year. See the Office of the Registrar. Study "Degree Requirements" in the catalogue you plan to use and the major and supportive requirements for your major.

Students in 3/1 and 3/2 programs: Keep the Registrar informed of your address, and have transcripts of your work elsewhere forwarded immediately to that office when requirements are completed. Keep in touch on your plans!

Fill out and submit to the Registrar's Office an application to graduate in the Spring. This must be done no later than two semesters prior to your anticipated graduation date.

Work with the Career Center staff to develop a résumé and identify (establish) a list of references.

Seniors

Make certain that your application to graduation candidacy and degree plan are on file at the beginning of your senior year.

Submit a completed "Nomination for Departmental Honors" form to the Registrar's Office by the end of the second week of the first semester of your senior year.

Check your degree plan carefully with your advisor to be sure that you are on the graduation track, and will have a 2.0 average at Centenary in your major.

Questions regarding academic regalia should be addressed to the Bookstore.

Refine résumé and interview skills; implement strategies to reach post-graduate goals. The Career Center will assist you.

Transfers and Second Degree

Send transcripts of all previous study to the Office of Admissions immediately.

Register for English 101 if not previously taken with at least a C.

Read under **Sophomores** and **Juniors**.

Fill out and submit to the Registrar's Office an application to graduate in the Spring. This must be done no later than two semesters prior to your anticipated graduation date.

Work with the Career Center staff to develop a résumé and identify (establish) a list of references.

Academic Regulations

Admission to the College and attendance in classes are conditional upon acceptance of and compliance with the rules and regulations of the College as now established or hereafter revised. **It is the responsibility of the student both to know the rules of the College and to abide by them.**

The most important of these rules—those which constitute the very foundation upon which the educational program of the College rests—are contained in the Honor Code of Centenary College. As a condition of admission to and registration in the College, every undergraduate student must agree to comply wholly with the provisions of the Code. These provisions, along with other regulations governing College life, are published annually in the student handbook known as *The Centenary College Student Handbook*. The Honor Court also periodically publishes a booklet containing explanations and interpretations of the Code and its implications. Campus parking and traffic regulations are published in another booklet available at the College Business Office.

For the smooth and orderly completion of the chosen academic program and the requirements of the degrees offered by the College, it is essential for the student to become entirely familiar with the contents of the Centenary College catalogue.

The course offerings, rules, regulations, and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its course of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

Faculty Advisors

Each student at Centenary College is assigned a faculty advisor whose duty it is to counsel the student regarding a degree program, vocation, or professional interests, the course schedule for each term, and progress toward graduation, including completion of core and major requirements. Each faculty advisor is available for frequent consultation and will contact advisees for conferences in the case of deficient grade reports and for course planning and registration. Normally, however, it is the student's responsibility to seek advice when needed, and students should not hesitate to contact their advisors at any time.

Each incoming first-year student is assigned a first-year advisor, an advisor who is prepared to advise new students about any major or career path and who might not be a professor in the student's intended major. First-year advisors begin advising students upon admission to the College and usually continue until the student declares a major, changes an initial major, or completes the sophomore year. Transfer students are assigned advisors typically in their declared majors; undeclared transfer students are assigned first-year advisors.

Students, including first-year students, may change advisors at any time. In order to change advisors, the student should first ask a faculty member to serve as the student's new advisor. The student and new advisor should then inform the Registrar's Office by submitting a Change of Advisor/Major Form. The student or new advisor should also inform the previous advisor and request that the student's file be transferred to the new advisor. Seniors and juniors who have filed a degree plan must be advised by a faculty member in their major department. Students are welcome, of course, to discuss their course schedules and vocational plans with faculty members other than their primary advisors.

The faculty advisor must approve each student's course program for each semester, including any additions, deletions, or other registration changes. After the stated last date to enroll or add courses in a given semester, the faculty advisor's approval must be indicated with a signature on an Enrollment Change form.

Registration

All students are required to register for each session by the end of the formal registration period designated by the College in the official academic calendar. Registration is not complete until the appropriate cards and forms have been completed and all financial arrangements made. A late fee of \$125-415 will be charged for the completion of registration starting with the first day of classes. No registration is permitted after the date specified in the calendar as the "last day for enrolling, adding courses, or changing sections."

Change of Registration

After registration is completed, a fee of \$20.00 is charged for any change of registration (i.e., for each course dropped, added, or modified) not initiated by the College. A change is initiated by the College when the student is required to make the change by an instructor, an advisor, the Registrar, or the Provost of the College. Classes may be added only with the approval of the instructor and the faculty advisor, and may require the approval of the Registrar; this may be done only until the date designated in the calendar. Classes may be dropped with the approval of the instructor, the advisor, and the Registrar until the date designated in the calendar as the "deadline for dropping courses without academic penalty." If a student drops a course or is dropped by a professor after this day, a grade of "XF" will be recorded for the course. This same deadline applies to changing from "credit" to "audit" or vice versa and changing a regular registration to "Pass-Fail" registration or vice versa. Forms for initiation of course changes are available in the Office of the Registrar.

A student may change from one major or degree program to another at any time with the approval of both advisors concerned. Forms are available in the Office of the Registrar.

Student Leave of Absence

Students who wish to stop out from the College for one or two consecutive semesters as a result of educational, personal, or financial considerations or because of physical or mental health issues may apply for a leave of absence. The student leave of absence will

facilitate the student's return to the College at the conclusion of the leave as well as ensuring communication between the College and the student during the period of the leave. Students who have been granted a leave of absence do not have to apply for readmission. Leaves of absence must be for a minimum of one semester and a maximum of two consecutive semesters. Students may be granted no more than two leaves of absence during their enrollment at the institution. If a leave of absence is granted during a semester, each course into which the student was enrolled at the time of departure remains on the transcript with a grade of "W". Students who are granted a leave of absence during a semester are ineligible to return to the College for the following semester. Students on leaves of absence must be in good financial standing with the College to be eligible to return to the institution. Students who wish to apply for a leave of absence should contact the Office of the Vice President for Student Development.

Withdrawal

If it should become necessary for a student to withdraw from the College, permission must be secured from the Provost of the College. Permission will not normally be given except in case of emergency after nine weeks of the semester have elapsed. The student must discharge all financial obligations to the College and be cleared by the College library in order to receive the Provost's approval. *Failure to attend classes does not constitute withdrawal, and if students leave the College without completing the withdrawal procedures, they will receive a grade of "F" in all courses in which they were registered and will forfeit any right to refund of fees.* Credit for completion of service-learning or career exploration will be recorded if a student completes these components prior to withdrawing from school.



Auditing Courses

Students classified as full-time by the College may, with the consent of the instructor, audit courses free of charge (except if in excess of 18 hours). If they desire the audited course to be recorded on their transcript, they must register officially. Upon notification by the faculty member in charge of the course that the student did not actually attend, notation that the student audited the course will be stricken from the record without right of refund of fees.

Persons who are not Centenary students may also audit most courses in the College course-offering (exceptions are performance and execution courses such as those in theatre, art, and music) for a reduced tuition rate. Registration procedures are simplified for students in this Special Audit program. The cost to audit a course is fifty percent of the applicable tuition and fees related to the course. Consult the Office of the Registrar for information.

Classification

A "regular student" or "full-time student" is defined as one enrolled for credit in at least twelve semester hours of course work. A full-time student in the summer is one enrolled for credit in at least six hours. (To receive full VA benefits on a continuous basis, registration must be for at least six semester hours over the duration of the summer session.)

Regular students are classified as follows: Freshmen are those with fewer than thirty semester hours; sophomores, those with thirty through fifty-nine semester hours; juniors, those with sixty through eighty-nine semester hours; seniors, those with ninety or more semester hours.

When students participate in an overseas program administered by Centenary College, they will be considered "full-time students" when enrolled for credit in at least nine semester hours of course work. Students will pay for the number of hours in which they actually enroll.

Course Load

The normal course load is from fifteen to eighteen semester hours. Special permission must be obtained from the Provost of the College for any student to register for more than eighteen semester hours, and permission will not be given to any student to register for more than twenty-one semester hours. The normal course load at Centenary during the summer is two courses; however, permission may be granted by the Provost for a maximum of nine hours.

Course Sequence

Courses are numbered as follows: 100's – freshman-level; 200's – sophomore-level; 300's – junior-level; 400's – senior-level. (See p. 70 of this catalogue.) Students should not enroll in courses in the upper division (numbered 300 and above) without having taken the prerequisite lower-division courses. Students wishing to take courses numbered higher than their current classification should consult the chairperson of the department concerned.

Courses are also designated as sequential-double numbered year courses. (See p. 72.) As far as possible, enrollment in these courses should maintain the sequence. Students who have failed a course in such a sequence will not be permitted to enroll in the more advanced course without the express permission of the instructor and the Provost. Students who have received an Incomplete grade in a course may, with the permission of the instructor, enroll in the more advanced course.

Class Attendance

The Centenary College faculty and administration believe that regular and systematic class attendance is an important and necessary ingredient of the educational process at Centenary. The College expects students to place a high priority on regular attendance. **Faculty members may establish their own attendance policies.**

Students at Centenary College are responsible for mastery of material presented in the class session of the courses in which they are registered. Members of the faculty are not expected to provide students who absent themselves from class without emergency reason with material (including examinations) covered in class. Faculty members are expected to inform the Dean of Student Life when students are absenting themselves from an excessive number of classes.

Because of Veterans Administration regulations, the faculty must report to the Financial Aid Office any veteran who is absent in excess of three times the number of scheduled class sessions per week. The Director of Financial Aid will notify the Veterans Administration of the absences.

Convocation Attendance

Recognizing the importance of gathering together regularly as a community to learn, reflect, and engage with each other, the Convocation Hour occurs on the first Thursday of each month (excluding December, January, and May) during the academic year from 11:10 a.m. to 12:10 pm. This is a time set aside for reflection, meditation, and intellectual contemplation on Centenary's campus. During the Convocation Hour, no other events may be scheduled on campus by faculty, staff, or students, with the exception of official Board of Trustees meetings and academic classes that begin at noon. All campus offices are urged to close for the Convocation Hour with the exception of those providing essential or emergency services. The Convocations Committee will program the Convocation Hour. The standard deadline for submitting proposals for the Convocation Hour is six months before the planned event.

Examinations and Preparation Week

All students are required to take the written examinations of from two to three hours' duration at the end of the semester in all courses except those in which the material covered does not lend itself to this type of measurement.

As of 8:00 a.m. on the first day of **Preparation Week** no tests other than lab exams may be given. No papers or other class work can be made due unless it was assigned on the syllabus in the first week of the term. Total class activity during prep week may not consume more than a class's typical weekly allotment of time.

Credit

Most courses at Centenary meet either three times a week for fifty minutes each period or twice a week for seventy-five minutes each. Carried successfully for one semester, such courses earn three semester hours each. Courses such as laboratory sciences and activity courses like physical education, musical ensemble participation (e.g., choir, band), theatre productions and performances, etc., earn only one or two semester hour of credit for three class meetings a week.

Grading System

At the end of each semester, letter grades are given in each course. These grades, their general significance, and their equivalent quality points are as follows:

A – work of high distinction; four quality points per hour

B – above average work; three quality points per hour

C – average work; two quality points per hour

D – passing work, but below average; one quality point per hour

F – failing work; no credit, no quality points; hour credit counts as work attempted in calculating averages

XF – the grade recorded for a course dropped after the last day to drop a class; no credit, no quality points; hour credit counts toward work attempted in calculating averages.

P – the grade recorded when a student successfully completes a course under the Pass-Fail system (see below); no quality points; the credit given is not used in calculating averages

CR – credit; the notation recorded when a student fulfills the requirements of a course for which no credit hours are earned; no quality points

NC – non-credit; the notation recorded when a student does not fulfill the requirements of a course for which no credit hours are earned; no quality points

I – incomplete work; given only when emergency prevents the student from completing final examination or other concluding work of the course at the scheduled time. This temporary grade must be removed during the next regular semester by the time listed in the academic calendar (unless an extension is approved by petition), or it is automatically converted to a permanent "F"

IR – in progress; the notation recorded when a student project initiated in one semester is carried over the traditional semester limits because of the nature of the study. The student's faculty supervisor will submit a form, obtained from the Registrar's Office, to the provost for approval.

W – withdrawal; no credit, no quality points (see section entitled "Withdrawal").

Each mid-semester, instructors report to the Provost of the College all grades averaging below "C." These are not permanent grades, but

are used as warnings that improvement is necessary. Both faculty advisors and students receive these deficiency reports; students receiving such reports should immediately consult their advisers. (See Student Handbook for grade appeal policy.)

Grade Appeal Policy

I. Introduction

1. It is the policy of Centenary College that students are responsible for fulfilling prescribed course objectives, completing stated course assignments, and adhering to stated academic standards for each course in which they are enrolled. If an instructor has evaluated a student in a professionally accepted manner, an academic appeal is not warranted. Also, it is an inappropriate recourse for questions of professional competence or academic freedoms. Only charges of arbitrariness, capriciousness, and prejudice are subject to academic appeal.
2. Based on these principles, issues eligible for appeal involve computational errors, application of course rules, adherence to syllabi, consistency and communication of evaluation standards, and expressed bias.
3. Students who believe that their final grade reflects an arbitrary or capricious academic evaluation or reflects discrimination based on race, color, religion, age, sex, sexual orientation, or disability may employ the following procedures to seek modification of such an evaluation.

II. Procedures

1. If a student receives a final grade in a course which he/she believes is unfair, the student should first contact the faculty member involved prior to the end of the drop period of the next academic term.
2. If the student complaint is not resolved, the student may appeal his/her grade to the department chair. It is the student's responsibility to provide a written statement of the specific grievance with all relevant documentation (syllabus, guidelines for papers, presentations, etc.) attached.
3. If the department chair is unable to resolve the grade appeal to the satisfaction of either the student or faculty member involved, or the person giving the disputed grade is the department chair, then a written appeal with all relevant documentation may be made to the Provost and Dean of the College. The Provost may make recommendations to the student or instructor and will try to find an equitable solution to the dispute.
4. All parties to the grade appeal process (student, instructor, or department chair) are to maintain strict confidentiality until the matter is resolved.
5. Any grade change must be forwarded to the Provost and Dean of the College for review and endorsement.

English Proficiency

In the evaluation of all academic exercise, the quality of English used by the student will be considered. Every student in every course is expected to use English that is grammatically correct and logically sound. Every Centenary student is expected to demonstrate a high level of proficiency in oral and written communication. Failure to meet recognized standards of English composition may result in a lower grade in any course.

Repeating Courses

Students who have earned a grade of "D" in a course may repeat the course to improve their grade. Hour credit toward graduation is earned only once per each course. An exception would be for courses which are permitted to be repeated for credit. All grades earned in all repeated courses are used in calculating cumulative grade averages.

Pass-Fail Courses

Students who have attained sophomore standing may register for "Pass-Fail" courses. The usual credit will be given if the course is successfully completed, but the grade will be recorded simply as "P," and the cumulative grade point average is not affected. However, the student must earn at least a "C" to receive the grade of "P." If the course is not successfully completed for a "P," the student is assigned a grade of "D" or "F," and the cumulative grade average will reflect the "D" or "F."

No more than twelve semester hours taken under the "Pass-Fail" system may be attempted toward graduation, exclusive of courses that are only offered "Pass-Fail". A maximum of four semester hours may be attempted "Pass-Fail" in any one semester or term, with the exception of courses that are only offered "Pass-Fail". Courses may not be taken "Pass-Fail" in a student's major or minor department except for module and internships that are approved by the department.

Courses may not be taken "Pass-Fail" that could be counted toward a student's major, minor, or concentration except for module and internships that are approved by the department. Students should be aware of the fact that some graduate schools when reviewing transcripts may consider a grade of "P" as equivalent to a "C" grade.

Academic Progress, Probation and Suspension

1. New full-time, first-time, first-year students must attain a grade point average of 1.5 their first semester at Centenary College.
2. All other students, including those transfers who are in their first semester at Centenary, must maintain a 2.0 'current or cumulative' grade point average every semester they are enrolled at Centenary.
3. Students are placed on academic probation if they fail to meet the above requirements. Students on probation are limited to taking 13 credit

hours in the next term and must complete an action plan developed by the Director of the Student Resource Center. Each student's action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.

4. Suspension is automatic for students who fail to maintain the required grade point average for two consecutive semesters. For students who fail to attend college for a semester or more, the term "consecutive semesters" means the two most recent semesters in which the student was enrolled at Centenary.

5. They must maintain a grade point average of 2.0 or higher in all work taken at Centenary.

6. Suspension is for a minimum of one regular semester. Students under suspension may not count the summer or module semesters as fulfilling the one regular semester requirement, but suspension applies only to the fall and spring semesters. Students who attend Centenary summer school may remove the suspension or probation if they raise their grade cumulative point average above the appropriate level required to remain in good standing.

7. Students under suspension must not expect to be admitted to another institution during this semester, nor will any credit undertaken be transferable back to Centenary.

8. After this minimum period of suspension the student may apply for readmission to the College. Readmission is not automatic, but if granted, the student is readmitted under academic probation.

Eligibility for Participation in Activities

When placed on a second or subsequent probation, students are prohibited from representing the College in any extracurricular activity. Activities that are prohibited include, but are not restricted to, intercollegiate sports; choir; band; staff work on campus media; musical performances; dramatics, including backstage work; cheerleading; participation in Student Government Association and related committees.

Major Fields, Concentrations and Degree Plan

As early as possible after deciding upon a major field, students should, in consultation with their faculty advisors, plan the remainder of their degree programs, so that they may proceed in an orderly way to meet major and degree requirements. Students must file their degree plans, approved by their advisors and endorsed by the Registrar, in the Office of the Registrar before the end of their junior year. Junior and senior transfers are expected to file a degree plan before the end of their first semester of residency. Most students find it advisable to file a degree plan upon declaring a major. Varsity athletes must file a degree plan with the registrar prior to being certified for competition at the beginning of their third (junior) year.

A major consists of a set of courses within one department or one area of concentration totaling from twenty-two to forty-eight semester hours. A major may also consist of a set of prescribed courses from two or more departments totaling from twenty-two to forty-eight hours. A major's curriculum cannot require more than forty-eight of the 124 hours needed to graduate with one degree.

Some programs on campus may choose to offer concentrations within a major. Each major having two or more concentrations will have sixteen to thirty-six hours in common courses (otherwise known as major "core" courses) and twelve to twenty-four hours in distinct courses that differentiate each concentration within the major. The total hours required for these courses should fit within the forty-eight hours allotted to a major. Supportive courses may be required but must be drawn from disciplines that are distinct from the major discipline. It should be clear how these supportive courses are foundational to the major. A student may choose only one concentration within a major.

Students can elect to earn more than forty-eight hours that could count toward a major. Students must take a minimum of twenty hours that are not used to satisfy core requirements and that cannot be used to satisfy requirements for a major (including all concentrations within a major), supportive courses or pre-requisite courses. These twenty hours may not include cross-listed courses which could count toward the major.

A student who transfers more than one half of the upper-division courses required in the field of his major must complete additional hours at or above the 300-level in this major as determined by the chairperson of the department concerned. Because the minimum residency requirement is forty-eight hours, no more than seventy-six transfer hours will be applicable toward a Centenary degree.

Minor

Students may elect to declare a minor in a department outside their major department. A minor is a minimum of sixteen hours with at least six hours in courses above the 300 level. Students must maintain a grade point average of 2.0 or higher in all Centenary College courses within the minor. If a student takes a course that can contribute to the minor, then the grade for that course is included in the GPA calculation. Specific requirements for minors are listed in each department. Students must take courses in their minor subject for a letter grade. Courses taken P/D/F are not acceptable.

Time Limit

If students do not complete degree requirements within seven years after matriculation in this or another collegiate institution, they must complete an additional twelve semester hours at or above the 300 level in their major subject; except that students who attempt to complete degree requirements entirely by part-time attendance may be exempted from this requirement on recommendation of their major department chairperson.

Degree Requirements

1. Requirements for All Degrees

- A. Earn no fewer than 124 semester hours, three of which must be 199 (Module), but no more than six hours of 199 courses may be counted toward the 124 required. (Students in 3-1 and 3-2 preprofessional programs will meet only the module requirements of the program.) No more than eight hours may be earned in activity courses. The last thirty semester hours required for graduation must be taken in residence. At least forty-eight semester hours must be taken at Centenary. No graduate course may be counted toward the 124 hours of undergraduate credit needed for graduation.
- B. Earn at least thirty hours numbered 300 or above.
- C. Meet the basic requirements for the degree to be earned.
- D. Meet all requirements for a major field of study.
- E. Maintain a grade point average of 2.0 or higher in all work taken at Centenary.
- F. Maintain a grade point average of 2.0 in all Centenary College courses within the major. If a student takes a course that can contribute to the major, excluding supportive courses, then the grade for that course is included in the GPA calculation.
- G. Discharge all financial obligations to the College.
- H. Meet the requirements of a catalogue published in one year of attendance and within five years of the proposed graduation date.
- I. Submit to the registrar an approved degree plan and an application for graduation candidacy by the deadlines printed in the catalogue under "Graduation Candidacy."
- J. Be approved for graduation candidacy by the Centenary faculty and Board of Trustees.
- K. Be present at the Commencement exercises to receive the degree conferred, unless an exception is approved by the Provost's office.

¹ ATHL 101-102, EXSC 201, 211, 391; THEA 100; DANC 101, 123-128, 201, 301, 401; Music 133; 151 through 160.

2. Core Requirements for All Degrees

The core experience at Centenary College includes an integrative introduction to the challenges that confront humankind in the early 21st century, the development of foundational critical thinking and expression skills, with an emphasis on human artistic and cultural accomplishments, an appreciation for symbolic reasoning, the nature of the material universe and an exploration of human behavior.

Challenges: The challenges that confront us are complex and multi-faceted. They must therefore be understood from multiple perspectives and using a variety of approaches. Students are therefore required to take a set of challenge courses in which significant instruction is delivered by faculty members from each of the divisions: *Humanities, Social Sciences, and Natural Sciences*. Students will explore the following challenges in at least three challenge courses:

- Expanding Our Circle
- Creating a Sustainable World
- Living a Meaningful Life

Foundations: The traditions of a liberal arts education help people to develop the habits of well-ordered thought. A grounding in the foundations of the liberal arts will allow students to pivot to face the 21st century challenges as they evolve and to derive approaches to new challenges as yet unidentified. Therefore, students are required to take

- FYE 101 (4 hours, must take the course within their first 24 credit hours of enrollment) and English 101 (4 hours, must take the course no later than sophomore year)
- 5 courses (16-20 hours) distributed across the following disciplines chosen from a list of approved courses (to be added later).
 - Natural Sciences (*courses through which students explore the nature of the material universe*) 1 course plus lab (4 hours)
 - Social Sciences (*courses through which students examine human behavior through systematic analysis of data*) 1 course (3-4 hours)
 - Humanities (*courses in which students critically analyze and evaluate human artistic and cultural accomplishments. Students may – and are encouraged to – take up to four hours in fulfillment of this requirements in courses that teach aesthetic appreciation through performance or production*) 2 courses (6-8 hours)
 - Symbolic Reasoning (*a course in which students develop a facility in and appreciation for symbolic reasoning*) 1 course (3-4 hours)

Note : An individual course may count for both foundation and challenge requirements. However, a student may not count a single course for both a *foundations* course and a *challenges* course, although a course may satisfy either category for different students.

Additional Graduation Requirements:

- BA: proficiency in a language other than English equivalent to the first year
- BS: proficiency in mathematics equivalent to a course in calculus and a second course in calculus or one semester in statistics
- TREK requirements

Foundations courses:*Foundations: Humanities*

- ART 101, 102, 151, 250, 290, 291, 305W, 306S, 310, 321
- COMM 151, 180, 250
- EDUC 205
- ENGL 102, 201, 219, 262, 278, 290, 291, 301, 321, 322, 323, 333, 341W, 361, 362S
- FLNG 393, 394
- FREN 308, 415, 416, 419, 421
- HIST 102, 103, 205, 206, 301, 303, 312, 333
- MUS 105, 143, 360
- PHIL 101, 102, 202, 206, 212, 302, 309
- PSC 208
- REL 101, 102, 111, 160, 203, 204, 205, 230, 260, 280, 284, 305, 308, 310, 320, 332, 340, 411, 415, 420, 430
- SPAN 315, 316, 317, 318
- THEA 111, 112, 208, 220, 307, 308, 320

Performance courses

- ART 211, 212, 330, 331, 332
- DANC 101, 201, 301, 401
- MUS 133, 140, 170, 205, 270, 305, 370, 470

Foundations: Symbolic Reasoning

- CSC 107, 207
- MATH 102, 104, 107, 109, 115, 201
- PHIL 201

Foundations: Natural Sciences

- BIOL 101, 202, 204, 350
- CHEM 105/115, 121/123, 122/124
- GLG 101, 103, 202, 208
- NEUR 101
- PHYS 103/113, 104/114, 105/115

Foundations: Social Sciences

- BIOL/PSY 403
- BUSN 301
- ECON 105, 211, 212, 305
- EDUC 202, 302
- PSC 102, 103, 110, 111, 310, 325, 335W, 336W
- PSY 101, 305, 319, 325
- REL 303
- SOC 101, 112, 202, 221, 303, 305, 308, 310S, 316, 317, 334, 354, 364, 404

Challenge courses arranged by mode of inquiry:*Challenge in Humanities*

- ART 201, 291
- COMM 180
- ENGL 201, 301S
- ENST 290
- HIST 302, 305, 306, 322
- MUS 101, 105, 360
- PHIL 102, 202, 212, 303S, 312
- REL 101, 102, 111, 203, 204, 230, 260, 265, 284, 308, 303S, 332, 340, 411, 415, 420W, 430W
- SPAN 317
- Various 290 courses as approved

Challenge in Social Science

- ECON 105, 305
- PSC 103, 311, 327, 356
- PSY 305, 319, 325
- SOC 202, 308, 310, 316, 317, 354, 364, 404
- Various 290 courses as approved

Challenge in Natural Science

- BIOL 212, 350S
- CHEM 105
- GLG 103, 208, 442
- NEUR/PSY 350S
- Various 290 courses as approved

Challenge courses arranged by challenge focus:*Challenge: Expanding Our Circle*

- ART 201, 291
- COMM 180
- HIST 306, 322
- MUS 105
- PHIL 102, 312
- PSC 103, 311, 327, 356
- REL 111, 204, 284, 308, 332, 340, 430W
- SOC 202, 308, 317, 354, 364
- SPAN 317

Challenge: Creating a Sustainable World

- BIOL 212
- CHEM 105
- ECON 105, 305
- ENST 290
- GLG 103, 208, 442
- HIST 302
- PHIL 202, 212
- PSY 305
- SOC 316

Challenge: Living a Meaningful Life

- BIOL 350
- ENGL 315
- HIST 305
- MUS 101, 360
- NEUR 350
- PHIL 260, 301, 303S
- PSY 325
- REL 101, 102, 203, 204, 230, 260, 265, 303S, 411, 415, 420W
- SOC 310, 404

Challenge: Challenge area will vary depending on course topic

- ENGL 201, 301S
- Various 290 courses

3. Proficiency Requirements

A. Take at least one course that is described as a W (writing) course. The W (writing) courses offered at the 300 level require a minimum of 12 typed pages of graded writing. The 12 pages may be small papers or one major paper. As indicated on course syllabi, the student must prepare these papers to demonstrate computer proficiency. Students needing assistance with word processing software should contact the course instructor, who will refer the student to the Student Research Center, the writing lab, or consult the tutorial program in the library.

B. Take at least one 300 level course that is described as a S (speech) course. The oral presentation for a course fulfilling the requirements for a S (speech) course should consist of at least 45 minutes of total graded speaking time per student. The presentation(s) should be critiqued and graded on content and speech delivery. The speech(es) should contain prepared as well as spontaneous interaction to questions. Evaluation sheets will be completed for each presentation. Students with problems in speech presentation should have an opportunity to review critiques and make a second presentation. The emphasis is to improve oral communication skills in English. The professor will notify the Registrar of any students who fail to satisfy the S requirement. No transferred courses will be considered for satisfying the S or W requirement of the College.

C. The S and W requirements are two distinct requirements and can only be fulfilled by taking two distinct courses. These courses do not necessarily have to be 3-hour courses.

4. Module Requirement

During the Module, departments of the College offer courses whose topics vary from year to year. These are listed as 199 courses. The purpose of the program is the enrichment of the liberal arts curriculum by concentrated study for a short period on topics of general or specialized interest not normally offered in courses. Some of the courses will involve study off the campus, either at other institutions or in the field.

Students must complete one Module course for graduation, but two Module courses may be accepted toward the 124 hours required for graduation. Centenary College will accept as many as two Module courses from other institutions, provided such courses have clearly been taken as Module courses as defined by our own regulations. As set forth above, no more than six hours of 199 courses may be counted toward satisfaction of the minimum 124 semester-hour requirement for degree; but students who exceed the minimum number of hours for graduation may of course register for additional Module courses. Students may take only three semester hours during the Module. Each course is designed to occupy the student's full time in class, study, research, and independent projects. Module courses cannot be used to fulfill core requirements. With the approval of a student's major department, Module courses may be used to fulfill a major requirement. Module courses are taken "P/D/E;" see p. ___ for details. Module courses will not count toward the total 11 P/D/F hours allowed for graduation. Students completing summer, semester or academic year study abroad programs will be exempt from the May Module requirement. In order to receive this exemption a student must be awarded a minimum of three hours of credit through participation in a study abroad program.

5. Trek Requirement

By connecting the theoretical with the practical, the domestic with the international, the scholarly with the social, Trek encourages a lifelong dedication not only to learning but also to serving others. Our mission is to incorporate into Centenary's required curriculum distinctive, experience-based programs for students to enhance their self-knowledge and social awareness through career and graduate school preparation, intercultural engagement, and civic involvement.

A. Career

To enhance awareness of the career decision making process students will explore a palette of options: career related coursework on the Centenary campus, professional internships or directed research activities.

B. Intercultural Experience

All students will participate in at least one experience of living and learning in another culture prior to graduation. Typically this experience will be undertaken during the sophomore or junior year and will be selected from a number of approved options. A list of these options is available through the Office of Intercultural Affairs.

C. Service-Learning

All students will participate in a service-learning project which should be completed the semester before the student intends to graduate. The College's Service-Learning Program, Christian Leadership Center, and academic departments with service-learning projects, courses and/or modules offer opportunities to fulfill this requirement. There is a list of projects approved for service-learning credit available through the Service-Learning office. Independent projects will be considered on a pre-approved basis.

Transfer Credit for Admitted Students

Centenary students may enroll in courses at other accredited colleges and universities and transfer credit hours to Centenary. The following policies will apply to all students who have been admitted to Centenary and who wish to transfer credit after their admittance.

1. Credit may be transferred only from other accredited colleges and universities in which a grade of "C" or better (or a "P") has been earned, and only for courses in academic disciplines offered at Centenary. Some courses not regarded as college level (such as remedial course work) or as consistent with the liberal arts tradition may not be transferred or credited towards a degree. Grades from other institutions are not transferred.

2. Electronic and distance learning courses will be treated as regular courses if under the direct supervision of Centenary faculty, the appropriate contact hours for faculty and student interaction are maintained, and these courses are administered within the regular semester or module structure. These criteria will also be applied to evaluate credit sought for distance learning from other colleges.
3. After earning sixty-four (64) transferable semester hours at a two-year post-secondary college, a student may not transfer additional credit from a two-year post-secondary college.
4. No transferred courses will satisfy the "S" or "W" requirements at Centenary.
5. Grades from institutions with different grading scales (e.g. European schools) will be evaluated accordingly. Transfer courses taken on a Pass/Fail basis must be passed with an equivalent grade of "C" or better. Confirmation of such a grade must be received by the Centenary Registrar before the course will be accepted for transfer credit.
6. Official transcripts for all credits attempted must be sent to the Centenary Registrar from all institutions where the transfer credits were attempted. This policy includes situations where the student withdrew without receiving credit.
7. Prior to enrolling at other institutions for transfer of credit to Centenary, students must complete and submit the "Transfer of Credit" form available through the Centenary Registrar's Office. This form guarantees the transfer of credit for the student once its information has been confirmed and approved. Failure to submit this form or to abide by the terms of its approval could result in students enrolling in a course that cannot be transferred to Centenary.
8. Credits earned elsewhere do not transfer to Centenary if, the credit is earned during a period of time the student is on Academic Suspension at Centenary or any other institution.
9. The credit is earned during a period of time the student is concurrently enrolled at Centenary should the transfer hours attempted cause the student to exceed 18 hours of enrolled credit (9 hours in the summer session) without prior permission from the Centenary Provost.
10. Such credits would replace credits earned at Centenary for equivalent courses.
11. An evaluation of the student's degree plan shows that such credit is earned subsequent to completion of a Centenary degree.

Graduation Candidacy

Students assume responsibility for informing the Registrar's Office of their intentions to graduate from Centenary by (1) filing an approved degree plan with the Centenary Registrar and (2) applying for admission to graduation candidacy. The registrar evaluates degree plans and monitors each candidate's progress toward degree completion for each semester of the academic year leading up to graduation. All candidates' names are posted to a graduation list which forms the inclusive group presented to the Centenary faculty and Board of Trustees each spring. A candidate must be approved by both the faculty and the Board to participate in commencement and receive a Centenary diploma.

Students must **apply to graduate** seven months prior to the conclusion of the fall or spring most closely associated with when they expect to finish their degree requirements. That is, students planning to graduate at the end of the spring, module or summer terms must apply by the end of the preceding October; students graduating in fall must apply by the end of the preceding June. Students are encouraged to apply in advance of the seven month deadline. Seniors who have applied to graduate and then delay finishing must inform the registrar of their changed intentions, but are exempt otherwise from the seven month pre-notification period.

A **degree plan** must be filed before they apply for candidacy for graduation. Students must submit their degree plans prior to attaining Senior status.

Classification as a candidate does not guarantee that a student will graduate. Students can be added to and removed from the candidate list. Once removed from this list, a student must reapply for candidacy. The candidacy list is maintained by the registrar, and its names are posted to the registrar's webpage. In accordance with the Family Education Records and Privacy Act (FERPA), candidates' names will not be listed on this public website if a candidate requests exclusion in writing at the time of application.

During the academic year of their candidacy, students are eligible to participate in graduating senior activities (including commencement ceremonies in May) and to receive their Centenary diplomas. To receive a diploma, a candidate must satisfy all degree requirements no later than 4:30pm on the last Wednesday preceding the Saturday commencement service each May.

A candidate's graduation date is posted to the transcript at the end of the fall, spring, module or summer term in which all degree requirements are completed. Diplomas are conferred at the conclusion of the spring semester. Candidates who graduate at the end of module or summer terms participate in the subsequent spring's commencement and receive their diplomas at that time.

Commencement

In order to process or receive a diploma, students must fulfill all degree requirements and fulfill all financial obligations to the College prior to the date of commencement.

Double or Multiple Majors

Students who satisfy all requirements of more than one major in a single degree may have all majors entered upon their transcripts. Students who meet all requirements stated in the Section, "Second Degree," may receive two diplomas simultaneously for work earned in two or more major fields of study.

Second Degree

To qualify for a second baccalaureate degree, graduates of Centenary must present a minimum of thirty additional semester hours. Students with a baccalaureate degree from another institution must meet all core requirements, either by acceptable credits transferred from the first degree or by work at Centenary, and successfully complete a minimum of forty-eight hours in residence. Students must meet the degree requirements listed on pp. 55-60, and meet all requirements of the catalogue of the year they enrolled for the second degree and complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary. Students who satisfy all of the requirements for a second degree may have both degrees conferred in a single ceremony and will receive two diplomas. Students may lose eligibility for undergraduate financial aid once they earn a baccalaureate degree. They should check with the Financial Aid Office before determining whether to earn two baccalaureate degrees simultaneously.

Students may take a maximum of six semester hours "Pass-Fail." However, the total number of "Pass-Fail" hours under both first and second degrees may not exceed eighteen semester hours. (See exceptions under "Pass/Fail Courses.") Students wishing to apply to a second major a Pass-Fail course taken under the first degree should consult the chairperson of their major department.

Correspondence Credit

Centenary College does not offer correspondence courses, but a limited amount of elective credit may be earned by correspondence study with accredited colleges and universities. Centenary will accept only those courses which the college or university offering the correspondence study will accept toward its own baccalaureate degree. Neither courses in the student's major field nor courses offered in satisfaction of core requirements may be taken by correspondence.

Taking of courses by correspondence for Centenary credit is permitted only by special arrangement with the Provost of the College, and students taking such courses may have to pass a special examination at the Provost's discretion or that of the chairperson of the department in which the student is majoring.

Academic Petitions

The faculty has established a procedure to act on the requests of students for exception to, or waiver of, academic regulations. See the Registrar for petition forms and for information on what issues may or may not be petitioned. Prior to drafting the petition the student must consult with his or her advisor.



Academic Honors and Organizations

Graduation Honors

The baccalaureate degree is awarded with special distinction to graduating seniors with cumulative averages of 3.5 or better. Candidates with averages between 3.5 and 3.69 are graduated *cum laude*; those with averages between 3.7 and 3.89, *magna cum laude*; and those with averages 3.9 and above, *summa cum laude*. To be eligible for honors a student must have at least 60 graded hours (hours used for the calculation of ones GPA) taken at Centenary. The overall average of all work attempted at Centenary and elsewhere will be used to determine eligibility for honors as well as the level of honor earned.

Dean's List

Students who have achieved a grade point average of 3.50 or better in twelve or more semester hours taken at Centenary for a letter grade are accorded the academic honor of being on the "Dean's List."

Honors Programs

Academic departments and programs at Centenary may invite students of outstanding ability to participate in Honors programs. These programs have been designed by the different academic programs and approved by the Course Review and Petitions Committee. Honors programs include opportunities for independent study with an accompanying paper, a substantial research report, or, in the case of the arts, a project to be decided by the individual program. The research or project may in some cases be done during the summer. All students working toward honors are required to present their independent study paper, research paper, or project at the Student Research Forum or at some other program-approved forum.

To be eligible for Honors in a department or program, a student must have attained a grade point average of 3.25 in both major course work and overall course work. In order to be invited to participate in an Honors program a student must have attained junior standing and must have completed at least thirty hours of graded course work at Centenary. Some departments may have additional requirements for a student to be eligible for invitation to, or completion of the Honors program. A student must have participated in the program for at least two semesters and the department must certify that all work required by the program has been completed satisfactorily before honors are awarded at commencement. Some departments may accept research carried out at another institution under the direction of a research supervisor not otherwise affiliated with Centenary College as the research component of the Honors program. Consult individual departments for details.

Students entering the Honors program must collaborate with a faculty supervisor. The student and the supervisor will select one or more other faculty members who will join with the supervisor in a committee to oversee the student's project. One committee member must be from outside the student's major or program. When the committee is formed, the application/eligibility form must be filed in duplicate with the registrar. Upon completion of the project, all committee members must again sign the application form reporting the results.

Attainment of honors through successful completion of this program does not supplant traditional graduation honors (see above). Thus a student may graduate "Bachelor of Science with Honors in Mathematics" magna cum laude, or "Bachelor of Arts with Honors in English," or "Bachelor of Science in Biology" summa cum laude.

Interested students should consult the chairperson of their major department or the department in which their program is administered for specific information.

Honor Societies

The highest academic recognition that can come to a Centenary student is election to Alpha Chi, national scholastic honor society for juniors and seniors with a 3.5 cumulative average. Omicron Delta Kappa, national honorary fraternity for men and women, recognizes leadership, scholarship, and service in various fields of activity. Outstanding students are elected to this fraternity from the junior and senior classes by members of the circle. Membership in the Maroon Jackets is another of the high honors that can be bestowed upon a Centenary student. The Maroon Jackets are selected from among students who will be entering their final year, who have excelled scholastically (3.0 average required) and have shown outstanding leadership and service to the College. They are the official hosts and hostesses of the College, representing Centenary at all functions of major importance.

A number of honorary fraternities and service organizations which recognize scholarship in a particular field have chapters on the Centenary campus. These include: Alpha Epsilon Delta, a national honor society for premedical students who have a 3.0 average; Psi Chi, a national honor society for Psychology majors or minors with an overall cumulative GPA of 3.0 and who rank in upper 35% of their class; Pi Delta Phi, a national honor society for French majors who have a 3.0 overall average and a 3.0 average for all French courses (must include upper division courses); Sigma Beta Delta, national honor society in business, management, and administration – candidates for bachelor's and master's degrees who rank in the upper 20% of their class may be inducted into the society; Sigma Gamma Epsilon, honorary fraternity for students with a 3.0 cumulative average in 10 hours of geology and 2.7 overall average; Sigma Pi Sigma, honorary physics fraternity for students with a 3.0 average and three hours of advanced physics; Kappa Pi, national art fraternity; Sigma Tau Delta, national English honor society; Phi Beta, national speech and music fraternity; Alpha Kappa Delta, national sociology honor society; Phi Alpha Theta, international honor society in History; Phi Eta Sigma, national honor society for college freshmen; and Phi Mu Alpha, the national professional music fraternity for men; Pi Gamma Mu, international honor society for social sciences; Pi Sigma Alpha, a national honor society for Political Science majors who have obtained a 3.0 average.

Honors Awards

Each Spring awards are given in recognition of outstanding performance in many areas of the College community. The following list represents a sampling of the awards presented.

Accounting Student Award

The Society of Louisiana Certified Public Accountants presents an award to a graduating senior accounting major with a 3.75 minimum overall grade point average.

Alpha Epsilon Delta Award

This award recognizes the A.E.D. initiate with the highest grade point average.

Alpha Kappa Delta Award

A plaque is presented to a junior or senior with twelve or more hours of sociology studies, an overall grade point average of 2.5 and a grade point average of 3.0 in sociology.

Chris T. and Sue C. Barnette Memorial Award

The award goes to the outstanding junior or senior majoring in history or political science with a concentration in International Studies.

M. T. Brewerton Award Fund for English and History

Awarded to the outstanding graduating senior majoring in English and to the outstanding graduating senior majoring in History.

Ellis H. Brown Leadership Award

These awards are presented to the senior man and woman who, throughout the years at Centenary, have displayed outstanding leadership qualities among the student body.

Minnie Hall Brown and Wiley Bush Brown, Jr. Award

This award is given in memory of Minnie Hall Brown and Wiley Bush Brown, Jr. It is awarded to a sophomore level Mathematics major who has a 3.0 or above.

Shannon Brown Choir Service Award

This award is given to a new choir member based on his/her service to the Choir.

Virginia Carlton Mathematics Award

A book is presented to the freshman who has had one year of calculus and who has accomplished the most in mathematics, maintaining a minimum 3.5 grade point average.

C R C Press Chemistry Award

A commemorative scroll and the current edition of The Handbook of Chemistry and Physics are presented to a freshman student who has shown outstanding achievement.

Chemistry Academic Award

An award to a graduating senior in chemistry and/or biochemistry who has achieved academic excellence and service to the Department of Chemistry.

Tip Davidson Award

A plaque is presented to the graduating senior receiving the B.S. degree in Health and Physical Education who has shown physical education, intramural and recreation leadership for the Centenary Community, and whose personal lifestyle best reflects the values of physical fitness.

D. L. Dykes Founders' Award

At their Endorsement Service an award is presented by the Christian Leadership Center to a student who has demonstrated excellence in his/her field education and field work settings.

Education Hall Of Fame

Cash awards are presented to the outstanding graduates in elementary and secondary education. In addition, their names are engraved on a plaque which is located in the Department of Education.

Estwing Manufacturing Company Award

A rock hammer is presented to the most outstanding graduating senior majoring in geology.

Hallquist Elementary Education Award

Given to the outstanding senior majoring in Elementary Education.

John A. Hardin Award

A book is presented to the most outstanding senior mathematics major who has a 3.5 minimum grade point average and has shown potential creativity in the field of mathematics.

Health And Exercise Science Award

Plaques are presented to the man and woman receiving the B.S. degree in Health and Exercise Science who have maintained high grade point averages and displayed evidence of departmental leadership and professionalism.

Bettina C. Hilman Award for Academic Excellence

Awarded to the senior pre-med student who has achieved academic excellence in overall pre-med science studies.

A. J. and Nona Trigg Hodges Choir Spirit Award

Presented to the man and woman voted by their peers to be members who most portray the spirit of the choir.

Rob Laha Memorial Award for Excellence in Theater

Recognizes a Centenary student who has demonstrated an exceptional talent within the theater program during his or her undergraduate career.

P. B. Lindsey Freshman English Award

This fund was established to recognize outstanding academic performance by a freshman English major with promise in distinctive creative writing.

McFaddin Latin Award

For a graduating senior who has made the highest GPA in a full three years of Latin.

Meadows Museum of Art Student Assistantship Award

For a senior who plans to go into the field of visual arts, museum work or arts management.

R. Thomas Merrill Memorial Award

A check is presented to the students who have demonstrated outstanding performance in French and Spanish.

C. Wright Mills Award

An award is presented to the sociology major best exemplifying C. Wright Mills' vision of promise of sociology and demonstrating sociological imagination.

Poppy K. Moon Endowed Award

Awarded to the outstanding female natural science major who is in her junior or senior year of study.

Outstanding American History Student

The Colonial Dames of America, Chapter 6, present a check to the student who has the most outstanding record of academic success in American History.

Outstanding Freshman Music Major Award Shirley Hawn Award

A plaque is presented to an outstanding freshman music major.

Outstanding Graduating Music Major Award

A plaque is presented to a music major completing the senior year.

Sam P. Peters Omicron Delta Kappa Leadership Award

Awarded to a first-year Centenary student with outstanding character, performance and leadership.

Thomas A. Pitt Memorial Award

A check is presented to the junior or senior student planning a church-related career who has demonstrated significant academic performance as evidenced by the grade point average in religious studies.

Dr. W. Ferrell Pledger Honor Award In Sociology

A check is presented to the sociology major graduating with the highest grade point average. The recipient's name is also engraved on a departmental plaque.

Psychology Award

A check is presented to the outstanding psychology major chosen by the department.

Cecil E. Ramey, Jr. Frost School Of Business Award

A check is presented to an outstanding senior chosen on the basis of scholarship, leadership, character, and service to Centenary College.

Charles M. Ross Scholarship Award

Two \$1,000 scholarships are awarded seniors committed to world service for graduate training in the fields of religion, sociology, medicine and education.

Verba J. Schwab Memorial Endowed Leadership Award

This award, in memory of Mrs. Verba J. Schwab, was created and established by Dr. Kenneth L. Schwab to recognize a first or second year female student at Centenary College who demonstrates the capacity for significant leadership. The recipient must possess a strong character, demonstrate an enthusiastic commitment to others, and maintain a grade point average of 2.5.

S.G.A. Bullet Award

The Student Government Association recognizes a senator, officer or chairperson for outstanding service to Centenary through the S.G.A.

James Sears Award

Presented to a student pursuing a church-related career who has made a substantial contribution to the Christian Leadership Center community.

Sigma Tau Delta Award

The name of the senior student graduating in English with the highest cumulative grade point average is engraved on a plaque which hangs in the Library.

Katherine Slaikeu Nolan Award for Historical Research

Recognizes the Centenary student who has demonstrated an exceptional talent for historical research during his or her undergraduate degree.

Bentley Sloane CSCC Alumni Award

Presented at the Christian Leadership Center Endorsement Service to a Church Careers or Christian Leadership Center alumni who is recognized for professional achievement in a church-related vocation.

Audrey M. Smith Endowed Poetry Award

Awarded to a full-time first year Centenary student who participates in and wins a poetry contest.

Dean R. E. Smith Religious Leadership Award

A check is presented to the student who has been highly involved in and made significant contribution to the religious activities program.

W. A. Tarr Award

Sigma Gamma Epsilon National Earth Science Honor Society presents a certificate to the individual who has contributed the most to the chapter's activities and welfare, and who best exemplifies the traditions of the society.

Vronland Psychology Award

Awarded to a psychology major planning to attend graduate school. If none, then awarded to the outstanding senior in Psychology.

Vronland Secondary Education Award

Awarded to the outstanding senior in Secondary Education.

Dr. Leroy Vogel Memorial Award

A check is presented to the outstanding graduating senior majoring in political science, based on overall academic achievement in his or her major.

Herr R. Johnson Watts Award

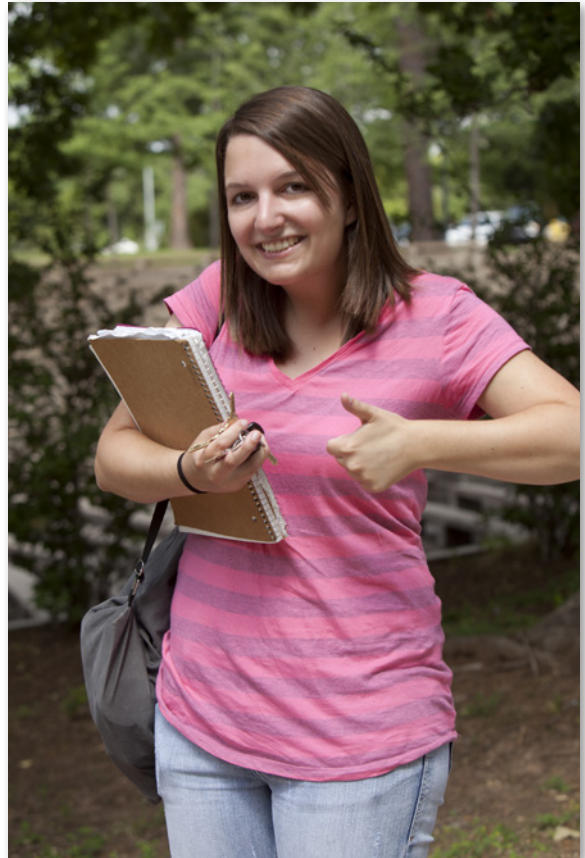
For a student in the Foreign Language program who is studying German or the classics. Award is given to a student who has a great appreciation of the languages.

Weems, Shimpf, Gilsoul, Haines & Carmouche Pre-Law Award

The recipient is selected from a third year pre-law student who achieves excellence in pre-legal studies.

Who's Who Among Students In Universities And Colleges

Certificates are presented to seniors selected on the basis of grade point average, leadership, service to the college community, and potential for future achievement.



Courses of Instruction

Degree Offerings

Centenary College offers two undergraduate degree programs, one leading to the Bachelor of Arts and another to the Bachelor of Science.

B.A. degree programs include the following majors:

Art
Biology
Communication
Economics
English
French
Geology
History
Individualized Major
Mathematics
Music
Philosophy
Political Science
Psychology
Religious Studies
Sociology
Theatre

B.S. degree programs include the following majors:

Biochemistry
Biology
Biophysics
Business Administration
Chemistry
Geology
Individualized Major
Mathematics
Neuroscience
Psychology

B.S., B.A. combined degree in Engineering

Individualized Major

Many students will imagine complexes of courses that transcend the College's usual majors and cater to students' particular interests. In order to encourage such inventive thinking, Centenary offers its students the opportunity to construct an Individualized Major.

Students who wish to pursue this option work with an advisor of their choosing to develop a proposal that explains which courses they want to take, how these are related, and how they will integrate their work in a final project.

Courses taken within the Individualized Major may also be used to fulfill Core requirements.

Outline of the procedure for the Individualized Major:

The individualized major will draw courses from at least two departments and will not exceed 45 hours, 18 of which must be at the 300 level or above. Students pursuing individualized majors must complete the usual Core requirements and any other requirements specific to the degree (BA/BS) they are pursuing.

- a. The student identifies a faculty advisor in an appropriate area who is prepared to supervise the individualized major.
- b. Together, the student and advisor develop a proposal that
 - names and describes the major the student wants to pursue;
 - identifies the courses and experiences (internships, study abroad, etc.) that will make up the major;
 - explains how these courses and experiences are integrated;
 - describes a summary project taken as an independent study (GED 491-493) and supervised by the sponsoring advisor that

integrates the various aspects of the major.

c. The student obtains the signatures of the chairs of all departments contributing to the major, confirming that they endorse the proposal.

d. The student submits the proposal along with a completed degree plan to the Registrar, who will review both to ensure that they meet College requirements.

e. The Registrar sends the Proposal along with his or her endorsement to the Course Review and Petitions Committee, who reviews it to ensure that the proposed degree is consistent with the academic goals and mission of the College.

f. At the request of the Registrar or the CRPC, the proposal and degree plan will be reviewed by the Provost.

The procedures for applying for an Individualized Major are available from the Registrar's office and homepage.

Academic Programs

Centenary is primarily a liberal arts college; it is nonetheless, sensitive to the special professional and vocational needs of students in the 21st century. With these needs in mind, the College offers a variety of programs specially designed to provide students the requisite training in a particular field so that they will have, upon graduation, a choice of options such as graduate study, additional professional training in a business or industry, or direct entry into a career.

A program, defined in terms of these special needs, is a formalized body of academic courses and practical field opportunities intended for the student who wishes to explore pre-professional preparation or to enter a career directly upon graduation. The academic and practical experiences are designed to assist the student in developing skills, insights, practical information, and academic background that relate to definite career choices.

Students interested in a program should apply to the program coordinator for a plan of study and field experiences. Students may enter a program no earlier than the sophomore year; normally, field experiences will not begin until the junior year. Programs and majors should not be confused; they are two different entities. The course work in any program does not constitute a major. For example, biology and chemistry are majors; pre-medicine is a program; religious studies is a major; church careers is a program.

While Centenary College encourages participation in a program, it is possible for a student to have a major and not be enrolled in a program. However, it is not possible for a student to receive a degree from Centenary College solely by participating in a program; he or she must also have a major.

Pre-Professional Programs

Certain programs are designed to prepare the student for graduate and professional school. The following is a list of the current pre-professional programs and program coordinators:

Christian Leadership Center	The Reverend Valerie Robideaux
Dentistry	Dr. Scott Chirhart
Engineering	Dr. Troy Messina
Law	Dr. Chris Parker
Mathematics	Dr. David Thomas
Medical Technology	Dr. Beth Leuck
Medicine/Pre-medicine	Dr. Scott Chirhart
Occupational Therapy	Dr. Scott Chirhart
Pharmacy	Dr. Scott Chirhart
Physical Therapy	Dr. Scott Chirhart
Physician Assistant	Dr. Scott Chirhart
Veterinary Medicine	Dr. Scott Chirhart

Allied Health Fields

These programs are designed to allow students to major in any Department of Centenary College while they also pursue preparatory courses for graduate study in one of the following areas: Health Administration, Medical Technology, Occupational Therapy, Pharmacy, Physical Therapy, and Physician Assistant. Please see program coordinators for further information.

The 3/2 program in Speech-Language Pathology/Audiology requires students to complete the specified track in the Psychology department.

Christian Leadership Center (CLC)

The Christian Leadership Center is an academic program for full-time Centenary students who wish to explore ways to integrate their vocational decision with their faith. The CLC offers leadership training to students by exploring topics related to Christian vocation, professional ministry, lay leadership within the church, and mission in community. Yearly topics include: Servant Leadership (2010-2011), Church of the 21st Century (2011-2012), Christian Formation (2012-2013), and Spiritual Disciplines (2013-2014).

Through fellowship in community, theological reflection, hands-on internships, mission opportunities, and small group accountability, Christian Leadership Center students encounter ways they can merge vocation and faith. Students accepted to the Christian Leadership Center commit to a one hour a week class where these topics for ministry are explored, a weekly small group session, four hours of supervised internship per week, and reflection assignments based on their internship experiences, required readings, and theological perspective. At

the end of each year, students receive a Certificate of Completion, recognizing the quality of training received in the topic area. Students who successfully complete three years will obtain a Certificate of Endorsement; a document recognized by many regional faith communities as proof of one's readiness for professional ministry, seminary training, or local church leadership.

Each participant of the Christian Leadership Center, after receiving formal notification of acceptance into the program, will enroll in REL 200. Successful completion of the specific semester requirements of the CLC will be reflected in receiving a one-hour credit and/or continued participation in the program.

The Christian Leadership Center is comprised of persons from many different Christian denominations and traditions. In the midst of such diversity, students learn and grow. Interested students should contact the Christian Leadership Center office (318.869.5156) or christianleadership@centenary.edu. Or visit the website, www.centenary.edu/clc for more information on the program and to apply online.

Pre-Law

The Association of American Law Schools considers it unwise for a college to specify one particular curriculum for all undergraduate students who intend to enter law school. Rather, it advises the student to select a major in a rigorous, demanding, and personally satisfying area of study.

Entering pre-law students who have not selected a particular academic major are assigned to a faculty member designated to assist such students in the choice of a major. Later both the major adviser and the pre-law adviser continue to advise pre-law students.

“Three-Two” Engineering Dual Degree Program (3-2 or Combined Plan)

Centenary, in cooperation with Case Western Reserve University, Columbia University, Texas A&M University, University of Southern California, and Washington University in St. Louis, offers a Dual Degree Program in liberal arts and engineering. (This program is sometimes referred to as a 3-2 Program or a Combined Plan.) Each student under this program pursues concentrated studies in the liberal arts and engineering sciences at Centenary followed by study in professional engineering courses at a cooperating university. Upon successful completion of all degree requirements, the student typically earns a B.A. degree from Centenary and the B.S. degree in engineering from the cooperating university. Students under this program are exempted from the senior seminar at Centenary. Students may work out individual arrangements to complete the engineering degree at a school that does not have a formal agreement by petition. Students interested in the Dual Degree Program in engineering should consult the coordinator of the program as early as possible.

As an alternative to the Dual Degree Program, students may choose to complete the degree at Centenary and pursue either graduate engineering study or a second undergraduate degree in engineering. Some engineering affiliates offer BS/MS programs, which typically can be completed in a total of six years.

Mathematics/Computer Science

This program is designed to enable a student to finish two degrees in five years, a B.A. in mathematics from Centenary and a B.S. in computer science from Southern Methodist University. A student completing this program is prepared to work interchangeably in computer science and other mathematically related fields or to continue study in graduate school either in computer science or in pure or applied mathematics.

Since this program is planned to begin with a first course in calculus, the recommended high school background should include trigonometry and advanced mathematics.

Further information may be obtained from the Coordinator of Programs in Computer Science. (See below.)

Career Preparation

The following is a list of current professional programs designed to prepare students for entry into a career immediately upon graduation; for additional information concerning any of these, contact the appropriate program coordinator.

CHRISTIAN LEADERSHIP	The Reverend Valerie Robideaux
COMMUNICATION (Major)	Dr. Michelle Glaros
COMPUTER SCIENCE	Dr. Mark Goadrich
ECONOMICS	Dr. Christopher Martin
GENERAL BUSINESS (Major)	Dr. Christopher Martin
GEOLOGY (Major)	Dr. David Bieler
MUSEUM MANAGEMENT	Dr. Lisa Nicoletti

Course Listings

On the following pages is a complete listing of the courses offered at Centenary College. In addition, a schedule of classes is published during the semester before each registration period which lists all sections of all courses to be offered during the succeeding session, together with the hour, day, and place of meeting, and generally the instructor in charge of each section.

Courses are numbered according to the class-year in which each is generally most profitably taken: 100-199 for freshmen, 200-299 for sophomores, 300-399 for juniors, and 400-499 for seniors. This is not an absolute restriction, but students wishing to take courses numbered higher than their current classifications should see the chairperson of the department concerned. Courses with numbers beginning with zero

carry no college credit.

Unless otherwise specified in the course description, courses normally offered in the fall semester bear odd numbers, while those offered in the spring semester carry even numbers. Courses with a single number are one-semester courses; those with double numbers are two-semester courses.

Courses organized so that the student may enroll in and receive credit for either half, or in either order, have double numbers separated by a comma: 205, 206. Year courses in which the first half is prerequisite to the second have double numbers separated by a hyphen: 205-206.

Certain special course numberings should be noted: The last digit in courses numbered 47-(Senior Seminar), 48-(other departmental seminars) and 49-(Independent Study) reflect the number of hours credit. On transcripts, the numbers 295, 296, 395, 396 are used by the Registrar to transfer courses for which Centenary has no equivalent but which are acceptable as "Selected Topics."

Courses whose numbers are followed by a W, e.g. 357W, are designated as writing courses and will require a minimum of twelve typed pages of graded writing. The twelve pages may be small papers or one major paper. The focus is on quality of writing in the discipline, using the College style sheet or the acceptable style within that discipline. A vital part of the experience is intervention on the part of the faculty member to assist the student to reach a point of proficiency in writing.

Courses whose numbers are followed by an S, e.g. 395S, are designated as speech courses and will require at least forty-five minutes of total graded speaking time per student. The presentation(s) should be critiqued and graded on content and speech delivery. The speech(es) should contain prepared as well as spontaneous interaction to questions. Evaluation sheets will be completed for each presentation. Students with problems in speech presentation should have an opportunity to review critiques and make a second presentation. The emphasis is to improve oral communication skills.

To earn three hours' credit, the student normally spends each week three 50 minute periods in the classroom, or two or three such periods and three or more hours in the laboratory. The faculty has designated certain activity courses — in music, theatre, physical education, etc. — as one-semester-hour courses (See pg. 42). No more than eight hours earned in such courses may be credited toward the basic degree requirements.

In the following listing of courses of instruction, the number of semester hours awarded for the course is specified to the right of the course title. In the offerings of some natural science departments, the number of weekly hours of class work and laboratory is shown in parentheses at the end of the description; for example, (3-3) indicates that the course requires three hours of lecture-discussion and three hours of laboratory work each week of the semester.



Art and Visual Culture (ART)

Professor: Allen, *Chair*
Professor: Nicoletti

Associate Professor: Glaros
Assistant Professor: Hawkins
Lecturers: Brodnax, Gingles, Hebert, Judkins, King

The Art and Visual Culture Department increases a student's potential for full artistic expression, interpretation, and comprehension. By providing sound training in art analysis, drawing, film & video production, new media, painting, photography, sculpture, and art history, the curriculum enhances students' creative thinking and technical skills, while allowing them to concentrate their coursework in an area that best suits their personal and professional interests. Students majoring in Art choose from a Studio Arts or Visual Culture track. Classroom learning is complemented by regular exposure to local and regional artists and exhibitions.

B.A. in Studio Arts

Students specializing in Studio Arts will enhance their creative skills by learning new techniques, working with various arts media, and gaining critical perspectives to contextualize and analyze their work. This track is focused upon the production of art, rather than its socio-historical context.

Major Requirements:

1. Art 101: Ancient through Medieval Art
2. Art 102: Renaissance through Contemporary Art
3. Art 104: Beginning Sculpture & 3D Design
4. Art 151: Introduction to Design
5. Art 204: Drawing and 2D Media
6. At least 8 additional hours from the following:
 - Art 208: Auto CAD
 - Art 211: Pottery
 - Art 218: Photography
 - Art 304: Life Drawing and Advanced Composition
 - Art 312: Materials and Techniques of Sculpture (2 hrs)
 - Art 330: Materials and Techniques of Printmaking (2 hrs)
 - Art 331: Materials and Techniques of Painting (2 hrs)
 - Art 221: Video & Film Production
 - Art 321: Video & Film Production
 - Art 251: Design Communication
 - Art 351: Web Design
7. Art 332: Advanced Studio I
8. Art 431: Advanced Studio II
9. Art 472: Senior Exhibit & Critique (2 hrs)
10. At least 16 hours must be at the 300- or 400- level.

Total: 10-11 courses & 38 credit hours minimum

Minor Requirements:

Art 204, and 151 or 104; four hours in Art 101 or 102; plus at least 8 hours of studio arts courses at the 300- or 400-level.

B.A. in Art History and Visual Studies

Students specializing in Art History and Visual Studies will enhance their skills in visual and historical analysis. This concentration is focused upon the aesthetic and cultural analyses of visual objects, rather than their production. The courses within this concentration ask some fundamental questions:

1. What kind of visual objects does a culture produce and preserve, and why?
2. How do images and ways of seeing effect meaning?
3. What is the affect of art and architecture on society?

Major Requirements:

1. Art 101: Ancient through Medieval Art
2. Art 102: Renaissance through Contemporary Art
3. Art 151: Introduction to Design

4. At least 19 additional hours in cultural history and visual analysis to be selected from:

- Art 201: Issues in Public Art & Architecture
- Art 250: Design History
- Art 290: Interdisciplinary Studies
- Art 291: Representations of the Holocaust
- Art 295: Special Topics
- Art 305W: American Art & Architecture
- Art 306S: Modern & Contemporary Art
- Art 309: French Painting
- Art 310: History of Photography
- Art 395: Selected Topics
- Art 491-496: Independent Study in Art (1-6)
- Engl 361: Arts of Representation
- Phil 205: Philosophy of Art

5. At least 3 hours in Film Studies (COMM/Engl 178, 262, 368, 369, 373S; 399; Span 309)

6. At least 16 hours of the coursework above must be at the 300- or 400- level.

Total: 9 courses & 35 hours minimum

Supportive Requirements:

- One foreign language (ancient or modern) through the intermediate level.

Minor Requirements:

Art 101, 102, 250, plus at least 11 hours in cultural history and visual analysis from the list above (excluding studio arts courses) at the 300- or 400-level.

Museum Management Program

Professor: Nicoletti, *Advisor*

Our Museum Management program prepares students for graduate programs in museum or arts administration, careers in archives, private galleries, or auction houses, and museum work ranging from exhibition design to education. Students enrolled in the program forge connections through hands-on internships at local museums, including the nationally accredited Meadows Museum of Art on our campus. A student may substitute up to 4 hours of Independent Study in any department, subject to the approval of the Museum Management advisor, for research and work on some aspect of museum studies or collections management.

A student may major in any area and take the following courses:

- Art 201: Issues in Public Art and Architecture
- Art 306S: Modern and Contemporary Art
- Comm 216: Introduction to Professional Writing
- Flng 201, 202: Intermediate Foreign Language
- Busn 321W: Principles of Management
- Art 400: Art Internship (an internship with the Meadows Museum or relevant collection)

Total: 7 courses – 23 hours minimum

Departmental Honors in Art

For a student to be considered for admission to the Honors Program in Art, she or he must meet the general College requirements for admission to such programs. In addition he/she must:

- a. Be an Art major.
- b. Hold a 3.5 grade point in the major and 3.25 overall.
- c. Earn 4 hours in Art 491-496: Independent Study in addition to their major requirements in which they complete a substantial scholarly project for the Art History & Visual Studies concentration or a substantial creative project for the Studio Arts concentration. For the Art History & Visual Studies concentration, the results of the project must be either published in a scholarly journal or publicly presented (e.g., at the Student Research Forum, a professional conference, or a colloquium of Art faculty and students). For the Studio concentration, the creative work must be presented as an exhibition including an oral presentation before Art students and faculty.

101. ANCIENT THROUGH MEDIEVAL ART 4

A historical survey of art and architecture from ancient times through the Middle Ages. Fall.

102. RENAISSANCE THROUGH CONTEMPORARY ART 4

A historical survey of art and architecture from the Renaissance through today. Spring.

- 104. BEGINNING SCULPTURE AND 3D DESIGN** 4
The basic aspects of sculpture and 3D design are explored by working with clay, plaster, wire, string, wood, cardboard and other simple materials. Five hours of lecture and studio per week with outside work. Fall
- 151. INTRODUCTION TO DESIGN** 4
This course explores, through discussion and application, the elements and principles of design fundamental to all visual arts. A production-oriented class with weekly critiques, this course equips students with foundational knowledge for further study in all visual art and communication courses. Spring. (Same as COMM 151.)
- 172. INTRODUCTION TO VISUAL CULTURE** 4
This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. Spring of odd years. (Same as ENGL 172 and COMM 172)
- 178. INTRODUCTION TO FILM ART** 4
This course provides an introduction to the study and analysis of film. Students will learn the fundamentals of film form, style, and history. Topics include narrative structure, mise-en-scene, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as digital film production. This course meets six hours per week, three of which are devoted to screenings. Fall. (Same as ENGL 178 & COMM 178)
- 201 ISSUES IN PUBLIC ART & ARCHITECTURE** 4
Explores the aesthetic, cultural, historical, and political issues involved in the production, display, and funding of public art and architecture. Examines recent art controversies, censorship, and how public art and architecture can be used to enhance quality of life, build community, and foster social change. Yearly.
- 204. DRAWING AND 2D MEDIA** 4
An introduction to drawing techniques and concepts (linear perspective, figure/ground relationships, shading, tonal value, etc.) to understand the fundamentals of artistic expression. Dry drawing media, such as graphite and charcoal, are explored along with basic graphic art techniques for this class. Six studio hours a week, with weekly critique sessions. Every semester.
- 208. AUTOCAD** 4
A detailed study of drafting techniques through projects using the AutoCAD platform. Project emphasis will be placed on developing sustainable structures and techniques. Spring. (Same as THEA 208)
- 211. POTTERY** 4
Basic clay techniques including the design and creation of a variety of pottery forms by hand-built, molded, and wheel methods, along with practice in kiln loading and firing. Four hours of lecture and studio per week with outside work. Spring.
- 218. INTRODUCTION TO PHOTOGRAPHY** 4
Restricted to Art and Comm majors and minors. This course introduces students to the basic principles of photography including a brief examination of the history of photography from a technical viewpoint and training in the functions and controls of a professional digital SLR camera. Students learn the effects of aperture and shutter speed on depth of field and motion, as well as proper light metering techniques. Composition basics, lighting, and digital darkroom techniques will also be explored. Every semester. (Same as COMM 218)
- 221. INTRODUCTION TO DIGITAL FILM PRODUCTION** 4
Students will learn the basic terminology, methods, and principles of digital film production through classroom lecture, workshops, and field production work. Every semester except those when COMM 321 OR COMM 395 is offered. (Same as COMM 221)
- 250. DESIGN HISTORY** 4
An investigation into the design of objects, spaces, and materials, and the forces that shape human-object relations. Students will be introduced to key design theories and movements of 19th-21st century design, and examine case studies stemming from fashion, architecture, decorative arts, landscape design, interior design, graphic design, industrial design, and/or product design. Particular emphasis will be given to the interconnections between design and technology. Spring of odd years. (Same as COMM 250)
- 251. DESIGN COMMUNICATION** 4
This course investigates the role design plays in human communication. Students will gain familiarity with the basic concepts and assumptions underlying design practice and learn to see how applied arts such as graphic design, industrial design, and multimedia design function as communicative activities. Special attention will be given to the rhetorical methods associated with identifying design problems and implementing design solutions. Students will also learn specific technology and software skills to operate effectively as visual designers. Fall. (Same as COMM 251)
- 290. INTERDISCIPLINARY STUDIES** 1- 4
Prerequisite: ENGL 101. This course is designed to facilitate the treatment of topics across disciplinary boundaries, such as our course on the. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. On demand.

- 291. REPRESENTATIONS OF THE HOLOCAUST** 4
An in-depth history of the Holocaust through the examination of related memorial arts, museum exhibitions, eye-witness testimony, memoirs, literature, and films (dramas and documentaries), and an analysis of how those representations have been shaped by cultural and/or political forces. Spring.
- 295. SPECIAL TOPICS** 4
A detailed study of an area of art not normally covered in regular art courses. Course, but not individual topics, may be repeated for credit. On demand.
- 304. LIFE DRAWING AND ADVANCED COMPOSITION** 4
Prerequisite Art 103 Advanced study of the principles of composition, proportion and volume through descriptive drawing of the human figure. Six studio hours a week, with weekly critique sessions. Spring.
- 305W. AMERICAN ART AND ARCHITECTURE** 4
The cultural and artistic development of our nation over the last 400 years as expressed in painting, sculpture, architecture, graphic arts, memorials, and city planning. Fall of odd years.
- 306S. MODERN AND CONTEMPORARY ART** 4
This course examines 19th- to 21st-century art to explore modern versus post-modern aesthetics and the role of social, political, and economic forces in defining art. Spring of even years.
- 309. FRENCH PAINTING** 3
The development of artistic independence in France (from Neo-Classicism to Cubism) is studied in its social, political and economic context. (Same as FREN 309; taught in French)
- 310. HISTORY OF PHOTOGRAPHY** 4
An examination of photography from 1826 to the present. While we investigate popular applications of and movements within photography (including photojournalism and colonial, scientific, digital, and art photography), you will learn about related technological changes, controversies, and historical events that perceptibly altered the medium or its uses. Fall of even years.
- 312. MATERIALS AND TECHNIQUES OF SCULPTURE** 2
Prerequisite: Art 104 or permission of the instructor. A study of the processes and methods of additive and subtractive sculptural techniques as well as casting and molding techniques. Fall.
- 321. ADVANCED DIGITAL FILM PRODUCTION** 4
Prerequisite: COMM/ART 221 or permission of the instructor. Students will enhance their understanding of digital film production through advanced lectures and studio production work. Spring of even years. (Same as COMM 321)
- 325. DOCUMENTARY FILM PRODUCTION** 4
Students will learn the basic terminology, methods, and principles of documentary film studies and production through classroom lecture, workshops, and field production work. Course work will focus on the analysis and production of documentary film as an aesthetic form and a social document, with an emphasis on the social documentary. This course meets six hours per week, three of which are devoted to screenings. Spring of even numbered years. (same as COMM 325)
- 330. MATERIALS AND TECHNIQUES OF PRINTMAKING** 2
A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Four hours a week including weekly critique sessions. Fall, alternate years.
- 331. MATERIALS AND TECHNIQUES OF PAINTING** 2
A systematic study of several methods of paintings, including oil, encaustic, polymer, egg tempera, acrylic and an examination of the techniques of some of the old masters. Four hours a week with outside work and weekly critique sessions. Spring.
- 332. ADVANCED STUDIO I** 4
Prerequisite: Permission of Dept Chair. The materials and advanced techniques of drawing, painting, sculpture, printmaking, multimedia, film, video or photography are explored through classroom projects and assignments in the areas of the students' interests. Six hours studio per week including weekly critique sessions.
- 351. WEB DESIGN** 4
Prerequisite: COMM/ART 251. This course introduces students to the fundamental concepts, issues, and concerns associated with web site design. Course readings and exercises encourage students to explore the aesthetic and historical/cultural dimensions of design and then use this knowledge as they plan, propose, implement, and rationalize their own web site designs. (Same as COMM 351)
- 395-396. SELECTED TOPICS** 1-4
Prerequisite: Permission of the instructor. Courses that deal with different topics or problems each semester (e.g. artists, styles, historical periods, studio problems, etc.). Course, but not individual topics, may be repeated for credit.

399. SEMINAR IN FILM AND TELEVISION STUDIES 4
 Prerequisite: ENGL 101. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: "Hitchcock," "Melodrama," and "Television Studies." May be elected for up to eight hours credit as topic changes. Spring of even years. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 399 and COMM 399)

400. ART INTERNSHIP 1-4
 Co-requisite: CA 250. Supervised internship with an approved employer in an appropriate professional area such as museum work, commercial art and arts administration. Students are required to submit a term paper or project of equivalent value to the program director at the end of the internship. May be repeated for credit in another area. This course satisfies the Career component of Trek. Offered on demand.

421,422. TUTORIAL IN STUDIO, VISUAL STUDIES, OR COMMUNICATION 1-2
 Directed reading on a subject to be agreed upon by the student and faculty-tutor. May require presentation of pertinent materials in undergraduate courses under the direct supervision of an Art or Communications department faculty member.

431, 432. ADVANCED STUDIO II, III 4,4
 Prerequisite: Art 332. During the final year the student is encouraged to develop a personal philosophy of art. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a senior exhibit of his/her best work. Six hours studio per week including weekly critique sessions.

451. TOPICS IN MULTIMEDIA DESIGN 4
 Prerequisite: COMM/ART 251 This course will address a particular multimedia design issue or problem, guiding students in the planning and implementation of appropriate design solutions; topics will vary. May be elected for up to six hours credit as topic changes. Spring of alternate years. (Same as COMM 451)

472. SENIOR EXHIBIT AND CRITIQUE 2
 Prerequisite: Instructor's approval. Advanced studio work, culminating in a senior art exhibition. Fall.

491-496. INDEPENDENT STUDY IN ART 1-6
 Open to qualified students by permission of department chairperson. Work may be done in research and writing or studio related areas. The student will follow a work plan arrived at in cooperation with the instructor and must consistently furnish evidence of seriousness of purpose.

199. MODULE STUDIES 4
 Special topics offered during the Module.



Athletics (ATHL)

- 101. SPORT SKILLS AND TECHNIQUES I** 1,1
Activity course for individuals interested in developing and practicing the skills and techniques of basketball, baseball, cheerleading, golf, gymnastics, lacrosse, softball, or tennis. Students can earn up to 4 credits in ATHL 101 and 102 combined for credit (pass-fail). This course is open to all students. Fall semester.
- 102. SPORT SKILLS AND TECHNIQUES II** 1,1
Activity course for individuals interested in developing and practicing the skills and techniques of cheerleading, cross country running, soccer, swimming, or volleyball. Students can earn up to 4 credits in ATHL 101 and 102 combined for credit (pass-fail). This course is open to all students. Spring semester.

Biochemistry (CHEM)

Professor Blakeney, *Advisor*

The science of biochemistry seeks to understand the processes of biological systems in chemical terms. As such, it is inherently interdisciplinary. A degree in biochemistry offers solid preparation for careers in the health care professions, advanced study in the biomolecular sciences, or employment in the biotechnology industry. The program of study in biochemistry is sufficiently flexible that it can be tailored to meet student's specific career goals.

Major Requirements

Bachelor of Science

1. Chemistry courses: General Chemistry 121, 122, 123, 124; Organic Chemistry 201, 202, 211, 212; Biochemistry 321, 322W, 324; Physical Chemistry 351; Chemical Literature and Information Retrieval 361S; Senior Assessment 900; at least one of the following (a) Foundations of Inorganic Chemistry 331 and Physical Chemistry 353; (b) Advanced Organic Chemistry 402 and Physical Chemistry 353; (c) Analytical Chemistry 301, 311; Biology courses: BIOL 101, 204, 308W or 313.
2. Supportive courses: PHYS 104, 105, 114, 115, Mathematics through 201.
3. Optional courses: Students considering advanced study in biochemistry are strongly encouraged to take CHEM 352, 353, and 354.

- 321. BIOCHEMISTRY I** 3
Prerequisites: CHEM 202, 212. A study of the chemical and physical properties of biological macro-molecules with emphasis on structure-function relationships, enzymatic catalysis, and bioenergetics. (Same as BIOL 321)
- 322W. BIOCHEMISTRY II** 3
Prerequisites: CHEM 321. A study of the chemistry and regulation of anabolic and catabolic metabolic systems, the flow of genetic information through living systems. (Same as BIOL 322)
- 324. BIOCHEMISTRY LABORATORY** 1
Prerequisites: Credit or concurrent registration in CHEM 322. Laboratory study designed to demonstrate biochemical techniques and methodology. (Three laboratory hours per week)

Biology (BIOL)

Associate Professor Chirhart, *Chair*
 Associate Professor: Butcher
 Assistant Professor: Caldari-Farren

Professors: B. Leuck, E. Leuck
Professor Emeritus: McPherson

The Department of Biology strives to challenge the intellectual curiosity of students by emphasizing the complexity and interrelatedness of life systems as revealed through the unifying law of evolution. The program provides a broad biological background for both the non-science student and the future biologist. Classroom and laboratory experiences are complemented by off-campus opportunities designed to prepare students for professional and graduate programs. The biology curriculum is the appropriate choice in preparation for numerous professions related to the life sciences.

Recommendations for First-Year Students

Students intending to major in biology should enroll in BIOL 101 (Principles and Methods of Biology) in the fall of their freshman year. Biology majors with specific post-graduation goals should consult with a biology faculty member early in their academic careers to determine which degree and courses best meet their goals.

High school graduates who have taken the Advanced Placement test may receive credit for BIOL 101, depending on their test scores as shown in the Advanced Placement section of the catalog. The Department of Biology administers an examination during summer advising for other students wishing advanced placement in biology. Students with acceptable AP or departmental test scores may start their biology curriculum with BIOL 202 or 204. Students who earn a passing score on the departmental exam may earn a B.S. in Biology with thirty semester hours in biology rather than thirty-four hours or earn a B.A. in Biology with twenty-six semester hours in biology rather than thirty.

Major Requirements for the B.S. in Biology

1. Thirty-four semester hours in biology including BIOL 101 or NEUR 101, 202, 204, and 900. At least nineteen hours must be 300-level or above. No more than six hours of the thirty-four may be from Independent Study or Internship.
2. Supportive courses: CHEM 121/123, 122/124, 201/211, 202/212; PHYS 104/114, 105/115; MATH 115; ECON 204 or PSY 304 or SOC 304 or MATH 201.

Major Requirements for the B.A. in Biology

1. Thirty semester hours in biology including BIOL 101 or NEUR 101, 202, 204, and 900. At least 14 hours at or above 300-level or above. No more than six hours of the thirty may be from Independent Study or Internship.
2. Supportive courses: CHEM 121/123, 122/124; ECON 204 or PSY 304 or SOC 304.

Minor Requirements for Biology

Students electing to minor in biology must take at least 20 hours of biology, including 101 or NEUR 101, 202 or 204, and at least 6 hours at the 300-level or above.

Certification to Teach

The Department of Education at Centenary prepares students to teach Biology in secondary schools through an alternative certification program leading to the Master of Arts in Teaching (M.A.T.). Undergraduate students may apply to this program: a) in their senior year, during which time they may enroll in six hours of graduate coursework, or b) after completion of the baccalaureate degree. For additional information, please contact the Department of Education (318-869-5223) or visit the Department's website www.centenary.edu/education to obtain a Department of Education Graduate Catalogue.

Departmental Honors in Biology

For a student to be considered for admission to the Honors Program in Biology, he or she must meet the general College requirements for admission to such programs. In addition to the general requirements, a student in the Biology Honors Program must undertake an independent research project for four semester hours of credit beyond the thirty-four hours required for the biology degree. The results of the research must be presented in a form acceptable for publication and as an oral report at the Centenary College Student Research Forum.

101. PRINCIPLES AND METHODS OF BIOLOGY	4
Introduction to major biological phenomena and methods used to study them. Topics include evolutionary processes, cell structure and function, genetic and ecological principles, and diversity of life. Students will learn to apply the scientific method to the study of the above topics. Fall. (3-3)	
202. STRUCTURE AND FUNCTION OF ORGANISMS	4
Prerequisite: BIOL 101 or NEUR 101. Introduction to the anatomical and physiological adaptations of organisms. Emphasis will be on how systems function in multicellular plants and animals to allow them to survive and reproduce. Dissections of representative animals will be required. Spring. (3-3)	
204. CELL BIOLOGY	4
Prerequisites: BIOL 101 or NEUR 101, CHEM 121/123. Co-requisite: CA 250. Survey of the fundamental principles of the cell including cellular	

variety, ultrastructure, cellular reproduction, metabolism, cytogenetics, and introduction to molecular biology. This course satisfies the Career component of Trek. Fall. (3-3)

212. BIOETHICS 4

This course introduces students to issues in bioethics. Students will acquire a basic understanding of relevant biology and ethical concerns. We will address issues surrounding the creation of life, killing, and the distribution of medical resources. In the end, students will have a deeper appreciation of bioethical issues and will be able to reason their way to a solution effectively and persuasively. Spring of even years. (Same as PHIL 212)

240. INTRODUCTION TO NEUROSCIENCE 4

Prerequisite: BIOL 101 or NEUR 101 and BIOL 202 or BIOL 204. The fundamental principles and current problems of modern nervous system studies will be introduced. Topics include neural signaling, sensation, movement and the neural basis of cognition. The laboratory will reinforce lecture material and provide practical experience with both classical and modern methods in neuroscience. Spring. (Same as NEUR 240, PSY 240) (3-3)

251. MEDICAL TERMINOLOGY 3

Prerequisites: BIOL 101 or NEUR 101 and 202. Introduction to the vocabulary of today's health sciences. This course is designed primarily for biology majors intending to continue their studies in graduate allied health programs, especially physician assistant and nurse practitioner programs. Evaluation in this course will involve both written and oral examinations.

290. INTERDISCIPLINARY STUDIES..... 3-4

This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. On demand.

301-302. HUMAN ANATOMY AND PHYSIOLOGY I AND II..... 4,4

Prerequisites: BIOL 101 or NEUR 101 and BIOL 202, or permission of instructor. A systematic study of the structure and function of the healthy human body. This is a basic course designed primarily for students interested in allied health fields. Students must earn a passing grade in BIOL 301 to enroll in BIOL 302. (Same as EXSC 301-302) (3-3, 3-3)

303. ECOLOGY..... 4

Prerequisites: BIOL 101 or NEUR 101, 202. The study of relationships and interactions of living organisms with their environment at the individual, community and ecosystem levels of organization. Laboratory exercises are designed to reinforce concepts presented in lecture. Fall. (3-3)

308W. MICROBIOLOGY..... 4

Prerequisites: BIOL 101 or NEUR 101, 202 or 204. A survey of microorganisms and their role in nature. The importance of bacteria, fungi, and viruses as agents of disease will be considered. The laboratory will emphasize bacterial and fungal form, function, culture and control. Spring. (3-3)

316. MOLECULAR GENETICS 4

Prerequisite: BIOL 204. The molecular basis of inheritance, including consideration of genomics. Various genetic models are used in the laboratory for student research projects. Spring of odd years.

317. SENSATION AND PERCEPTION..... 4

Prerequisite: BIOL 101 or NEUR 101. A focused study of sensory systems utilized by humans and other animal species. This course will examine how the structure and function of various sensory systems produce the perceptual representation of the world. Spring of even years. (Same as NEUR 317 and PSY 317)

318. CLASSICAL GENETICS 4

Prerequisite: BIOL 101 or NEUR 101. Mechanisms and patterns of transmission genetics. Various genetic models and techniques are used in the laboratory to reinforce key concepts. Spring of even years.

319. PSYCHOPHARMACOLOGY 4

Prerequisite: PSY 101 or consent of the instructor. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. Fall. (Same as NEUR 319 and PSY 319)

321. BIOCHEMISTRY I..... 3

Prerequisites: CHEM 202, 212. A study of the chemical and physical properties of biological macromolecules with emphasis on structure-function relationships, enzymatic catalysis, and bioenergetics. Fall. (Same as CHEM 321)

322W. BIOCHEMISTRY II..... 3

Prerequisites: CHEM 202, 212, 321. A study of the chemistry and regulation of anabolic and catabolic metabolic systems, the flow of genetic information through living systems. Fall. (Same as CHEM 322)

350S. NEUROLOGICAL DISEASES AND DISORDERS 4

Prerequisites: BIOL101 or NEUR 101, BIOL204. The symptoms, underlying causes, and current treatments for disorders including Alzheimer's, autism, Parkinson's and traumatic brain/spinal cord injury will be examined. The secondary effects on caregivers, local communities, and national policy will also be explored. Fall of odd years. (Same as NEUR 350S, PSY 350S)

395,396. SELECTED TOPICS	1-4
Prerequisite: BIOL 101 or NEUR 101; other prerequisites depend upon topic. A detailed study of an area of biology not normally covered in regular courses. This course may be repeated for credit for different topics. Topics previously taught as selected topics include physical anthropology, environmental science, mammalogy, tropical ecology, vertebrate paleontology, theory and techniques in molecular biology, immunology, virology, and chronobiology.	
400. INTERNSHIP	1-3
Prerequisites: Junior standing and approval of the departmental faculty. Assignments in an applied biological work experience will involve 40 hours of work per credit hour enrolled. A final written summary of the semester's work is required. On demand.	
402S. ANIMAL PHYSIOLOGY	4
Prerequisites: BIOL 101 or NEUR 101, 202. The physiological adaptations of animals to their environments. Students develop individual research projects to investigate physiological problems. Research ideas, data, and final analysis of projects will be presented orally. Fall of odd-numbered years. (3-3)	
403W. ANIMAL BEHAVIOR	4
Prerequisites: BIOL 101 or NEUR 101 and junior or senior standing. A study of the evolutionary, physiological and social behavior of animals in their natural habitats. Laboratories will involve direct observation and analysis of related data collected on animals in both natural and captive situations. Spring of even-numbered years. (3-3)	
405. ADVANCED CELL BIOLOGY	4
Prerequisite: BIOL 204. Study of eukaryotic cells' adaptations for living in a social context, with emphasis on protein trafficking, cellular signaling, cell cycle control, and cell motility. Student presentations will introduce related topics such as relevant disease states and drug mechanisms. Spring of even years. (4)	
407. COMPARATIVE ANATOMY	4
Prerequisites: BIOL 101 or NEUR 101, 202. A comparative study of the vertebrate systems and their phylogenetic development. Examination of bones and dissections are made of the shark and cat in the laboratory. Fall of even-numbered years. (3-3)	
408. BIOLOGY OF CANCER	4
Prerequisite: BIOL 204. Study of the development and progression of the >100 diseases known as "cancer". Tumor viruses, cellular oncogenes, cellular signaling pathways commonly involved in cancer, apoptosis, genome stability, mechanisms of metastasis and immune response will be considered. Writing assignments will extend course coverage to topics such as cancer disparities and treatments. Spring of odd years. (3)	
410S. ADVANCED NEUROSCIENCE	4
Prerequisites: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. Spring of odd-numbered years. (Same as NEUR 410S, PSY 410S)	
412S. CONSERVATION AND ENVIRONMENTAL BIOLOGY	4
Prerequisites: BIOL 101 or NEUR 101, 202. BIOL 303 recommended. Study of environmental problems and how they relate to the conservation of genetic, species, and ecosystem diversity. Will include a historical perspective of past problems as well as the investigation of current problems and possible remediation, with input from the areas of population biology, community ecology, economics, and biogeography. The laboratory portion of this course will consist of field trips. Spring.	
414. EVOLUTION	4
Prerequisite: BIOL 101 or NEUR 101 and 202. Evolutionary patterns, mechanisms and processes at the organismal, chromosomal and molecular levels; modes of adaptation and the behavior of genes in populations. Spring of odd-numbered years.	
491-496. INDEPENDENT STUDY	1-6
Prerequisite: 20 semester hours of biology. Each candidate must submit a written proposal for departmental approval in advance of his/her intention to register for this type of study. Research on a selected biological topic. The results of the research will be presented orally at the Centenary College Student Research Forum. On demand.	
199. MODULE STUDIES	3
Special Topics offered during the module. Past topics have included food botany, marine ecology, natural history of Louisiana animals, island biology and natural history, greening of the Centenary campus, and tropical ecology.	
900. MAJOR FIELD TEST	0
Prerequisite: Senior standing, biology major. Biology majors must pass the Major Field Test (MEAT) in biology prior to graduation. (CR/NC)	

Biophysics (BPHY)

<http://www.centenary.edu/biophysics>

Professor Rodriguez jrodrigu@centenary.edu
 Assistant Professor: Messina tmessina@centenary.edu

Centenary's biophysics curriculum provides a foundation for understanding areas of Biology and Medicine that now rely heavily on physical approaches. These include genomics, proteomics, systems biology, medical physiology, and medical diagnostics, among others. Many of the courses at the upper level are uniquely developed by Centenary faculty to facilitate bridging of biological and physical sciences at a level appropriate for undergraduate students. Graduates from the program have successfully gained admission to quality programs in biophysics, structural biology, developmental biology, neurobiology, medicine, pharmacy, medical physics, and biomedical engineering, and teaching. A focus of the BS in Biophysics is the intensive year-long research that students conduct with Centenary faculty. The BA in Biophysics offers more opportunity to pursue courses outside the major and is particularly well suited for students interested in the 3-2 engineering program or in teaching careers.

Major Requirements for the B.S. in Biophysics:

BIOL 101, 204
 CHEM 121/122, 123/124, 211/212, 213/214
 PHYS 104/114, 105/115
 BPHY 304, 454W, and 464S
 BPHY 404 or 416

Supportive requirements:

CSC 207
 MATH 115, 201

- 301. MODERN PHYSICS IN BIOLOGY**..... 4
 Prerequisite: PHYS 105 and 115 or consent of instructor. This course introduces students to concepts of atomic, molecular, nuclear, and statistical physics with application to biology and medicine. These concepts are used to understand quantitatively photosynthetic energy harvesting, electron transport, thermoregulation, membrane potential generation and propagation, DNA and protein structure determination, protein dynamics and structural activation, biological and medical imaging, and interaction of nuclear radiation with biological tissues. The course includes a laboratory that introduces students to physical techniques used in modern biology and medicine. Experiments include molecular dynamics simulations, spectrophotometry, fluorescence spectroscopy, fluorescence microscopy, pulsed NMR spectroscopy and MRI, ultrasound imaging, computed tomography, and nuclear radiation detection. Spring. (Same as PHYS 301)
- 404. ELECTROMAGNETISM AND ELECTRONICS**..... 4
 Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of electromagnetic theory and practice. Topics include: electrical fields, forces, and potentials; current, voltage, power, and electronic components and circuits; magnetic field and forces; electrical and magnetic materials; Maxwell's equations and electromagnetic waves. A significant portion of the course focuses on applications of electromagnetic phenomena to biology and chemistry that include discussion of ions in aqueous media, ion channel biology, membrane potentials, nerve impulse propagation, mass spectrometry, and semi-classical theory of pulsed NMR. The course includes a laboratory with activities that focus on breadboarding; use of test and measurement equipment; experimentation with resistors, capacitors, inductors, diodes, transistors, and integrated circuits, analysis of current, voltage, power, and electronic circuits; generation of magnetic fields and electromotive forces; NMR pulse sequence analysis. Fall even years. (Same as PHYS 404).
- 416. THERMAL AND STATISTICAL MECHANICS**..... 4
 Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of thermal and statistical physics theories. Topics include: three laws of thermodynamics, probability, energy, and entropy, equilibria, Boltzmann statistics, free energy, solvation, diffusion. A significant portion of the course focuses on applications to biology and chemistry that include discussion of protein folding, molecular motion, molecular interactions (e.g., oxygen and hemoglobin), polymers and ions in solution. Fall odd years.
- 454W, 464S. BIOPHYSICS RESEARCH**..... 4-4
 Prerequisite: Consent of the instructor. 12 hours of laboratory research weekly under direct supervision of a faculty member in the department. Students are also expected to research the topic in the literature and to be fully engaged in the design and implementation of their experiments.
- 473. BIOPHYSICS SEMINAR**..... 3
 Topics in biophysics. Students will research current areas of interest in biophysics and make three one-hour oral presentations to the class.

Frost School Of Business

Professor Martin, Dean

Professors: Christensen, Davis, Hoas, Rankin, Sikes

Associate Professor: Weeks

Lecturers: Ball, Griffey, Jagot, Shea, Taylor, Stroud

Professors Emeriti: Morrill, Richardson, Wilcox

The mission of the Frost School is to meld the rich traditions of a liberal arts education with cutting-edge preparation in all facets of business, to develop leaders who thrive in their professions and are ready to face the challenges of tomorrow.

At the undergraduate level, the Frost School of Business offers the Bachelor of Science (B.S.) degree in Business Administration with a choice of concentrations: Accounting, Finance or Management. The Frost School also offers the Bachelor of Arts (B.A.) in Economics and a coordinate program with the Department of Ancient and Foreign Languages designed to prepare student for careers in international business.

In addition to its undergraduate programs, The Frost School of Business offers a Master of Business Degree (M.B.A) designed for managers with a minimum of five years of professional experience. A separate catalog contains information about the Executive M.B.A. program, together with details concerning admission, expenses, degree requirements and course of study. The MBA catalogue may be obtained from the Frost School of Business, Office of the Dean or downloaded online at www.centenary.edu/mba.

Business Administration

The Business Administration major at Centenary provides students with a broad understanding of business and of the larger economic and social environment within which organizations operate. Concentrations within the Major provide students a focused course study in one of three areas: Accounting, Management or Finance. Building on the liberal arts foundation of a Centenary education, the Business Administration curriculum is designed to equip students with the breadth and flexibility of mind to relate the complex interrelationships of business with society as a whole. The Business Administration major prepares our students to enter an increasingly global environment and also provides exposure to social, human, cultural, international, political and ethical issues as they relate to Business. Our ultimate goal is to provide majors with the business acumen, analytical ability and broad perspectives that will prepare them for success in graduate programs, in their business careers, and in society.

Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details, consult the Dean of the School of Business.

Major Requirements for the B.S. in Business Administration

Centenary students receiving a Bachelor of Science degree in Business will complete a common Business core which consists of 9 courses, 27 hours. Courses taken for the Business degree cannot be taken Pass/Fail. No more than 21 hours of coursework can be transferred from other institutions to fulfill major degree requirements.

1. Required courses in the Business core:

ACCT 203 Principles of Accounting.....	3
ACCT 204 Managerial Cost Accounting	3
FIN 325 Corporate Finance.....	3
BUSN 223 Commercial Law	3
BUSN 321W Principles of Management.....	3
BUSN 346 Principles of Marketing.....	3
BUSN 380S Ethics & Social Responsibility of Business	3
BUSN 473 Senior Seminar in Policy & Strategy	3

Choice of one:

ACCT 340 International Accounting	
BUSN 341 International Management	
ECON 340 International Economics	
Total hours of Business core	27

2. Supportive courses required (cannot be taken Pass/Fail):

ECON 204 Statistics for Business and Economics.....	4
ECON 211 Principles of Microeconomics	4
ECON 212 Principles of Macroeconomics	4
Total Supportive hours	12

Students should normally complete ACCT 204, ECON 211 and ECON 212 before taking any 300- or 400-level courses in business. ECON 204 is used in many upper level courses. Persons who wish to take a minor or elect an upper level business course should check with the instructor before enrolling.

3. Choice of Concentration:

Business majors may choose one of the three concentrations offered: Accounting, Finance or Management. Courses taken in the Business core do not count toward fulfillment of the Concentration. Students not choosing a concentration will fulfill degree requirements by completing any six upper-level (300+) courses in the School of Business from at least three areas: Accounting, Business, Economics or Finance. Only three hours of internship or independent study may count toward degree requirements

Accounting Concentration

The Accounting concentration provides students with broad exposure to business theory, practice and debate, coupled with extensive exposure to analytical and theoretical principles underlying current accounting practice. The specialized knowledge of accounting together with a broad liberal arts and business background is designed to prepare students for graduate study and careers in public or private accounting, government, business and not-for-profit organizations.

Students pursuing an Accounting Concentration within the Business Administration major are required to take the following five courses:

ACCT 305 Intermediate Accounting I	3
ACCT 306 Intermediate Accounting II	3
ACCT 311 Income Tax I	3
ACCT 409 Auditing	3
ACCT 421 Governmental and Not-for-Profit Accounting.....	3

Students must choose one course from the following list:..... 3

ACCT 312S Income Tax II	
ACCT 424 Accounting Information Systems	
BUSN 400 Internship in Business Administration	
Total hours for the Concentration	18

CPA Examination Requirements

Louisiana Law states that to qualify to sit for the CPA exam, one must possess one hundred fifty (150) semester hours of college credit. In addition to this overall education requirement, the following specific criteria also apply:

24 hours in accounting beyond elementary, including at least:

- 9 hours in financial and cost accounting
- 3 hours in auditing
- 3 hours in tax

9 hours in accounting electives, AND 24 hours in general business, including at least three hours of business law.

Finance Concentration

Students studying finance will explore and analyze the global financial marketplace. The study of finance emphasizes the need for analytic skills and an interest in the interrelationships between business, accounting, and economics.

Students pursuing a Finance Concentration within the Business Administration major are required to take the following five courses:

FIN 329 Money & Banking	3
FIN 355 Principles of Real Estate	3
FIN 360 Risk Management & Insurance	3
FIN 426 Investments.....	3
FIN 460 Advanced Investment Theory & Analysis.....	3

Students must choose one course from the following list:..... 3

ACCT 311 Income Tax I	
ECON 311 Intermediate Microeconomics	
ECON 312 Intermediate Macroeconomics	
BUSN 400 Internship in Business Administration	
Total hours for the Concentration	18

Management Concentration

Management involves the coordination of human, material, and financial resources to accomplish organizational goals. The management concentration provides students with the managerial, interpersonal, and organizational insights that are a crucial planning organizing, leading, and controlling this process. With a focus on management theory and behavior in organizations, students develop skills in such

areas as leadership and teamwork, as well as learn to successfully plan, organize, direct, and control business activities in both the public and private sectors.

I. Students pursuing a Management Concentration within the Business Administration Major are required to take the following three courses:

BUSN 301 Diversity in the Workplace.....	3
BUSN 328 Leadership and Organizational Behavior	3
BUSN 335 Human Resource Management.....	3

II. Students must choose two courses from the following list: 6

- BUSN 341 International Management
- BUSN 395/396 Selected Topics*
- BUSN 421 Operations Management

**Students may take more than one Selected Topics course to satisfy this requirement, as long as the topic is distinct for each course.*

III. Students must choose one course from the following list, in order to prepare them for specific career or research paths in which they have an interest: 3

ACCT 421 Governmental and Not-for-profit Accounting	
BUSN 395/396.....	Selected Topics**
BUSN 400 Internship in Business Administration	
BUSN 493 Independent Study	
ECON 324 Labor Economics	
ECON 343 Public Sector Economics	
FIN 355 Principles of Real Estate	
FIN 360 Risk Management and Insurance	
FIN 426 Investments	

Total Hours for the Concentration..... 18

***A distinctive selected topics course not used to fulfill six hour requirement in item "II" above may be used to meet this requirement.*

Requirements for the B.S. in Business for the Business/Foreign Language Coordinate Program

This coordinate program with the Department of Ancient and Modern Languages is designed to prepare students for a career in international business or to work in a business environment where Spanish or French is the predominate language. The student admitted to this program will major in Business Administration or major in Business Administration with a Management Concentration.

1. Students must complete the following required courses in the Business core: ACCT 203-204, BUSN 223, 321W, 341, 346, 380S, 473, and FIN 325. Additionally, students must select either ACCT 340 or ECON 340 as their international component of the Business core. Supportive courses required are ECON 204, 211, and 212.
2. Students must complete six hours of upper-level (300+) foreign language courses. These courses should be chosen with the advice of a professor of the chosen language.
3. The student must experience life in a foreign country. This experience may be completed by means of an international module, participating in an international study program, or working as an intern in a foreign country.
4. Questions regarding other options for fulfilling the overseas requirement and general inquiries concerning the program should be addressed to the Dean of the Frost School of Business and the Chair of the Ancient and Modern Languages Department.

Requirements for the Minor in Business Administration

Students who desire to earn a minor in Business Administration must satisfy the following requirements. No more than 9 hours of coursework can be transferred from other institutions to fulfill minor requirements.

ECON 211 Principles of Microeconomics.....	4
ACCT 203 Principles of Accounting	3
ACCT 204 Managerial Cost Accounting.....	3
BUSN 223 Commercial Law.....	3
BUSN 321W Principles of Management.....	3
BUSN 346 Principles of Marketing.....	3
FIN 325 Corporate Finance	3
Total Hours for the Minor.....	22

Courses offered for the Business Administration Major:

- ACCT 203. PRINCIPLES OF ACCOUNTING..... 3**
An introductory course intended to familiarize the student with the fundamental principles and methods of accounting primarily concerned with financial data gathering and presentation in the form of general-purpose external financial statements. Additional topics will include management's use of accounting data for planning, control and decision-making. Fall.
- ACCT 204. MANAGERIAL COST ACCOUNTING 3**
Prerequisite: ACCT 203. The purpose of the course includes the objectives and procedures of cost accounting for manufacturing, retail, service and not-for-profit entities. Topics covered include content and interpretation of the income statement and balance sheet, budgetary planning and control, internal reports for management, job order and process cost systems, cost-volume-profit relationships, standard costing and variance analysis, direct costing and relevant costs. Spring.
- ACCT 305-306. INTERMEDIATE ACCOUNTING I AND II..... 3-3**
Prerequisite: ACCT 204. An intensive study of financial accounting theory and practice, leading to the preparation of financial statements in accordance with Generally Accepted Accounting Principles. The course emphasizes the conceptual framework of accounting, spreadsheet applications for presentation of data analysis and ethical considerations in reporting under current rules and regulations. ACCT 305, Fall; ACCT 306, Spring.
- 309. COST ACCOUNTING 3**
Prerequisite: ACCT 204. The objectives and procedures of cost accounting for manufacturing firms. Extensive spreadsheet applications summarize cost data for management's use in decision-making. Topics include: job order and process cost systems, cost-volume-profit relationships, quantitative methods, standard costing and variance analysis, direct costing, relevant costs, and budgeting. Fall in alternate years.
- ACCT 311. INCOME TAX ACCOUNTING I 3**
The study of the structure, principles, and procedures of the Federal Income Tax Code. Projects include preparation of individual tax returns using current software and tax case research using web-based sources. Fall.
- ACCT 312S. INCOME TAX ACCOUNTING II 3**
Prerequisite: ACCT 311. A continuation of the study of the Federal Income Tax Code as it applies to corporations, partnerships, estates and trusts. Additional topics include gift taxation, international tax law and tax planning for complex individuals. Spring in alternate years.
- ACCT 335. BUSINESS LAW I 3**
Prerequisite: Accounting major and the consent of the accounting department. The first course in commercial law as it affects accountancy. Topics include, but are not limited to, contracts, agency, partnerships, corporations, sales, etc. Fall in alternate years.
- ACCT 336. BUSINESS LAW II 3**
Prerequisite: ACCT 335. The second course in commercial law pertaining to corporations. Topics include, but are not limited to, SEC registration, negotiable instruments, commercial paper, and other current topics on the CPA exam. Spring in alternate years.
- ACCT 340. ISSUES IN INTERNATIONAL ACCOUNTING 3**
International accounting introduces and examines accounting issues unique to multinational enterprises and international business activity. Specific course topics include International Financial Reporting Standards (IFRS), auditing the global firm; financial reporting outside the USA; international financial disclosure issues such as segmental, social, and environmental; accounting harmonization; ethics; taxation; foreign exchange; and cultural issues.
- ACCT 395, 396. SELECTED TOPICS..... 3,3**
Prerequisite: Consent of instructor. A detailed study of an area of accounting not normally covered in regular accounting courses.
- ACCT 400. INTERNSHIP IN ACCOUNTANCY 3**
Co-requisite: CA 250. Restricted to accounting majors. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of accounting constructs. A written and/or oral report on the internship is required. This course satisfies Career component of Trek. May be repeated once for credit.
- ACCT 407. ADVANCED ACCOUNTING..... 3**
Prerequisite: ACCT 306. Accounting principles and procedures relating to specialized topics, including bankruptcy, partnerships, estates and trusts, consolidated entities and foreign currency reporting. Spring.
- ACCT 409. AUDITING..... 3**
A study of auditing theory and procedures and the auditor's responsibility concerning the examination and reporting of financial statements for publicly traded entities. The role of the auditor and his/her contribution in the financial reporting process is emphasized as well as the areas of internal control, evidence of transactions, basic sampling and reconciliation techniques, the accountant's legal responsibility in reporting, reporting standards, and the role of the internal auditor. Fall.
- ACCT 421. GOVERNMENTAL & NOT-FOR-PROFIT ACCOUNTING..... 3**
Prerequisites: ACCT 203. Financial and managerial accounting issues specific to governmental and private non-profit entities. Topics include: Budgeting, fiscal processes, and financial reporting regulations. Spring in alternate years.

ACCT424. ACCOUNTING INFORMATION SYSTEMS.....	3
Prerequisite: ACCT 204. A study of accounting information systems design and implementation with emphasis on the information and control functions of the management decision-making process. On demand.	
ACCT491-496. INDEPENDENT STUDY.....	1-6
Each candidate must submit written proposal for departmental approval in advance of the student's registration for the course.	
ACCT199. MODULE STUDIES.....	3
Special topics offered during the Module.	
BUSN101. CONTEMPORARY BUSINESS ISSUES.....	3
(Restricted to first year students.) A study of the issues and trends faced by domestic business organizations, including interrelationships of business disciplines, ethics, the opportunities and threats faced by industry, impact of leaders in business, and economic restructuring. Fall.	
BUSN 217. COMMUNICATION FOR BUSINESS & PROFESSIONS.....	3
Prerequisite: ENGL 101. Instruction and practice in the various forms of practical communications, such as correspondence and reports, with an emphasis on communicating through electronic technology. Offered on demand. (Same as COMM 217 & ENGL 217)	
BUSN 223 COMMERCIAL LAW.....	3
This course is a survey of commercial law. Topics include but are not limited to contracts, agency, partnerships, corporations, sales, SEC registrations, negotiable instruments, commercial paper, contingent liabilities, environmental issues and other legal implications of conducting business both domestically and internationally. Fall and Spring.	
BUSN 291-293. INDEPENDENT RESEARCH.....	1-3
An opportunity for students to do independent research projects which are jointly selected by the instructor and the student. A written research report and an oral presentation at the Centenary College Student Research Forum are required.	
BUSN 295, 296. SELECTED TOPICS.....	3
A detailed study of an area of business not normally covered in regular business courses. On demand.	
BUSN 300. STUDY ABROAD (CREDIT EVALUATED).....	
Centenary-approved enrollment in business courses pursued abroad, such as participation in the student exchange program with the Aarhus School of Business, Denmark.	
BUSN 301. DIVERSITY IN THE WORKPLACE.....	3
An exploration of how stereotypes and prejudices develop and how they affect all employees in the workforce. Discussions and assignments will examine how various groups of people are affected by organizational discrimination and how companies can learn to truly value the diversity of their workforce. Fall.	
BUSN 321W. PRINCIPLES OF MANAGEMENT.....	3
Prerequisite: Junior or Senior standing. A study of the way people interact in the business world. Students will examine effective ways of planning for the future of an organization, organizing the resource allocation in a company, leading in a way that motivates and satisfies diverse employees, and controlling the outcomes of employee productivity. Subjects of study include team building, communication and motivation skills, strategic planning, decision making, and ethical leadership. Fall and Spring.	
BUSN 323. LEGAL ENVIRONMENT OF BUSINESS.....	3
A study of the legal aspects of business transactions and the legal environment in which entities operate. Fall and Spring.	
BUSN 328.LEADERSHIP & ORGANIZATIONAL BEHAVIOR.....	3
A study of individual, small group, and organizational behavior in the business setting. The problems of motivation and communication are studied in goal-oriented activity. Non majors should consult the instructor before enrolling in this course. Alternate Fall.	
BUSN 335. HUMAN RESOURCE MANAGEMENT.....	3
A study of the human resource management (HRM) objective of attracting, retaining, and motivating a productive and satisfied workforce. Content emphasis is on the effective use of planning, recruitment, compensation, training & development, and labor relations strategies. Alternate Spring.	
BUSN 341. INTERNATIONAL MANAGEMENT.....	3
A study of contemporary management models and their application to the global business environment. This course explores international strategic management and decision theory, in addition to cultural differences in leadership, motivation, communication, and human resource management. Alternate Spring.	
BUSN 346. PRINCIPLES OF MARKETING.....	3
Prerequisite: Junior or Senior standing. A study of distribution of goods and services from producer to consumer. Channels of distribution, marketing functions, institutions, and costs. Non majors should consult the instructor before enrolling in this course. Fall and Spring.	
BUSN 380S. SOCIAL RESPONSIBILITY OF BUSINESS.....	3
A study of the social role and responsibility of business considering both the internal and external environments of the firm. Evaluation of the social responsibility of the firm to the consumer, the employee, and the management. Coverage of the values evidenced by the management of modern business. Spring.	

BUSN 395,396. SELECTED TOPICS	3,3
Prerequisite: Consent of instructor. A detailed study of an area of business not normally covered in regular business courses. On demand.	
BUSN 400A. INTERNSHIP IN BUSINESS ADMINISTRATION	3
Co-requisite: CA 250. Restricted to business majors. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of administrative principles by first-hand experience in various public and private agencies. May be repeated once for credit. Consent of the instructor necessary before registering. This course satisfies Career component of Trek.	
BUSN 421. OPERATIONS MANAGEMENT	3
Prerequisites: ECON 204. This course will cover the topics of quantitative decision-making theories, linear programming, logistics, work design, work teams, and material planning. Emphasis will be on contemporary policies and approaches to total quality management (TQM).	
BUSN 473. SENIOR SEMINAR IN POLICY & STRATEGY.....	3
Prerequisites: Senior standing, BUSN 223, BUSN321W, BUSN 346 and FIN 325. A study of the theory and practice of strategic management, this capstone course integrates the student's previous study in business, economics, accounting and finance. Spring.	
BUSN 491-496. INDEPENDENT STUDY	1-6
A reading and research course open to seniors by invitation.	
BUSN 199. MODULE STUDIES.....	3
Special topics offered during the Module.	
FIN 201. CONSUMER FINANCE.....	3
This practical course is open to all students and is designed to help students arrange their personal financial affairs. Topics include budgeting and planning management of financial and nonfinancial assets and obligations, taxes, insurance, and retirement/estate planning. Students will learn to budget disposable income in order to purchase autos, buy a home, construct a portfolio with a broker, and select insurance.	
FIN 325. CORPORATE FINANCE	3
Prerequisite: ACCT 203. An introduction to the theory and practice of managing organizational resources. Emphasis placed on making and evaluating financial and investment decisions. Topics covered include: time value of money, risk and return relationships, capital budgeting, capital structure, financial statement analysis and security valuation. Fall.	
FIN 329. MONEY AND BANKING	3
The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community. (Same as ECON 329)	
FIN 355. PRINCIPLES OF REAL ESTATE	3
Prerequisite: ACCT 203. Real Estate studied from a value perspective. Presents important investment, financing and tax concepts for property owners and investors. Tax planning for real estate ownership, closing costs and alternative financing are introduced. The study of mortgage financing, including sources of financing, mortgage instruments, the secondary mortgage market, and mortgage calculations is surveyed for personal and commercial property ownership. Odd years.	
FIN 360. RISK MANAGEMENT AND INSURANCE.....	3
Prerequisite: ACCT 203. Introduces different methods of addressing and managing personal and business risks with insurance. Studies hazards underlying property ownership, risk reduction alternatives. Risk management for commercial property, commercial liability, workers' compensation, automobile owners, homeowners, employee benefits and retirement planning is evaluated. Even years starts Spring 2010.	
FIN 400. INTERNSHIP IN FINANCE	3
Co-requisite: CA 250. Restricted to finance majors. Designed to provide an opportunity for students to apply their theoretical knowledge in a practical business situation by first-hand experience in finance or treasury departments of public, private, or government entities. A written/and or oral report on the internship is required. Consent of the instructor is necessary before registration. This course satisfies Career component of Trek. Offered on demand.	
FIN 426. INVESTMENTS.....	3
Prerequisite: ACCT 204, ECON 204 and FIN 325. A study of the principles and problems determining sound investment policy. Topics include the capital asset pricing model, arbitrage pricing theory, efficient market hypothesis and the option pricing model. A major component of the course involves analysis of the risk-return trade-off necessary to pursue efficient diversification of a portfolio using asset allocation. Fall.	
FIN 450. FINANCIAL INSTITUTIONS.....	3
Prerequisite: ACCT 204. A survey of the markets in which funds are traded is presented with a survey of the lending and investing characteristics of selected financial institutions. The organization, operation, and management of commercial banks and credit unions are introduced with special emphasis on credit decision-making from the lender's viewpoint. Students will apply decision-making procedures to bank financial management situations, including evaluation of bank performance, capital acquisition, liquidity, and loans. Fall.	

- FIN 460. ADVANCED INVESTMENT THEORY & ANALYSIS 3**
 Prerequisites: FIN 325 and FIN 426. An advanced course examining investment theory and management. Emphasis is placed on the practical application of recent academic research to the dynamic global investment environment. The course requires the students to work as a team to manage the Frost School of Business Student Managed Investment Fund and present the results of investment analysis to the SMIF Advisory Board. Spring.
- FIN 491-496. INDEPENDENT STUDY 3**
 Prerequisites: Junior standing and consent of the instructor based on adequate preparation in finance, business, economics, and accounting. Research topics are jointly selected by the instructor and the student. A written research report and an oral presentation at the Centenary College Student Research Forum.

Economics (ECON)

The B.A. program in Economics provides a liberal education for students interested in understanding major economic relationships present in every society. In addition, Economics students study alternative ways of meeting needs within institutional and resource constraints. The B.A. program offers students the methodology and analytical techniques appropriate for graduate work in economics and related professions such as Public Administration and Law and provides a foundation for research and analysis in academic and government institutions.

Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details, contact one of the Economics professors.

Major Requirements for the B.A. in Economics

Foundational Courses: Required courses for the B.A. in Economics:

ECON 204	Statistics for Business and Economics	4
ECON 211	Principles of Microeconomics	4
ECON 212	Principles of Macroeconomics	4
ECON 311	Intermediate Microeconomic Theory.....	4
ECON 312	Intermediate Macroeconomic Theory.....	4

Contextual Courses: Choose one of the following:

- ECON 308W Economic History of the U.S.
- ECON 351S Evolution of Economic Thought

Electives: 12 hours, including at least one at the 300-level and at least one at the 400-level

- ECON 305 Energy Economics
- ECON 308W Economic History of the U.S.
- ECON 324 Labor Economics
- ECON 329 Money & Banking
- ECON 340 International Economics
- ECON 343 Public Sector Economics
- ECON 351S Evolution of Economic Thought
- ECON 395/396 Special Topics
- ECON 411 Industrial Organization
- ECON 412 Global Macroeconomics
- ECON 451 Mathematical Economics

Capstone Experience:

ECON 452	Econometrics and Quantitative Analysis	4
ECON 461	Research Seminar in Economics	1

Total hours in Economics..... 40-41

Students who major in Economics and wish to pursue a graduate degree should take MATH 115, 201 and 203. Students who major in Economics and wish to pursue an MBA are advised to take a minor in Business Administration.

Requirements for the Minor in Economics:

Requirements for the Minor in Economics: Students who desire to earn a minor in Economics must satisfy the following requirements:

ECON 204	Statistics for Business and Economics	4
ECON 211	Principles of Microeconomics	4
ECON 212	Principles of Macroeconomics	4

Either ECON 311 Intermediate Microeconomic Theory, or

ECON 312 Intermediate Macroeconomic Theory.....	4
And one elective selected from:.....	3-4
ECON 305 Energy Economics	
ECON 308W Economic History of the U.S.	
ECON 324 Labor Economics	
ECON 329 Money & Banking	
ECON 340 International Economics	
ECON 343 Public Sector Economics	
ECON 351S Evolution of Economic Thought	
ECON 411 Industrial Organization	
ECON 412 Global Macroeconomics	
ECON 451 Mathematical Economics	
ECON 452 Econometrics and Quantitative Analysis	
Total hours for the Minor	19-20
ECON 105. ECONOMIC APPROACH TO CONTEMPORARY ISSUES	4
The examination of various social issues using basic economic concepts, theories, and analyses. Topics are selected from among major issues in the public forum with special emphasis on how decisions concerning the allocation of scarce resources are made and the consequences of such decisions.	
ECON 204. STATISTICS FOR BUSINESS & ECONOMICS	4
A study of descriptive statistics, probability, probability distributions, sampling techniques, estimation, hypothesis testing, regression and correlation, and time series analysis. Application of the analytical methods to a research question using the computer will be a vital component of the class. This class may be substituted for ECON 304 from earlier catalogs.	
ECON 211. PRINCIPLES OF MICROECONOMICS	4
Microeconomics is the study of the behavior of various economic agents, particularly consumers and producers. The course focuses upon the allocation of resources and distribution of income within competitive markets. The course provides an introduction to applied microeconomic fields such as environmental economics, international economics, labor economics, public sector economics, and industrial organization. Every semester.	
ECON 212. PRINCIPLES OF MACROECONOMICS	4
Macroeconomics is the study of the determination of national income, employment, and prices. The course focuses upon the determinants of aggregate economic activity, inflation, business cycles, the economic role of government and both fiscal and monetary institutions. The course provides an introduction to applied macroeconomic fields including policy, money and banking, international economics, and economic growth. Every semester.	
ECON 261. READINGS IN ECONOMICS: ECONOMIC MYSTERIES	1
Students will read and discuss a group of short novels that use economic theory in solving mysteries. This course will reinforce the economic principles taught in ECON 211 and ECON 212.	
ECON 291. INTERDISCIPLINARY STUDIES	3
This course is designed to allow for the treatment of topics across disciplinary boundaries without prerequisites.	
ECON 295,296. SPECIAL TOPICS IN ECONOMICS	3,3
Prerequisite: ECON 211,212 or consent of the instructor. A study of specialized topics in economics not normally covered by other courses. On demand.	
ECON 305. ENERGY ECONOMICS	3
Prerequisite: ECON 211. A study of energy resource markets with emphasis on the interaction of scarcity and depletion.	
ECON 308W. ECONOMIC HISTORY OF THE U.S.	3
Prerequisite: ECON 212. The development of economic activities in the changing U.S. institutional patterns.	
ECON 311. INTERMEDIATE MICROECONOMIC THEORY	4
Prerequisite: ECON 211. Economic theories of individual and business decision-making and their effects on the production and allocation of economic goods. Fall.	
ECON 312. INTERMEDIATE MACROECONOMIC THEORY	4
Prerequisite: ECON 212. Neoclassical, Keynesian, and modern theories of the determination of aggregate economic activity and their empirical relevance. Spring	
ECON 324. LABOR ECONOMICS	3
Prerequisite: ECON 211. Development of labor movements, collective bargaining, wages and employment, and public policy. On demand.	

ECON 329. MONEY AND BANKING.....	3
Prerequisite: ECON 211 and 212. The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community. (Same as FIN 329)	
ECON 340. INTERNATIONAL ECONOMICS.....	3
Prerequisite: ECON 211 and 212. A study of international economic institutions and the theory of international trade. Topics covered include exports and imports, foreign direct investment, international banking, international transfer of technology and intellectual property, and global market behaviors.	
ECON 343. PUBLIC SECTOR ECONOMICS.....	3
Prerequisite: ECON 211. A study of welfare economic problems unique to the public sector including: the public-private mix of natural resource allocation, environmental quality, tax incidence, distribution, and public policy.	
ECON 351S. EVOLUTION OF ECONOMIC THOUGHT.....	3
Prerequisite: ECON 211. Introduction to the major schools of thought and theories that have contributed to economic principles.	
ECON 361. READINGS IN ECONOMICS: MACROECONOMICS OR MICROECONOMICS.....	1
Students will read and discuss current readings on either topics related to macroeconomics or microeconomics. This course will reinforce the economic theories taught in ECON 311 and ECON 312.	
ECON 395,396. SPECIAL TOPICS IN ECONOMICS.....	3,3
Prerequisite: ECON 211 and 212 or consent of the instructor. A study of specialized topics in economics not normally covered by other courses.	
ECON 400. INTERNSHIP IN ECONOMICS.....	3
Co-requisite: CA 250. Restricted to economics major who have completed economic theory through ECON 312. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of economic principles by first-hand experience in various public and private agencies. A written and/or oral report on the internship is required. This course satisfies Career component of Trek. Consent of the instructor is necessary before registration.	
ECON 411. INDUSTRIAL ORGANIZATION.....	3
Prerequisite: ECON 311. An advanced study of applied micro-economic theory with respect to the organization of markets and institutions. Particular focus is upon the structure of markets, particularly oligopolies, and behavior of firms. Additionally, government regulation of firms and markets, both within and without antitrust laws is studied.	
ECON 412. GLOBAL MACROECONOMICS.....	3
Prerequisite: ECON 312 and ECON 340. An advanced study of macroeconomic theory as it is applied among and between various economies. Topics covered include international trade and finance, the international monetary system, trans-national policies, and regional trade alliances.	
ECON 451. MATHEMATICAL ECONOMICS.....	3
Prerequisites: ECON 311, 312, and a calculus class. A mathematical analysis of economic theory and problems, including constrained maxima and minima, linear programming, elementary differential equations, and difference equations with economic applications.	
ECON 452. ECONOMETRICS & QUANTITATIVE ANALYSIS.....	4
Prerequisite: ECON 204, 311, 312. An introduction to the use of statistical techniques and mathematical model-building as predictive tools for both micro-economic and macro-economic applications. Fall.	
ECON 461. RESEARCH SEMINAR IN ECONOMICS.....	1
Prerequisites: ECON 452. A comprehensive seminar in which students complete, present, and defend an econometric study. Course topics encompass the breadth of current economic theory. Spring.	
ECON 491-496. INDEPENDENT STUDY.....	1-6
Independent study of economic problems. By invitation only.	
ECON 199. MODULE STUDIES.....	3
Special topics offered during the Module.	

Chemistry (CHEM)

Associate Professor Lawrence, *Chair*
Professors: Blakeney, Ticich

Assistant Professor: Brownholland
Professors Emeriti: S.A. Taylor, Seidler

The science of chemistry is so intimately woven into the fabric of modern society that a chemistry degree opens many career options. A deep understanding of chemistry is necessary to work in frontier areas of science such as nanotechnology, catalysis, renewable energy, and pharmaceutical design. A degree in chemistry is commonly a prerequisite to advanced study in these areas. Training in chemistry can also serve as preparation for careers in law, medicine and business.

The American Chemical Society recommends standards for the training of professional chemists. Students interested in a career in chemistry and especially those interested in advanced study are strongly encouraged to pursue the program leading to the Bachelor of Science degree accredited to the American Chemical Society.

The Department additionally offers a Bachelor of Science in Biochemistry for students interested in biochemistry. This program is described on a separate page in this catalog.

Progress in chemistry is increasingly dependent of sophisticated instruments and the Department has an extensive inventory of these tools of modern chemistry. These are described on the Department's web site at www.centenary.edu/chemistry/.

Departmental Honors in Chemistry

In order for students to be considered for admission to the Departmental Honors Program in chemistry, they must meet the general college requirements for admission to such programs. Interested students should consult the department chairperson.

Major Requirements

Bachelor Of Science (American Chemical Society Accredited)

1. Chemistry courses: General Chemistry 121, 122, 123, 124; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311, Physical Chemistry 351, 352, 353W, 354; Chemical Literature and Information Retrieval 361S; Foundations of Inorganic Chemistry 331; Biochemistry 321; Senior Assessment 900; four credits of Independent Study 491-494 or Chemistry Internship 400; and at least one of the following: (a) Advanced Inorganic Chemistry 332, 334; (b) Advanced Organic Chemistry 402; (c) Biochemistry 322W, 324.
2. Supportive courses: PHYS 104, 105, 114, 115; Mathematics through 201.

Bachelor of Science

1. Chemistry courses: General Chemistry 121, 122, 123, 124; Senior Assessment 900; Chemical Literature and Information Retrieval 361S;
2. Seven of the following with:
 - (a) at least four chosen from
 - Organic Chemistry 201, 211
 - Analytical Chemistry 301, 311
 - Physical Chemistry 351, 352
 - Foundations of Inorganic Chemistry 331
 - Biochemistry 321 and
 - (b) the remainder chosen from
 - Organic Chemistry 202, 212
 - Advanced Organic Chemistry 402
 - Physical Chemistry 352, 354
 - Advanced Inorganic Chemistry 332, 334
 - Biochemistry 322, 324
3. Supportive courses: PHYS 104, 105, 114, 115; Mathematics through 201.

Minor Requirements

CHEM 121, 122, 123, 124, 201, 202, 211, 212, and at least six additional hours in chemistry numbered 300 or above.

Certification to Teach

The Department of Education at Centenary offers an alternative certification program leading to the M.A.T. preparing students to teach in an elementary or secondary school. Students who receive a baccalaureate degree from Centenary and have a career GPA of 2.5 or higher are eligible to apply to these programs. Undergraduate seniors in their final semester at Centenary College may, with permission of the Provost and the Chairperson of the Department of Education, be admitted to the graduate program and may enroll in a maximum of six (6) hours of graduate coursework. For additional information, please contact the Department of Education or visit the Department's website centenary.edu/education to obtain a Department of Education Graduate Catalogue.

Course Descriptions

- 105. CHEMISTRY AND SOCIETY** 3
(Open only to non-science majors.) A course designed for students with little or no science background which examines the role of science, chemistry in particular, in society. Topics include energy sources, consumer chemistry, nutrition, and drugs.
- 115. CHEMISTRY AND SOCIETY LABORATORY**..... 1
The laboratory work involves individual or group projects, experiments, demonstrations, or seminars. All work is designed to accompany the lecture. (Three laboratory hours per week.)
- 121-122. GENERAL CHEMISTRY I AND II**..... 3-3
Prerequisite: Score of 20 or greater on the mathematics portion of the ACT, a score of 480 or better on the mathematics portion of the SAT, or completion of MATH 107. Also, requires prior completion of or current registration in CHEM 123-124. Survey of the structure and properties of matter using atomic and molecular theory. First course includes atomic and molecular structure, periodicity, chemical bonding, intermolecular forces, chemical reactions, stoichiometry, gases, solutions, and crystalline solids. Second course includes chemical kinetics and equilibrium, thermochemistry and thermodynamics, electrochemistry, and descriptive chemistry of the elements.
- 123-124. GENERAL CHEMISTRY LABORATORY I AND II** 1-1
Prerequisite: Prior completion of or current registration in CHEM 121-122. Guided and open inquiry laboratory investigations which lead to a discovery of the principles discussed in CHEM 121-122. Introduction to gravimetric, volumetric and instrumental techniques, data analysis and experimental design. (Three laboratory hours per week.)
- 201-202. ORGANIC CHEMISTRY I AND II**..... 3-3
Prerequisites: CHEM 122, 124. A study of the chemistry of organic compounds. These studies are based on molecular structure, the properties due to functional groups, and the mechanisms by which reactions occur. Yearly.
- 211-212. ORGANIC CHEMISTRY LABORATORY I AND II** 1-1
Prerequisite: Concurrent registration in or credit for the corresponding lecture course 201 or 202. The laboratory work in this course is designed to allow students to cooperatively discover fundamental concepts of the science while introducing the common laboratory techniques of organic chemistry. The course emphasizes the use of modern and analytical instrumentation including Nuclear Magnetic Resonance, Infrared Spectrophotometry, Gas Chromatography, and Mass Spectroscopy.
- 290. INTERDISCIPLINARY STUDIES**..... 3
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. Yearly.
- 291-3. DIRECTED RESEARCH**..... 1-3
Prerequisites: First or second year standing and consent of instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem directed by a faculty member of the Centenary College Department of Chemistry. A written report and oral presentation of the work are required.
- 301. ANALYTICAL CHEMISTRY** 3
Prerequisites: CHEM 122, 124, and Math 115. A study of the theory of the analytical process and the principles and methods of quantitative chemical analysis, with emphasis on the application of equilibrium theory to analytical problems. Yearly.
- 311. ANALYTICAL CHEMISTRY LABORATORY** 1
Prerequisites: Concurrent registration in or credit for CHEM 301. Laboratory work dealing with various gravimetric, volumetric, electrochemical, and colorimetric analysis. Yearly (Three laboratory hours per week)
- 321. BIOCHEMISTRY I**..... 3
Prerequisites: CHEM 202, 212. A study of the chemical and physical properties of biological macromolecules with emphasis on structure-function relationships, enzymatic catalysis, and bioenergetics. (Same as BIOL 321)
- 322W. BIOCHEMISTRY II**..... 3
Prerequisite: CHEM 321. A study of the chemistry and regulation of anabolic and catabolic metabolic systems, the flow of genetic information through living systems. Yearly. (Same as BIOL 322)
- 324. BIOCHEMISTRY II LABORATORY** 1
Prerequisites: Credit for or concurrent registration in CHEM 322. Laboratory study designed to introduce biochemical techniques and methodology. (Three laboratory hours a week)
- 331. FOUNDATIONS OF INORGANIC CHEMISTRY**..... 3
Prerequisites: CHEM 122, 124, prior completion of or current registration in CHEM 201, 211. A systematic study of the structure and reactivity of the elements and their compounds. Fall of even-numbered years.

332. ADVANCED INORGANIC CHEMISTRY	3
Prerequisite: CHEM 331. Advanced topics in inorganic chemistry. Studies may include organometallic reactions and mechanisms, catalysis, and bioinorganic chemistry. Fall of even-numbered years.	
334. ADVANCED INORGANIC CHEMISTRY LABORATORY	1
Corequisite: CHEM 332. Synthesis, purification, and characterization of selected inorganic and organometallic compounds utilizing various synthetic techniques and instrumental methods of analysis. Fall of even-numbered years	
351-352. PHYSICAL CHEMISTRY I AND II	3-3
Prerequisites: CHEM 202, 212, Math 201, PHYS 105. Study of the theoretical framework, built on physical principles, that is used to understand chemical structure and reactivity. The first semester examines kinetics and thermodynamics; the second semester includes quantum mechanics, spectroscopy, and statistical mechanics. (Same as PHYS 351-352)	
353W-354. PHYSICAL CHEMISTRY LABORATORY I AND II	1-1
Prerequisites: Concurrent enrollment or credit in CHEM 351-352. Laboratory investigations of the physical properties of chemical systems. First semester includes thermochemical and kinetic measurements, data and error analysis, and scientific writing in journal and review formats. Second semester includes spectroscopic techniques, principles of lasers, and computational chemistry. (Three laboratory hours per week.) (Same as PHYS 353W-354)	
361S. CHEMICAL LITERATURE AND INFORMATION RETRIEVAL	1
Library exercises will include understanding the use of Chemical Abstracts, Science Citation Index, on-line interactive computer databases, and other sources. Students will make several oral presentations to the class. Enrollment limited to students majoring in chemistry or biochemistry with at least junior standing. Offered each fall.	
395,396. SELECTED TOPICS	3,3
Prerequisites: Junior standing and consent of the instructor based upon adequate preparation in chemistry, physics, and mathematics. A detailed study of an area of chemistry not normally covered in the regular chemistry course. Topics may include organic reaction mechanisms, heterocyclic chemistry, nuclear chemistry, environmental chemistry. May be repeated once for credit when a different topic is offered. Offered on demand.	
400W,S. CHEMISTRY INTERNSHIP	1-3
Prerequisites: Junior standing and recommendation of the Chemistry Department faculty. Work in an industrial or research laboratory for a minimum of 120 hours (3 credit hours). A written and oral report on the work conducted is required. Offered on demand. May be offered as a W or S course.	
402. ADVANCED ORGANIC CHEMISTRY	3
Prerequisites: CHEM 202, 212. Advanced study of the chemistry of organic compounds. Building upon molecular structure, the properties due to functional groups, and the mechanisms by which reactions occur, studies may include retrosynthetic analysis, multi-step synthesis, and bioorganic chemistry. Spring of even-numbered years.	
491-496. INDEPENDENT STUDY	1-6
Prerequisites: Junior standing and consent of the instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem. A written report and an oral presentation of the work are required.	
900. SENIOR ASSESSMENT	0
Chemistry majors must take an assessment exam prior to graduation. (CR/NC)	
199. MODULE STUDIES	3
Special topics offered during the Module.	

Communication (COMM)

Professor: Hendricks, *Advisor – Film/Television/Video*

Associate Professors: Glaros, *Advisor – Film/Television/Video*

Hamming, *Advisor – Professional Writing*

Assistant Professor: Hawkins – *New Media*

Lecturer: Laffey, *Advisor – Student Media*

Centenary's interdisciplinary program in Communication provides students with a rich body of courses through which to explore the practices and theories of human communication as a social and cultural phenomenon. The program allows students the flexibility to concentrate their major coursework in an area that best suits their personal and professional goals; after receiving an introduction to communication studies, students may pursue one of three concentrations: Professional Writing, Film/Television/Video, or New Media Design. The program also encourages students to gain practical training in communication through internships with either local or national companies and organizations.

Requirements for the B.A. in Communication – Professional Writing Concentration:

The required interdisciplinary courses in the professional writing concentration allow students to investigate varied aspects of communication as they pertain to contemporary writers; individual students can tailor the concentration to accommodate their own particular interests within writing and the larger field of communication. Students in the concentration receive a strong grounding in writing practice as well as vital experience in visual and design communication, oral communication, and cultural analysis.

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. COMM 400: Internship in Communication
4. COMM 473: Senior Seminar in Communication
5. COMM/ENGL 216: Introduction to Professional Writing
6. At least three courses (twelve hours) in professional writing to be selected from the following (eight hours must be at 300 level or above):
 - COMM/ENGL 211: Introduction to Scriptwriting
 - COMM/ENGL 219: Creative Writing
 - COMM/ENGL 311S: Advanced Scriptwriting
 - COMM/ENGL 312: Literary Journalism
 - COMM/ENGL 313W: Advanced Rhetoric
 - COMM/ENGL 314W: Advertising and Public Relations
 - COMM/ENGL 315: The Essay
 - COMM/ENGL 316: Writing for Convergent Media
7. At least two courses (eight hours) in visual, audio, and multimedia production to be selected from the following:
 - COMM/ART 218: Introduction to Photography
 - COMM/ART 221: Introduction to Digital Film Production
 - COMM/ART 251: Design Communication
 - COMM/ART 321: Advanced Digital Film Production
 - COMM/ART 351: Web Design
 - COMM/ENGL 382: Radio Broadcasting
 - COMM/ART 451: Topics in Multimedia Design
8. At least one course (four hours) in cultural history and analysis to be selected from the following:
 - ART 101: Ancient through Medieval Art
 - ART 102: Renaissance through Contemporary Art
 - COMM/ART: 250 Design History
 - THEA 112: Analysis and Criticism
 - COMM/ART/ENGL 172: Introduction to Visual Culture
 - COMM/ART/ENGL 178: Introduction to Film Art
 - COMM/ENGL 262: Shakespeare and Film
 - ART 305W: History of American Art
 - ART 306S: Foundations of Modern Art
 - ART 310: History of Photography
 - THEA 307S: History of the Theatre
 - THEA 308W History of the Theatre
 - ENGL 362S: Seminar in Cultural Studies

COMM/ENGL 368: Film History
 COMM/ENGL 373S: Theory and Criticism of Film
 COMM/ENGL 383: Digital Rhetoric and Cultures
 COMM/ENGL/ART 399: Seminar in Film and Television Studies
 At least four courses (sixteen hours) of coursework in Communication must be at the 300- or 400-level.

11 courses: 44 hours

Supportive Requirement:

Completion of the intermediate level of a foreign language

Requirements for a Minor in Communication – Professional Writing:

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. COMM/ENGL 216: Introduction to Professional Writing
4. At least three courses (twelve hours) in professional writing to be selected from the following:
 - COMM/ENGL 219: Creative Writing
 - COMM/ENGL 211: Scriptwriting
 - COMM/ENGL 312: Literary Journalism
 - COMM/ENGL 313W: Advanced Rhetoric
 - COMM/ENGL 314W: Advertising and Public Relations
 - COMM/ENGL 315: The Essay
 - COMM/ENGL 316: Writing for Convergent Media
 - COMM/ENGL 311S: Advanced Scriptwriting

At least two courses (eight hours) of coursework in Communication must be at the 300- or 400-level.

6 courses: 24 hours

Film/Television/Video Concentration

The Film/Television/Video concentration is structured to teach students to express themselves and to communicate with others using various digital film media. With a liberal arts grounding and extensive production experience, students have the opportunity to become creative artists and analysts of the media who have a strong sense of the complex realities of the roles film, television, and video play in contemporary communication.

Requirements for the B.A. in Communication – Film/Television/Video Concentration:

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. COMM 400: Internship in Communication
4. COMM 473: Senior Seminar in Communication
5. At least three courses (twelve hours) in visual production to be selected from the following:
 - COMM/ART 218: Introduction to Photography
 - COMM/ART 221: Introduction to Digital Film Production
 - COMM/ART 321: Advanced Digital Film Production
 - COMM/ART 325: Documentary Film
6. At least two courses (eight hours) in film studies to be selected from the following:
 - COMM/ART/ENGL 178: Introduction to Film Art
 - COMM/ENGL 262: Shakespeare and Film
 - COMM/ENGL 368: Film History
 - COMM/ENGL 373S: Film Theory and Criticism
 - COMM/ENGL/ART 399: Seminar in Film and Television Studies
7. At least one course (four hours) in cultural history and analysis to be selected from the following:
 - ART 101: Ancient Through Medieval Art
 - ART 102: Renaissance Through Contemporary Art
 - THEA 112: Analysis and Criticism
 - COMM/ART 250: Design History
 - COMM/ART/ENGL 172: Introduction to Visual Culture
 - ART 305W: History of American Art
 - ART 306S: Foundations of Modern Art
 - ART 310: History of Photography
 - THEA 307S: History of the Theatre

THEA 308W: History of the Theatre
 ENGL 362S: Seminar in Cultural Studies
 COMM/ENGL 383: Digital Rhetoric and Cultures

8. At least one course (four hours) of audio, design, multimedia, and theatre production to be selected from the following:

THEA 205: Technical Production
 COMM/ART 251: Design Communication
 COMM/ENGL 211: Scriptwriting
 THEA 303: Acting: Character Development
 COMM/ENGL 311S: Advanced Scriptwriting
 COMM/ART 351: Web Design
 COMM/ENGL 382: Radio Broadcasting
 THEA 401: Directing I
 COMM/ART 451: Topics in Multimedia Design

At least four courses (sixteen hours) of coursework in Communication must be at the 300- or 400-level.

11 courses: 44 hours

Supportive requirement:

Completion of the intermediate level of a foreign language.

Requirements for a Minor in Communication – Film & Television Studies:

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. At least four courses (sixteen hours) in film and television studies to be selected from the following:
 COMM/ART/ENGL 178: Introduction to Film Art
 COMM/ENGL 262: Shakespeare and Film
 COMM/ENGL 368: Film History
 COMM/ENGL 373S: Film Theory and Criticism
 COMM/ENGL 399: Seminar in Film and Television Studies

At least two courses (eight hours) of coursework in Communication must be at the 300- or 400-level.

6 courses: 24 hours

Requirements for the B.A. in Communication – New Media Design Concentration:

New media and digital design have emerged as crucial components of contemporary communication practice. The new media design concentration allows students to explore more fully the methods and practices associated with mobile communication technologies, multimedia, web, and digital graphic design while also developing knowledge and practices associated with more traditional communication concentrations.

Requirements for the B.A. in Communication – New Media Design:

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. COMM 400: Internship in Communication
4. COMM 473: Senior Seminar in Communication
5. COMM 383: Digital Rhetoric and Cultures
6. At least three courses (twelve hours) in multimedia design to be selected from the following:
 COMM/ART 151: Introduction to Design
 COMM/ART 251: Design Communication
 COMM/ART 351: Web Design
 COMM/ART 451: Topics in Multimedia Design
7. At least two courses (eight hours) in visual and audio production to be selected from the following:
 ART 204: Drawing and 2D Media
 COMM/ART 218: Introduction to Photography
 COMM/ART 221: Introduction to Digital Film Production
 COMM/ART 321: Advanced Digital Film Production
 COMM/ENGL 382: Radio Broadcasting
 COMM 325: Documentary Film
8. At least one course (four hours) in cultural history and analysis to be selected from the following
 ART 101: Ancient through Medieval Art
 ART 102: Renaissance through Contemporary Art

THEA 112: Analysis and Criticism
 COMM/ART 250: Design History
 COMM/ART/ENGL 172: Introduction to Visual Culture
 COMM/ART/ENGL 178: Introduction to Film Art
 COMM/ENGL 262: Shakespeare and Film
 ART 305W: History of American Art
 ART 306S: Foundations of Modern Art
 ART 310: History of Photography
 THEA 307S: History of the Theatre
 THEA 308W History of the Theatre
 ENGL 362S: Seminar in Cultural Studies
 COMM/ENGL 368: Film History
 COMM/ENGL 373S: Theory and Criticism of Film
 COMM/ENGL/ART 399: Seminar in Film and Television Studies

At least four courses (sixteen hours) of coursework in Communication must be at the 300- or 400-level.

11 courses: 44 hours

Requirements for a Minor in Communication – New Media Design

1. COMM 180: Public Communication in the Digital Age
2. COMM 181: Introduction to Communication Studies
3. COMM/ART 250: Design History
4. At least three courses (twelve hours) in multimedia design to be selected from the following:
 - COMM/ART 151: Introduction to Design
 - COMM/ART 251: Design Communication
 - COMM/ART 351: Web Design
 - COMM/ART 451: Topics in Multimedia Design

At least two courses (eight hours) of coursework in Communication must be at the 300- or 400-level.

6 courses: 24 hours

Supportive Requirement:

Completion of the intermediate level of a foreign language.

Program Honors in Communication

In order for a student to be considered for admission to the Honors Program in Communication, he or she must meet the general College criteria for admission to such programs. In addition, each student must: a. Major in Communication. b. Hold a 3.5 GPA in the major and a 3.25 GPA overall. c. Complete a substantial project appropriate for his or her concentration in at least four hours of Independent Study (COMM 491-496). This project must be approved by an Honors Committee made up of three faculty members teaching in the Communication Program and must be published or presented at a public venue approved by the student's Honors Committee.

Course Descriptions

151. INTRODUCTION TO DESIGN..... 4

This course explores, through discussion and application, the elements and principles of design fundamental to all visual arts. A production-oriented class with weekly critiques, this course equips students with foundational knowledge for further study in all visual art and communication courses. Spring. (Same as ART 151)

172. INTRODUCTION TO VISUAL CULTURE..... 4

This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. Spring of odd years. (Same as ART 172 & ENGL 172)

178. INTRODUCTION TO FILM ART..... 4

This course provides an introduction to the study and analysis of film. Students will learn the fundamentals of film form, style, and history. Topics include narrative structure, mise-en-scene, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as digital film production. This course meets six hours per week, three of which are devoted to screenings. Fall. (Same as ENGL 178 & ART 178)

180. PUBLIC COMMUNICATION IN THE DIGITAL AGE..... 4

This course explores the rhetorical challenges posed by new digital communication technologies. Students will investigate how these technologies have altered audience expectations for public presentations and learn when and how to use these technologies to enhance their public communication efforts. The course will require students to deliver a substantial number of oral presentations and use digital tools and communication forums to enhance these presentations when appropriate. Every semester.

- 181. INTRODUCTION TO COMMUNICATION STUDIES** 4
 This course provides a survey of human communication and an introduction to the assumptions and methods of analysis central to communication studies. Topics include the history of communication, communication theories and models, the social roles that communication plays in interpersonal, group, and organizational settings, methods for analyzing the mass media, and current controversies and debates within the field. Spring.
- 200. RADIO PRACTICUM** 1
 COMM 200, a practicum/workshop, is open to all students but is required for students expecting to work on the staff at KSCL. This practicum provides an introduction to and training in the fundamental tasks and responsibilities that all participating students will be expected to understand and perform. Students will be graded on their work in the course, and they will need to demonstrate proficiency and professionalism in order to continue working with the station. This practicum also stresses the link between your engagement with the radio station and your academic and community responsibilities. Every semester.
- 211. INTRODUCTION TO SCRIPTWRITING** 4
 This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce four-five short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. Fall of even years. (Same as ENGL 211 & THEA 211)
- 216. INTRODUCTION TO PROFESSIONAL WRITING**..... 4
 Prerequisite: ENGL 101. This course offers students instruction and practice in various forms of practical communication, such as correspondence, reports, and desktop publishing. Students will also learn specific technology and software skills to operate effectively as professional communicators. Spring of even years. (Same as ENGL 216)
- 218. INTRODUCTIN TO PHOTOGRAPHY** 4
 This course introduces students to the basic principles of photography including a brief examination of the history of photography from a technical viewpoint and training in the functions and controls of a professional digital SLR camera. Students learn the effects of aperture and shutter speed on depth of field and motion, as well as proper light metering techniques. Composition basics, lighting, and digital darkroom techniques will also be explored. Every semester. (Same as ART 218)
- 219. CREATIVE WRITING**..... 4
 Prerequisite: ENGL 101. Creative Writing comprises two courses, the Craft of Poetry and the Craft of Fiction, offered alternately in fall, combining seminar and workshop in which students read and formally analyze model work by established and emerging authors and produce creative work, poetry or short fiction, of their own, applying the techniques of the genre. May be taken two times as topic changes. Every Fall. (Same as ENGL 219)
- 221. INTRODUCTION TO DIGITAL FILM PRODUCTION**..... 4
 Students will learn the basic terminology, methods, and principles of digital film production through classroom lecture, workshops, and field production work. (Same as ART 221)
- 250. DESIGN HISTORY** 4
 An investigation into the design of objects, spaces, and materials, and the forces that shape human-object relations. Students will be introduced to key design theories and movements of 19th-21st century design, and examine case studies stemming from fashion, architecture, decorative arts, landscape design, interior design, graphic design, industrial design, and/or product design. Particular emphasis will be given to the interconnections between design and technology. Spring of odd years. (Same as ART 250)
- 251. DESIGN COMMUNICATION**..... 4
 This course investigates the role design plays in human communication. Students will gain familiarity with the basic concepts and assumptions underlying design practice and learn to see how applied arts such as graphic design, industrial design, and multimedia design function as communicative activities. Special attention will be given to the rhetorical methods associated with identifying design problems and implementing design solutions. Students will also learn specific technology and software skills to operate effectively as visual designers. Fall.
- 262. SHAKESPEARE AND FILM** 4
 Prerequisite: ENGL 101. This course is the meeting ground of the single most influential English author and the most distinctive and pervasive modern artistic form. From its beginnings, film recognized Shakespeare as one of its most reliable and popular sources of material, and Shakespeare remains a potent presence in contemporary film. The course investigates this peculiar dedication to Shakespeare by considering both film versions of Shakespeare's plays ("Shakespeare on Film") and the frequent presence of Shakespearean material in films that have only the most tenuous connection to the actual playwright ("Shakespeare in Film"). Spring of odd years. (Same as ENGL 262)
- 311S. ADVANCED SCRIPTWRITING** 4
 This course continues and intensifies the writing workshop emphasis of COMM/ENGL 211 but with an added emphasis on the critical analysis of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. Fall of odd years. (Same as ENGL 311S & THEA 311S)

- 312. LITERARY JOURNALISM** 4
Prerequisite: ENGL 101. A seminar and workshop for writing literary journalism. Students will survey the genre from a historical perspective, analyze contemporary examples that may serve as models, and produce substantial work of their own. Students will gain experience in interviewing and research as well as employing literary techniques such as narrative, description, and dialogue. Spring of odd years. (Same as ENGL 312)
- 313W. ADVANCED RHETORIC** 4
Prerequisite: ENGL 101. Advanced Rhetoric teaches techniques essential in developing public arguments. The course has a significant historical element, focusing on how such public arguments have been structured according to available media. At the same time, it emphasizes the historical volatility of language and the changing conventions of grammar, mechanics, and punctuation. Knowledge of these developments is the basis for practice in professional editing. Students will write in a variety of expository forms, and they will practice editing their own work and that of others. Course work will culminate in a substantial portfolio that demonstrates their competence as writers and editors. Fall of even years. (Same as ENGL 313W)
- 314W. ADVERTISING AND PUBLIC RELATIONS** 4
Prerequisite: ENGL 101. This course surveys the related fields of advertising and public relations and examines their role in contemporary society. Topics include history, law, ethics, social dynamics, and economic implications as well as creative and technical elements of advertising and public relations campaigns. The process of advertising and public relations is studied from the perspectives of art, business, and communication. Fall. (Same as ENGL 314W)
- 315. THE ESSAY** 4
Prerequisite: ENGL 101. A workshop course for writing belletristic or personal essays. Includes an overview of the essay genre as well as readings from representative essay literature. Spring of even years. (Same as ENGL 315)
- 316. WRITING FOR CONVERGENT MEDIA** 4
Students study basic techniques for producing a wide variety of media content as well as the tactics and strategies for deploying multiple media platforms. Students also study the similarities and differences in style among those platforms. Elements of good writing are emphasized along with learning to produce professional, public media under deadline pressure. In addition, this course emphasizes keeping up with current events and technological trends. Spring of odd years. (Same as ENGL 316)
- 321. ADVANCED DIGITAL FILM PRODUCTION** 4
Prerequisite: COMM/ART 221 or permission of the instructor. Students will enhance their understanding of digital film production through advanced lectures and studio production work. (Same as ART 321)
- 325. DOCUMENTARY FILM** 4
Students will learn the basic terminology, methods, and principles of documentary film studies and production through classroom lecture, workshops, and field production work. Course work will focus on the analysis and production of documentary film as an aesthetic form and a social document, with an emphasis on the social documentary. This course meets six hours per week, three of which are devoted to screenings. (Same as ART 325)
- 351. WEB DESIGN** 4
Prerequisite: ART/COMM 251. This course introduces students to the fundamental concepts, issues, and concerns associated with web site design. Course readings and exercises encourage students to explore the aesthetic and historical/cultural dimensions of design and then use this knowledge as they plan, propose, implement, and rationalize their own web site designs. (Same as ART 351)
- 368. FILM HISTORY** 4
A chronological survey of the cinema from its beginnings in the 1890s to the present. Special attention is paid to major directors, influential national cinemas, and to dominant styles and genres. This course meets six hours per week, three of which are devoted to screenings. Fall of even years. (Same as ENGL 368)
- 373S. THEORY AND CRITICISM OF FILM** 4
Prerequisite: ENGL 101. This course is concerned primarily with the aesthetics of film and the ways in which these theories are applied to practical criticism. Among those approaches to be studied will be feminist, semiotic, and historical methods of analysis. This course meets six hours per week, three of which are devoted to screenings. Fall of odd years. (Same as ENGL 373S)
- 382. RADIO BROADCASTING** 4
Prerequisite: FYE 101. This course is a workshop in radio history, production, and station management. The class works in close association with the student-operated KSCL radio station, creating projects for possible broadcast. Students will read media texts, interact with local radio professionals, write scripts, and design programming. Spring of odd years. (Same as ENGL 382)
- 383. DIGITAL RHETORIC AND CULTURES** 4
This course explores the intersections of digital technologies, contemporary cultural theories, literature, film, and new media. It is a study of the ways technology – social, mechanical, digital – have formed, reformed, and transformed our everyday experience. Students will engage in the critical understanding of the role medium has historically played in cultural expression, and the role it continues to play in creative and rhetorical productions in the digital age. Through lecture, discussion, analytical essays, and critical production assignments, students will improve their digital literacy in regards to past and emergent multimedia objects. Spring of odd years. (Same as ENGL 383)

- 399. SEMINAR IN FILM AND TELEVISION STUDIES** 4
 Prerequisite: ENGL 101. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: "Hitchcock," "Melodrama," and "Television Studies." May be elected for up to eight hours credit as topic changes. Spring of even years. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 399 and ART 399)
- 400. INTERNSHIP IN COMMUNICATION** 4
 Prerequisite: Permission of the Biedenharn Chair in Communication. Supervised internship with an approved company or organization in any of the professional areas covered by the Communication major, such as video/film/television production, advertising, public relations, news or feature writing, new media design, graphic design, or marketing. Students will be required to submit an internship portfolio at the end of the internship to the Biedenharn Chair in Communication. May be repeated for up to eight hours credit. Every semester.
- 451. TOPICS IN MULTIMEDIA DESIGN** 4
 Prerequisite: COMM/ART 251 This course will address a particular multimedia design issue or problem, guiding students in the planning and implementation of appropriate design solutions; topics will vary. May be elected for up to eight hours credit as topic changes. (Same as ART 451)
- 473. SENIOR SEMINAR**..... 4
 Prerequisite: Senior standing and permission of the instructor. Co-requisite: CA 250. This course guides senior communication students in the design and preparation of a portfolio promoting their professional identities and work. This course satisfies the Career component of Trek. Every fall.
- 491-496. INDEPENDENT STUDY**
 Prerequisite: Permission of the Biedenharn Chair in Communication and the student's communication advisor. Guided study in a particular area of communication directed toward the completion of substantial project appropriate for the student's track. The course is restricted to students seeking honors in communication. This course can be repeated for up to eight hours of credit. On demand.



Education (EDUC)

Director Salinas, *Chair*

Professor: K. Schwab

Associate Professor: Soul

Lecturers: Hague, Kerr, Leone, McKinney, Woodard

Professor Emerita: Gwin

Teaching is both a science and an art. At its core, the study of education is interdisciplinary, always intertwining the mastery of content knowledge with the practice of teaching, pedagogy. The Department of Education offers innovative programs that effectively prepare students to teach in elementary and secondary schools. Programs within the Department provide students with opportunities to extend their liberal arts learning through examination of theory and applied research and also provide students with the practical knowledge, skills, and dispositions to become successful teachers through diverse field experiences in elementary and secondary classrooms.

Master of Arts in Teaching (M.A.T.)

Undergraduate seniors in the final semester of the undergraduate program at Centenary College may enroll in six (6) hours of graduate course work in the Master of Arts in Teaching programs. Upon successful completion of bachelor degree requirements, these students may be formally admitted to the M.A.T. program. Students who remain full-time may complete the master's program in their fifth year of study.

The Department of Education offers two graduate programs that lead to initial teacher certification:

- 1) Master of Arts in Teaching (M.A.T.) Elementary Education
- 2) Master of Arts in Teaching (M.A.T.) Secondary Education

Students enrolled in the elementary education program complete the program with certification to teach grades 1-5; those enrolled in the secondary education program complete the program with certification to teach grades 6-12 in one of the following content areas:

- Biology
- Business
- Chemistry
- English
- French
- General Science
- German
- Mathematics
- Physics
- Social Studies
- Spanish

All programs in the Department of Education are accredited by the National Council for Accreditation of Teacher Education (NCATE), the Louisiana State Department of Education, and the Southern Association of Colleges and Schools (SACS).

Please contact the Department of Education (318-869-5223) or visit the Department's website (www.centenary.edu/education) to obtain a Department of Education Graduate Catalogue containing all pertinent details of these programs.

Conceptual Framework: Dedicated Educator

The unifying concept on which Centenary College of Louisiana bases teacher preparation is the Dedicated Educator. The four essential elements of content knowledge, pedagogy, inquiry, and community support this framework.

The main objective of the Department of Education is to prepare dedicated educators. A dedicated educator is one who commits to the personal and professional development and success of all learners, colleagues, and self. Dedicated educators exhibit the knowledge, skills, and dispositions embedded within the essential elements to effectively promote this development and success.

Requirements for the Master of Arts in Teaching (M.A.T.) Elementary:

1. Thirty (30) hours as follows:

EDUC 511: Methods and Materials of Teaching Elementary Language Arts and Social Studies

EDUC 512: Methods and Materials of Teaching Elementary Math and Science

EDUC 516: Methods of Teaching Students with Special Needs

EDUC 519: Human Growth and Development

EDUC 522: Classroom Management

EDUC 525: Theories of Learning

EDUC 530: Curriculum

Read 514: Foundations of Literacy

- Read 515: Teaching Literacy in the Elementary School
- Read 516: Teaching Children with Language Disorders
- 2. Six (6) to nine (9) hours from the following:
 - EDUC 581A: Internship Elementary (6 hours)
 - EDUC 577: Student Teaching Elementary (9 hours)

Requirements for the Master of Arts in Teaching (M.A.T.) Secondary:

- 1. Thirty (30) hours as follows:
 - EDUC 510: Testing and Measurement
 - EDUC 516: Methods of Teaching Students with Special Needs
 - EDUC 519: Human Growth and Development
 - EDUC 522: Classroom Management
 - EDUC 525: Theories of Learning
 - EDUC 529: Secondary Methods
 - EDUC 530: Curriculum
 - EDUC 531: Curriculum Innovations
 - EDUC 563: Philosophy
 - Read 518: Reading in the Content Area
- 2. Six (6) to nine (9) hours from the following:
 - EDUC 581B: Internship Secondary (6 hours)
 - EDUC 578: Student Teaching Secondary (9 hours)

In all pedagogical courses, special needs of exceptional children and children from cultures other than the dominant one will be addressed, and candidates will be expected to incorporate technology into their learning and lesson preparation. Graduate course descriptions are abbreviated; for full course descriptions, please see the Department of Education Graduate Catalogue.

M.A.T. COURSE OFFERINGS

510: TESTING AND MEASUREMENT	3
Theories, principles, and evaluations of various types of tests, with emphasis on both teacher-made and standardized tests will be investigated, with attention to the incorporation of technology into the process.	
511: METHODS AND MATERIALS OF TEACHING ELEMENTARY LANGUAGE ARTS AND SOCIAL STUDIES	3
An integrated study of materials, methods, and assessment of elementary school language arts and social studies instruction. Includes field experience.	
512: METHODS AND MATERIALS OF TEACHING ELEMENTARY MATH AND SCIENCE	3
A study of innovations, trends, research, and implementation related to elementary school math and science instruction. Includes field experience.	
516: METHODS OF TEACHING STUDENTS WITH SPECIAL NEEDS	3
An examination of effective methods utilized to teach children or young adults with special needs. Emphasis in the course is placed upon meeting the needs of all children and young adults in a regular classroom setting including, but not limited to, those diagnosed with ADD, ADHD, dyslexia, and giftedness. Includes field experience.	
519: HUMAN GROWTH AND DEVELOPMENT	3
A study of the biophysical, cognitive, and psychosocial development of children and adolescents.	
522: CLASSROOM MANAGEMENT	3
An examination of practical methods for creating positive learning environments with attention to multicultural differences and similarities, special needs students, and regular education students. Includes field experience.	
525: THEORIES OF LEARNING	3
A study of modern learning theories, their historical context and the contributions of intellectual figures such as Thorndike, Pavlov, Skinner, Hull, Tolman, Vygotsky, Bandura, and others. This course will also provide for practical application and exploration of teaching strategies linked to these theories.	
529: SECONDARY METHODS	3
A study of materials, methods, and practices of teaching and learning in secondary education. Includes field experience.	
530: CURRICULUM	3
A study of elementary and secondary school curriculum theories and design, highlighting recent curriculum development.	
531: CURRICULUM INNOVATIONS	3
An examination of curriculum innovations and trends at the elementary and secondary level, with emphasis on technological innovations.	
563: PHILOSOPHY OF EDUCATION	3
A study of the current philosophies of education, with attention to and emphasis on their impact in education in the United States.	

577-578: STUDENT TEACHING	9
Prerequisites: Successful completion of all PRAXIS tests required for certification; successful completion of all coursework required for certification. Students are allowed to take one of the required courses needed for the M.A.T. degree while student teaching. Application of the concepts, principles, theories, and research related to development of children through intensive practice teaching under the guidance and supervision of a classroom teacher and college faculty. This course is totally field-based.	
581A-B: INTERNSHIP IN TEACHING	6
Prerequisites: Successful completion of all PRAXIS tests required for certification; successful completion of all coursework required for certification. Students are allowed to take one of the required courses needed for the M.A.T. degree while student teaching. This course is designed for students who are employed in local school districts in their certification area. These students are frequently and carefully monitored by Centenary faculty through weekly observations accompanied by detailed feedback.	
595: SELECTED TOPICS	3
A detailed study of an area in education not normally covered in regular education courses. On demand.	
READ 514: FOUNDATIONS OF LITERACY	3
An overview of, and rationale for, integrated literacy instruction in the elementary school, based on four contemporary theories of literacy learning: constructivist, interactive, sociolinguistic, and reader-response theories. Includes field experience.	
READ 515: TEACHING LITERACY IN THE ELEMENTARY SCHOOL	3
Prerequisite: READ 514. A study of how readers and writers construct meaning and how teachers organize for literacy instruction. Includes field experience.	
READ 516: TEACHING CHILDREN WITH LANGUAGE DISORDERS	3
Prerequisites: READ 514 and 515. An examination of instruction for the teaching of children who experience difficulty in learning to read. Specifically, the course addresses reading problems as language problems and suggests communicative techniques that have shown to be effective in shifting the language system in order to improve reading ability. Includes field experience.	
518: READING IN THE CONTENT AREA	3
A study of the appropriate principles, methods, materials, and guidelines for teaching reading in specific disciplines at the secondary level. Special emphasis is placed on specific strategies for teaching reading in the content area. Includes field experience.	
UNDERGRADUATE EDUCATION COURSES (PHASE-OUT)	
NOTE: PRAXIS Requirements	
Prior to the semester of Student Teaching, the student must have taken and passed all parts of the PRAXIS series of exams for teacher certification in Louisiana. These tests include the PRAXIS Pre-Professional Skills Test (PRAXIS I: PPST) in Reading, Writing, and Mathematics, the PRAXIS Principles of Learning and Teaching K-6 or 7-12 Test (PRAXIS II: PLT), and Content Area Test(s). Official passing scores for all parts of the PRAXIS for the certifying student must be in the office of the Department of Education before registering for the semester in which student teaching will be done.	
When filling in the registration forms for the PRAXIS, a student must request that scores be sent directly from Educational Testing Service (ETS) to 1) the Centenary College Department of Education, and 2) the Louisiana State Department of Education. It is the student's responsibility to register for the appropriate PRAXIS tests, and to have the scores sent to the appropriate agencies in a timely manner.	
108. MATH METHODS FOR ELEMENTARY SCHOOLS I: NUMBER SYSTEMS, NUMBER SENSE, AND PROBLEM SOLVING	3
A study of methods of teaching children to explore pre-numeration concepts, whole numbers, fractions, decimals, and percents and their relationships, including the methods of teaching children how to apply number sequences and proportional reasoning, and how to select and use appropriate problem solving tools, including mental arithmetic, pencil-and-paper computation, a variety of manipulatives and visual materials, calculators, computers, and electronic information resources. Includes field-based experiences.	
109. MATH METHODS FOR ELEMENTARY SCHOOLS II: GEOMETRY AND ALGEBRA	3
A study of methods of teaching children to use geometric concepts and relationships to describe and model mathematical ideas and real-world constructs; as well as formulate questions, and collect, organize, represent, analyze, and interpret data by use of tables, graphs, and charts including the methods of teaching children to use symbols and variables to solve problems and to model, explain, and develop computational algorithms. Includes field-based experiences.	
111. MATH METHODS FOR ELEMENTARY SCHOOLS III: MEASUREMENT, STATISTICS, AND PROBABILITY	3
A study of methods of teaching children to understand and use measurement systems, including time, money, temperature, and two- and three-dimensional objects using non-standard and standard customary and metric units including methods of teaching children to predict outcomes using concepts of probability, and how to estimate and check the reasonableness of results. Includes field-based experiences.	
201. FOUNDATIONS OF EDUCATION	34
An examination of American education and the teaching profession, emphasizing the social, legal, historical, and philosophical influences in	

American education, as well as upon educational responses to multiculturalism, cultural diversity, and diversity in the classroom. Course content is supplemented with observations in elementary, middle, and secondary classrooms.

202. EDUCATIONAL PSYCHOLOGY 3

An investigation of the role and relevance of psychology in the learning process in each candidate's area of certification. Participation in a series of observations in learning situations at all socioeconomic levels in the candidate's area of certification is required. Theoretical background in the areas of cognitive, personal, emotional, and social development of students in the candidate's area of certification. Differences in learning among groups of students, cultural and community influences, and ethnic and gender backgrounds, within each candidate's area of certification are examined. Behavioral, cognitive, and constructivist learning theories are explored. Care is taken to distinguish between the needs of the 1-5, K-12, and 6-12 candidates. Includes field-based experiences. Spring.

205. CHILDREN'S LITERATURE..... 3

This course facilitates the exploration and analysis of a wide variety of literature produced for children. Literature appropriate for children from birth to early adolescence is examined including such genres as picture books, poetry, traditional literature, fantasy, contemporary realistic fiction, historical fiction, and nonfiction. The art and media of children's literature is considered, including web-based sources and e-books. Spring.

210. CONCEPTS OF LITERACY AND LANGUAGE ARTS..... 3

Prerequisites: 2.5 GPA. An examination of how elementary children develop and learn to read, write, speak, view, and listen effectively. Dramatic activities and their value in the elementary classroom will be explored and implemented. First and second language development will be explored with emphasis on its effects on literacy development. Includes field-based experiences.

223. EDUCATIONAL TECHNOLOGY..... 3

An examination of the ethical, professional, and technical issues and motivations related to technology as an educational tool. An introduction to specific technologies (including, but not limited to, digital media and the internet), management tools, and educational software. The ethical and professional implications of using such technologies (such as acceptable Use Policies, grant writing, and so on) will also be integrally addressed. Includes field-based experiences.

302. DIVERSITY, EQUITY, AND SOCIAL JUSTICE..... 3

Using multicultural education as a theoretical framework, candidates examine diversity issues such as race, culture, gender, ethnicity, socioeconomic class, affectional orientation, age, and ability as they relate to schooling and education. The relationship of diversity issues with classroom interaction, curriculum decisions and materials, and educational policy will be a major focus. Includes field-based experiences. This course may be substituted for EDUC 203. Fall.

307. METHODS OF TEACHING STUDENTS WITH SPECIAL NEEDS..... 3

Prerequisites: 2.5 GPA. An examination of effective methods utilized to teach students with special needs, within their own area of certification. Emphasis will be placed on meeting the needs of all students in a regular classroom setting, including but not limited to those diagnosed as ADD, ADHD, dyslexic, and gifted. Care is taken to distinguish between the needs of the 1-5, K-12, and 6-12 students. Includes field-based experiences.

308. CLASSROOM MANAGEMENT..... 3

Prerequisites: 2.5 GPA. A study of practical methods for creating positive learning environments for all learners from Kindergarten through 12th grade, with particular emphasis on the area of certification: grades 1-5, grades 6-12, or grades K-12. An examination of the structure of classrooms, in the area of certification, to develop organizational and management skills. Includes field-based experiences in the candidate's area of certification.

309W. METHODS OF TEACHING SOCIAL STUDIES IN ELEMENTARY SCHOOLS..... 3

Prerequisites: 2.5 GPA. This course explores organizing and providing integrated instruction in grades 1-5 for the study of major themes, concepts and modes of inquiry in social studies. Includes field-based experiences.

310. METHODS OF TEACHING SCIENCE IN ELEMENTARY SCHOOLS 3

Prerequisites: 2.5 GPA. An examination of methods of teaching children the nature of science and the content and fundamentals of physical, life, earth, and space sciences, and their interrelationships. Assessment of children's scientific understandings will also be addressed. Includes field-based experiences.

311. TEACHING LITERACY IN ELEMENTARY SCHOOLS 3

Prerequisites: 2.5 GPA. A study of methods to: 1) teach children to read competently, 2) encourage students' enjoyment of reading through multiple instructional strategies, technologies, and a variety of language activities, 3) teach children to read using a balanced instructional program that includes an emphasis on phonics, context, and text that has meaning for students, and 4) teach children to monitor their own comprehension. Includes field-based experiences.

316. THE LANGUAGE-DISORDERED CHILD 3

Prerequisites: EDUC 311; 2.5 GPA. This course focuses on learning to teach the child who experiences difficulty in becoming literate including methods to identify characteristics of the language disordered child through recognition of the preconceptions, error patterns, and misconceptions that may be found in children's understanding of how language functions in communication, and by helping children to correct their misunderstandings of the uses of language. Use of formative and summative assessment to determine the level of children's competence in their understanding and use of language, and to plan further instruction. Includes field-based experiences.

- 318. CONTENT AREA READING**..... 3
Prerequisites: 2.5 GPA. This course emphasizes the application of appropriate principles, methods, materials, and guidelines for teaching reading in an individual content area. This course will prepare secondary education certification candidates and K-12 certification candidates as they become content area teachers in their own discipline to be not only knowledgeable, but also proficient in utilizing techniques that will assist all students in reading and writing with understanding and clarity. Includes field-based experiences.
- 340. SECONDARY METHODS** 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Grades 6-12 with a focus on materials, methods, and problems in teaching their own discipline content areas in grades 6-12. Seminars on classroom management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to their discipline. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced grades 6-12 teacher and a Centenary Department of Education professor.
- 350. K-12 METHODS**..... 3
Prerequisites: 2.5 GPA. A study of materials, methods, and problems in teaching Health and P.E. in K-12 schools under the direction of two experienced K-12 teachers (one from grades K-5, and one from grades 6-12), and a Centenary Department of Education professor. Seminars on classroom management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to their discipline. Investigative writings will be emphasized. Includes field-based experiences.
- 361W. METHODS OF TEACHING BIOLOGY**..... 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Biology in Grades 6-12 with the study of the materials, methods, and problems in teaching Biology in grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Biology instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced grades 6-12 Biology teacher and a Centenary Department of Education professor.
- 363W. METHODS OF TEACHING CHEMISTRY**..... 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Chemistry in Grades 6-12 with the study of the materials, methods, and problems in teaching Chemistry in grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Chemistry instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 Chemistry teacher and a Centenary Department of Education professor.
- 365W. METHODS OF TEACHING ENGLISH** 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach English in Grades 6-12 with the study of the materials, methods, and problems in teaching English in Grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to English instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 English teacher and a Centenary Department of Education professor.
- 367W. METHODS OF TEACHING FRENCH** 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach French in Grades 6-12 with the study of the materials, methods, and problems in teaching French in Grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to French instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 French teacher and a Centenary Department of Education professor.
- 368W. METHODS OF TEACHING GENERAL SCIENCE** 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach General Science in Grades 6-12 with the study of the materials, methods, and problems in teaching General Science in grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to General Science instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 General Science teacher and a Centenary Department of Education professor.
- 372W. METHODS OF TEACHING MATHEMATICS** 3
Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Math in Grades 6-12. The study of the materials, methods, and problems in teaching Math in Grades 6-12. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Math instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 Math teacher and a Centenary Department of Education professor.

- 374W. METHODS OF TEACHING SOCIAL STUDIES** 3
 Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Social Studies in Grades 6-12 with the study of materials, methods, and problems in teaching Social Studies in Grades 6-12. Seminars on classroom management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Social Studies instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 Social Studies teacher and under the direction of a Centenary Department of Education professor.
- 375W. METHODS OF TEACHING SPANISH**..... 3
 Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach Spanish in Grades 6-12 with the study of the materials, methods, and problems in teaching Spanish in modern secondary schools. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Spanish instruction. Investigative writings will be emphasized. Includes field-based experiences under the direction of an experienced Grades 6-12 Spanish teacher and a Centenary Department of Education professor.
- 378W. METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION**..... 3
 Prerequisites: 2.5 GPA. This is one of two methods courses required for candidates certifying to teach K-12 Health and Physical Education with the study of materials, methods, and problems in teaching Health and Physical Education in K-12 schools. Seminars on classroom management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific to Health and Physical Education. Investigative writings will be emphasized. Includes field-based experiences under the direction of two experienced K-12 Health and Physical Education teachers (one from Grades K-5, and one from Grades 6-12), and a Centenary Department of Education professor.
- 395, 396. SELECTED TOPICS**..... 3,3
 A detailed study of an area in education not normally covered in regular education courses. On demand.
- 430S. ELEMENTARY STUDENT TEACHING**..... 9
 Prerequisites: 2.5 GPA; satisfactory completion of all other required coursework for the degree except EDUC 471; successful completion of all parts of the PRAXIS. Co-requisite: EDUC 471. Application of the concepts, principles, theories, and research related to development of children through intensive practice teaching under the guidance and supervision of a classroom teacher and college faculty. This course is totally field-based including 600 hours in the classroom over a period of 14 weeks, with observations by supervising teachers and college supervisors. This course satisfies the Career component of Trek. Fall, Spring.
- 440S. SECONDARY STUDENT TEACHING**..... 9
 Prerequisites: 2.5 GPA; satisfactory completion of all other required coursework for the degree except EDUC 471; successful completion of all parts of the PRAXIS. Co-requisite: EDUC 471. Intensive practice teaching in an all-day secondary school setting, for one semester, under the supervision of a college faculty and under the direction of a (or 2) master teacher(s) in the content area of certification. This course is totally field-based including 600 hours in the classroom over a period of 14 weeks, with observations by supervising teachers and college supervisors. This course satisfies the Career component of Trek. Fall, Spring.
- 450S. K-12 STUDENT TEACHING**..... 9
 Prerequisites: 2.5 GPA; satisfactory completion of all required coursework for the degree except EDUC 471; successful completion of all parts of the PRAXIS. Co-requisite: EDUC 471. This course is designed for candidates completing a program of certification in Grades K-12 (Health and PE, Music [vocal] and Music [instrumental]). Application of the concepts, principles, theories, and research related to development of students in Grades K-12, through intensive practice teaching under the guidance and supervision of two classroom teachers (one at the K-5 level for seven weeks; one at the 6-12 level for seven weeks) and college faculty. This course is totally field-based including 600 hours in the classroom over a period of 14 weeks, with observations by supervising teachers and college supervisors. This course satisfies the Career component of Trek. Fall, Spring.
- 471. SENIOR SEMINAR**..... 1
 Prerequisites: 2.5 GPA; satisfactory completion of all other required coursework for the degree except EDUC 430S, EDUC 440S, or EDUC 450S; successful completion of all parts of the PRAXIS. Corequisite: EDUC 430S, EDUC 440S or EDUC 450S. A weekly one-hour seminar that reviews major teaching practices and classroom situations. Fall, Spring.
- 199. MODULE STUDIES**..... 3
 Special topics offered during Module.

Engineering (ENGR)

Assistant Professor Troy Messina, *Gus Wortham Chair of Engineering*

At Centenary, students take science courses that provide the fundamental scientific principles and the basic engineering skills necessary for a student to pursue a professional degree in Engineering at a cooperating institution. Students also complete all other Centenary graduation requirements. As part of these requirements a student may choose to earn a Bachelor of Arts degree with a major in biophysics, geology, or mathematics; students can also develop and individualized major to complete the requirements for the Centenary degree. A student must complete ninety-two hours of course work before enrolling at the cooperating institution. Thirty-two hours of engineering courses from the institution granting the engineering degree will be accepted as transfer credit toward the Centenary degree; most of these courses are 300-level and above. Students under this program are exempted from the Senior Seminar at Centenary.

Since first-year students are expected to begin this program with a first course in calculus, a strong high school background in trigonometry and advanced mathematics is highly recommended. Students in the dual degree program should file a degree plan before beginning their last year at Centenary and regularly consult with the engineering coordinator to learn of program changes and application deadlines. See centenary.edu/programs/engineering for details.

Centenary Science Course Requirements:

PHYS 104, 114, 105, 115

MATH 115, 201, 303, 203, 307

CSC 207

CHEM 121, 123, 122, 124

251. ENGINEERING GRAPHICS	3
Introduction to engineering graphics. Solids. Modeling. Projections. Sectional views. Dimensions. Descriptive geometry. Sketching. Computer Graphics. On demand.	
321. THERMAL PHYSICS	3
Prerequisites: PHYS 105 and MATH 303. An introduction to the physics underlying thermodynamic concepts. Topics include the first and second laws of thermodynamics, Helmholtz and Gibbs free energies, chemical potential, grand partition function, and the properties of ideal, Bose, and Fermi gases. Alternate years. (Same as PHYS 321)	
491-496. INDEPENDENT STUDY IN ENGINEERING	1-6
Prerequisite: Consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one to six hours per semester.	
199. MODULE STUDIES	3
Special topics offered during the Module.	

English (ENGL)

Associate Professor Hamming, *Chair*
Lecturer: Laffey

Professors: Havird, Hendricks, Newtown, Shelburne
Professors Emeriti: Morgan, Labor

In the Department of English students have the opportunity to concentrate their studies in Literary Studies, Creative Writing, or Film and Cultural Studies. Majors receive a strong foundation in the traditional areas of English and American literature. Many of the courses offered in English focus on close reading, writing, inquiry, and analysis. By exercising these skills, students majoring in English prepare themselves to enter graduate school or seek professions in the humanities, education, business, law, and other areas where language skills, analytical thinking, and cultural literacy are valued.

Major requirements:

All English majors, regardless of concentration, are required to take ten courses (40 hours) beyond English 101, including the following five courses (20 hours):

- 102: Introduction to Literature (ideally taken during the first or second year)
- 278: Literary Theory and Cultural Criticism (ideally taken during the second year)
- 322: British Literary Traditions (ideally taken during the second or third year)
- 323: American Literary Traditions (ideally taken during the second or third year)
- 473: Senior Seminar (to be taken during fall of the fourth year)

Supportive Requirement: A foreign language through the intermediate level.

Concentration Requirements:

English with an Emphasis on Literary Studies:

- An additional five elective courses (20 hours) in English, including:
 - at least three literature classes, of which one must be a 300/400-level course focusing on British literature, and one must be a 300/400-level course focusing on American literature.

English with an Emphasis on Creative Writing:

- An additional five elective courses (20 hours) in English, including:
 - at least three creative writing classes, of which at least two must be on the 300/400-level, selected from the following course options:
 - 211: Introduction to Scriptwriting
 - 219: Creative Writing: The Craft of Poetry
 - 219: Creative Writing: The Craft of Fiction;
 - 312: Literary Journalism
 - 311S: Advanced Scriptwriting
 - 313W: Advanced Rhetoric
 - 315: The Essay

English with an Emphasis on Film and Cultural Studies:

- An additional five elective courses (20 hours) in English, including
 - at least three Film and Cultural Studies classes, of which at least two must be on the 300/400-level, selected from the following course options:
 - 172: Introduction to Visual Culture
 - 178: Introduction to Film Art
 - 262: Shakespeare and Film
 - 362S: Seminar in Cultural Studies
 - 368: Film History
 - 373: Film Theory and Criticism
 - 382: Theory and Practice of Radio Broadcasting
 - 383: Digital Rhetoric and Cultures
 - 399: Seminar in Film and Television Studies

Minor Requirements:

Students earning a minor in English are required to take six courses in English (24 hours) beyond English 101, including the following four courses (16 hours):

- 102: Introduction to Literature (ideally taken during the first or second year)

- 278: Literary Theory and Criticism (ideally taken during the second or third year)
- 322: British Literary Traditions (ideally taken during the second or third year)
- 323: American Literary Traditions (ideally taken during the second or third year)

Students earning a minor in English are also required to take two elective courses (8 hours) in English, at least one of which must be on the 300-level.

Departmental Honors in Literary, Film, or Cultural Criticism

A student who earns English Departmental Honors in literary, film, or cultural criticism at Centenary College of Louisiana is someone who, through a rigorous course of comprehensive research, literary and/or cultural analysis, synthetic and critical writing, and an oral defense, demonstrates mastery of a primary work or set of works through close reading, careful analysis, a robust understanding of literary and cultural contexts, and a thorough knowledge of relevant criticism.

Departmental Honors in Creative Writing

A student who earns English Departmental Honors in creative writing at Centenary College of Louisiana is someone who, through the production of original work and an oral defense, demonstrates not only a singularity of perception and expression but also a critical as well as an imaginative engagement in a literary tradition, which includes the conventions of genre and a repertoire of techniques.

Full details are available on the English Department's webpage: centenary.edu/english/honors

- 101: SEMINAR IN RHETORIC AND CULTURE**..... 4
A writing-intensive introduction to cultural inquiry and the art of persuasion. Through the analysis of texts in various genres and through the production of their own written arguments, students will learn to recognize and employ appropriate strategies for effective communication. Students will also attend and respond critically to co-curricular cultural events, including art exhibits, literary readings, concerts, films, lectures, and plays. Students are encouraged to take this class as early as possible and must take the course no later than their sophomore year. Core. Every semester.
- 102: INTRODUCTION TO LITERATURE** 4
Pre- or Co- requisite: ENGL 101. An introduction to literary appreciation, analysis, and interpretive techniques with an emphasis on close reading enhanced by class discussions and expository essays. Required for major and minor. Humanities Core. Major/Minor Requirement. Every semester.
- 172: INTRODUCTION TO VISUAL CULTURE**..... 4
This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. Spring of odd years. (Same as ART 172 and COMM 172)
- 178: INTRODUCTION TO FILM ART**..... 4
This course provides an introduction to the study and analysis of film. Students will learn the fundamentals of film form, style, and history. Topics include narrative structure, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as film and video production. This course meets six hours per week, three of which are devoted to screenings. Every Fall. (Same as ART 178 and COMM 178)
- 201: INTRODUCTORY SEMINAR IN LITERATURE AND CULTURE** 4
Pre- or Co- requisite: English 101. Intensive readings of literary works, studied within their cultural contexts, in such generically or topically oriented subjects as the American Short Story, Modern Drama, Literature and War, Modern American Poetry, Multicultural Autobiography, Literature of Social Change, and Southern Literature. May be taken two times as topic changes. Humanities Core. Challenge Core. Every semester.
- 211: INTRODUCTION TO SCRIPTWRITING** 4
This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce four-five short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. Fall of even years. (Same as COMM 211 and THEA 211)
- 216: INTRODUCTION TO PROFESSIONAL WRITING**..... 4
Prerequisite: ENGL 101. This course offers students instruction and practice in various forms of practical communication, such as correspondence, reports, and desktop publishing. Students will also learn specific technology and software skills to operate effectively as professional communicators. Spring of even years. (Same as COMM 216)
- 219: CREATIVE WRITING: THE CRAFT OF POETRY/THE CRAFT OF FICTION** 4
Prerequisite: ENGL 101. Creative Writing comprises two courses, the Craft of Poetry and the Craft of Fiction, offered alternately in fall, combining seminar and workshop in which students read and formally analyze model work by established and emerging authors and produce creative work, poetry or short fiction, of their own, applying the techniques of the genre. Humanities Core. May be taken two times as topic changes. Every Fall. (Same as COMM 219)

- 262: SHAKESPEARE AND FILM** 4
 Prerequisite: ENGL 101. This course is the meeting ground of the single most influential English author and the most distinctive and pervasive modern artistic form. From its beginnings, film recognized Shakespeare as one of its most reliable and popular sources of material, and Shakespeare remains a potent presence in contemporary film. The course investigates this peculiar dedication to Shakespeare by considering both film versions of Shakespeare's plays ("Shakespeare on Film") and the frequent presence of Shakespearean material in films that have only the most tenuous connection to the actual playwright ("Shakespeare in Film"). Humanities Core. Spring of odd years. (Same as COMM 262)
- 278: LITERARY THEORY AND CRITICISM** 4
 This course introduces the history and current practices of literary criticism. The course uses a variety of literary texts for testing and exploring each method. Major/Minor Requirement. Humanities Core. Spring of odd years.
- 290: INTERDISCIPLINARY STUDIES** 4
 Pre- or Co-requisite: ENGL 101. This course is designed to facilitate the treatment of topics across disciplinary boundaries. May be taken two times as topic changes. Humanities Core. Challenge Core. On demand.
- 301S: SEMINAR IN LITERATURE AND CULTURE** 4
 Prerequisite: ENGL 101. Intensive readings of literary works, studied within their cultural contexts, in such generically or topically oriented subjects as the Postcolonial Novel, Women's Literature, Sex and Gender, Literature of Diaspora, Caribbean Poetry, etc. May be taken two times as topic changes. Humanities Core. Challenge Core. Yearly.
- 311S: ADVANCED SCRIPTWRITING** 4
 This course continues and intensifies the writing workshop emphasis of English 211 but with an added emphasis on the critical analysis of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. Fall of odd years. (Same as COMM 311S and THEA 311S)
- 312: LITERARY JOURNALISM** 4
 Prerequisite: ENGL 101. A seminar and workshop for writing literary journalism. Students will survey the genre from a historical perspective, analyze contemporary examples that may serve as models, and produce substantial work of their own. Students will gain experience in interviewing and research as well as employing literary techniques such as narrative, description, and dialogue. Spring of odd years. (Same as COMM 312)
- 313W: ADVANCED RHETORIC** 4
 Prerequisite: ENGL 101. Advanced Rhetoric teaches techniques essential in developing public arguments. The course has a significant historical element, focusing on how such public arguments have been structured according to available media. At the same time, it emphasizes the historical volatility of language and the changing conventions of grammar, mechanics, and punctuation. Knowledge of these developments is the basis for practice in professional editing. Students will write in a variety of expository forms, and they will practice editing their own work and that of others. Course work will culminate in a substantial portfolio that demonstrates their competence as writers and editors. Fall of even years. (Same as COMM 313W)
- 314W: ADVERTISING AND PUBLIC RELATIONS** 4
 Prerequisite: ENGL 101. This course surveys the related fields of advertising and public relations and examines their role in contemporary society. Topics include history, law, ethics, social dynamics, and economic implications as well as the creative and technical elements of the advertising and public relations campaign. The process of advertising and public relations is studied from the perspectives of art, business, and communication. Every Fall. (Same as COMM 314W)
- 315: THE ESSAY** 4
 Prerequisite: ENGL 101. A workshop course for writing belletristic or personal essays. Includes an overview of the essay genre as well as readings from representative essay literature. Challenge Core. Spring of even years. (Same as COMM 315)
- 316: WRITING FOR CONVERGENT MEDIA** 4
 Students study basic techniques for producing a wide variety of media content as well as the tactics and strategies for deploying multiple media platforms. Students also study the similarities and differences in style among those platforms. Elements of good writing are emphasized along with learning to produce professional, public media under deadline pressure. In addition, this course emphasizes keeping up with current events and technological trends. Spring of odd years. (Same as COMM 316)
- 321: SEMINAR IN LITERARY HISTORY** 4
 Prerequisite: ENGL 101. This course designates a variety of topically focused seminars on British and American literary periods or movements, such as Medieval and Early Modern British literature, the Romantic Period and the Victorian Age, Colonial American literature, the American literary renaissance, and Modernism. These seminars emphasize the study of primary texts and critical analysis and research. May be taken three times as topic changes. Humanities Core. Every Fall.
- 322: BRITISH LITERARY TRADITIONS** 4
 Prerequisite: ENGL 101. The course introduces students to some major British writers and to profitable approaches to their works while providing opportunities for students to refine their critical practices. Students should expect to finish the course with a broad, if skeptical, understanding

of the conventional periodic divisions of British literature, an appreciation of the critical notions of “traditions” and “canon,” and a sense of the pleasure to be derived from reading and discussing fine writing. The course offers students abundant opportunity for the close reading of complex texts. Major/Minor Requirement. Humanities Core. Every Fall.

323: AMERICAN LITERARY TRADITIONS 4

Prerequisite: ENGL 101. An intensive survey of significant cultural and literary forces in American literature. Major/Minor Requirement. Humanities Core. Every Spring.

333W: SEMINAR IN LITERARY GENRES 4

Prerequisite: ENGL 101. This course designates a variety of seminars devoted to a single literary genre or two complementary genres, focusing on primary texts that illustrate characteristics of the genre as it has developed historically and, to a lesser extent, on theoretical examinations of it. Regularly offered seminars include the British Novel, the American Novel, and the Lyric Poem. May be taken three times as topic changes. Humanities Core. Every Fall.

341W: SEMINAR IN MAJOR AUTHORS 4

Prerequisite: ENGL 101. An intensive study of authors whose work has significantly affected the traditions of literature written in English. A class might focus on one author – for instance, Chaucer, Shakespeare, Milton, Austen, or Faulkner – or might examine several authors whose works are historically linked or mutually illuminating – for example, Johnson and Boswell, Woolf and the Bloomsbury Group, or Rossetti and the Pre-Raphaelites. May be taken three times as topic changes. Humanities Core. Every Spring.

362S: SEMINAR IN CULTURAL STUDIES 4

In this course students will analyze the detritus of American pop culture—literature, art, Hollywood film, television, music, sports, magazines, consumer culture, games and new media. Students will critically examine these cultural productions, considering what they reveal about the practice of everyday life, structures of power, and modes of resistance. The course will introduce theoretical frameworks for studying race, class, gender, and sexuality in the context of popular media, including Marxism, feminism, psychoanalysis, and post-structuralism. May be taken three times as topic changes. Humanities Core. Fall of odd years.

368: FILM HISTORY 4

A chronological survey of the cinema from its beginnings in the 1890s to the present. Special attention is paid to major directors, influential national cinemas, and to dominant styles and genres. This course meets six hours per week, three of which are devoted to screenings. Fall of even years. (Same as COMM 368)

373S: FILM THEORY AND CRITICISM 4

Prerequisite: ENGL 101. This course is concerned primarily with the aesthetics of film and the ways in which these theories are applied to practical criticism. Among those approaches to be studied will be feminist, semiotic, and historical methods of analysis. This course meets six hours per week, three of which are devoted to screenings. Fall of odd years. (Same as COMM 373S)

382: RADIO BROADCASTING 4

Prerequisite: FYE 101. This course is a workshop in radio history, production, and station management. The class works in close association with the student-operated KSCL radio station, creating projects for possible broadcast. Students will read media texts, interact with local radio professionals, write scripts, and design programming. Spring of odd years. Spring of odd years. (Same as COMM 382)

383: SEMINAR IN DIGITAL RHETORIC AND CULTURES 4

This course explores the intersections of digital technologies, contemporary cultural theories, literature, film, and new media. It is a study of the ways technology-- social, mechanical, digital--have formed, reformed, and transformed our everyday experience. Students will engage in the critical understanding of the role medium has historically played in cultural expression, and the role it continues to play in creative and rhetorical productions in the digital age. Through lecture, discussion, analytical essays, and critical production assignments, students will improve their digital literacy in regards to past and emergent multimedia objects.. Spring of odd years. (Same as COMM 383)

399: SEMINAR IN FILM AND TELEVISION STUDIES 4

Prerequisite: ENGL 101. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: “Hitchcock,” “Melodrama,” and “Television Studies.” May be elected for up to eight hours credit as topic changes. Spring of even years. This course meets six hours per week, three of which are devoted to screenings. (Same as COMM 399)

400: INTERNSHIP 4

Supervised internship with an approved employer in an appropriate professional area, such as editing, publishing, and public relations. Students are required to submit a term paper or project of equivalent value to the program director at the end of the internship. On Demand.

473: SENIOR SEMINAR 4

A capstone course in which Senior English majors will 1) assemble a writing portfolio which includes a 15-20 page Senior Essay and 2) take a comprehensive exam over a reading list provided by the English department. A substantial part of the course is not only reviewing for the comprehensive exam and writing/revising the Senior Essay, but also researching and planning for life after college, including career exploration and the graduate school admission process. Major Requirement. Every Fall.

494: INDEPENDENT STUDY	1-4
Prerequisites: Junior standing and permission of the instructor. Research and writing or creative work in an area of mutual interest to the student and faculty member. May be taken two times depending on project. On Demand.	
199: MODULE STUDIES	4
Special topics offered during the Module. On Demand.	

Environment and Society Minor (ENST)

Associate Professor David Bieler, *Chair, Geology Department*

Associate Professor Jeanne Hamming, *English Department*

At least twenty hours of courses work are required for the ENST minor, including six hours in courses numbered above 300. No more than four hours from the student's major course requirements may be counted towards the minor. Up to six hours of coursework in any department may be added from outside the elective list, subject to the approval of an ENST advisor. One course in any department not offered as a Sustainability challenge course may be elected subject to the approval of an ENST advisor.

Required Courses

- One course from GLG 103, CHEM 105/115, GLG 208
- Four additional Sustainability challenge courses from at least two academic divisions selected in consultation with an ENST advisor

290. INTERDISCIPLINARY STUDIES	3
Prerequisite: Permission of instructor. This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit.	
291. SUSTAINABILITY PROJECTS LAB	1
Prerequisite: Permission of instructor. This course addresses issues of environment and sustainability within local and global contexts through project-based learning and hands-on application. May be taken up to three times for credit. This course satisfies the Community component of Trek.	
302. ENVIRONMENT TOPICS	3
Prerequisites: Six hours of environmental studies required course work, or permission of adviser. A detailed study of environmental subject matter not normally covered in other work. Topics will stress the interdisciplinary nature of environmental issues and policy-making, covering such topics as environmental regulation, law, and politics.	
391-394. SELECTED TOPICS	1-4
An in-depth study of environmental topics not covered in existing college courses. Environmental courses taken at an approved field station are especially likely to be considered in this category. A current topics is Coastal Oceans, taught through LUMCON (Louisiana Universities Marine Consortium).	
491-493. INDEPENDENT STUDY	1-3
Prerequisites: Permission of program adviser and submission of acceptable proposal. Guided independent study or experience related to ongoing environmental issues. Written report or oral presentation will be required where appropriate.	

First Year Experience (FYE)

Director, David Otto, *Crawford Chair of Liberal Arts*

Centenary's First Year Experience program provides a distinctive academic experience that introduces students to the liberal arts, those skills and habits of mind that allow one to approach complex problems from a variety of perspectives. The First Year Experience program is designed to highlight these diverse forms of inquiry and to cultivate the intellectual skills that enable successful participation in scholarly, professional, and public discourses.

The First Year Experience program integrates in class work with a series of guest speakers and cultural events that present diverse perspectives, model a multidisciplinary approach to problem solving, offer material for exploration, and provide an opportunity to interact with people who have made important contributions to the public discussion of ideas.

In recognition of the thoroughly multidisciplinary nature of this program, the teaching faculty is drawn from across Centenary's many academic departments.

FYE 101. COMMUNITIES AND CONFLICTS 4

This course introduces students to the liberal arts and to the processes of inquiry by which scholarly, professional, and public communities formulate knowledge and forge solutions to complex problems. Drawing on research, guest speakers, and cultural events from diverse academic disciplines and from contemporary public discourse, students and faculty examine ideas and analyze the arguments and evidence that are used to make and defend conclusions. We build on this examination to collaboratively engage in research projects that enable students to learn the research, analysis, writing and speaking skills essential to their academic and professional lives. Each fall.

Students are required to take FYE 101 in the fall semester of their first year and cannot drop the course.

Foreign Languages

Professor Kress, *Chair*
Associate Professor: Murov

Lecturer: Addington
Professors Emeriti: Clark, Penuel, R. Bareikis

The programs in ancient and modern languages at Centenary are designed to provide students with a knowledge of languages and cultures which will be useful to them practically, intellectually, and professionally.

We seek to equip the student with the ability to understand, speak, read, and write the language. To this end, the target language is used extensively, in some courses exclusively, in the classroom. The department aims to make the learning of languages as authentic and effective as possible. Students publish a French-language newspaper, perform a Spanish play, meet with Germans and broadcast in French, German and Spanish on the college radio station.

The study of a language and the culture rooted in that language will not only provide students with invaluable insights into the nature and structure of feelings, imagination, and thought, but will also deepen their understanding of their own language and culture.

Knowledge of another language enhances employment opportunities in many fields in an increasingly interdependent world, and is the basis for a career itself. Career opportunities are found in tourism, international business, government, airlines, social work, and teaching.

Centenary provides its students opportunities for study abroad through its membership in the consortium of the Associated Colleges of the South and through various CODOFIL programs (Council for the Development of French in Louisiana), through exchange programs with the *Université de Lille* in Lille, France, the *Technische Hochschule* in Dresden, Germany, the *Universidad de Guanajuato* in Guanajuato, Mexico and through Modules (short courses in May) in countries such as Germany, Mexico, Spain and France.

The department is equipped with satellite television which brings in programming in dozens of languages from countries around the globe. Also available is a large collection of audio-visual materials in all the languages we teach. Last, but not least, the new multimedia lab provides computer-assisted instruction in all languages.

A Major is offered in French. Minors are offered in French and Spanish.

For information regarding departmental scholarships, please write the chair of the department.

Placement and Credit Through Examination

Students with at least two years of a foreign language in high school or competent in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign-language course or during the first week of classes. Students may receive both advanced placement and credit for elementary and intermediate courses (101, 102; 201, 202) on the basis of their scores on examinations administered by the Department of Ancient and Modern Languages during orientation or on the basis of their scores on examinations of the Advanced Placement Program of the College Entrance Examination Board (AP). For specific information on the AP – see pg. 22. See the chair of the department for information on the scheduling and evaluation of the tests.

Major Requirements for the B.A. In French

1. Twenty-two hours (including Senior Seminar, i.e. FLNG 471-73) in the major language numbered above 202, three of which must be selected from conversation laboratories (211, 212; 311, 312).
2. Supportive courses as follows:
 Choose option I or II.
 - I. Nine semester hours in English courses numbered above 102.
 - II. Six semester hours in English courses numbered above 102, and three semester hours in a history course approved by the adviser. Strongly recommended are three additional hours in religion or philosophy and six hours in fine arts.
 (Students will also be advised to take, as part of the options above: English 478 or another course with emphasis on critical theory.)

Minor Requirements for French and Spanish

1. Twenty-two semester hours including:
 - a. Six semester hours in courses numbered above 300, three of which shall be in literature.
 - b. Two semester hours selected from conversation laboratories 211, 212; 311, 312.

Departmental Honors

A major may be admitted to the Department’s Honors Program if he or she has attained junior standing and meets the other requirements. (See pg. ___ of the catalogue). For details, consult the department chairman.

Requirements for the B.S. in Business for the Business/Foreign Language Coordinate Program

This coordinate program with the Department of Ancient and Modern Languages is designed to prepare students for a career in international business or to work in a business environment where Spanish or French is the predominate language. The student admitted to this program will major in Business Administration or major in Business Administration with a Management Concentration.

1. The student must complete the following required courses in Business: ACCT 203-204, BUSN 223, BUSN 321W, 341, 346, 380S, 473, and FIN 325. Students must choose either ACCT 340 or ECON 340 as the international component of the Business core. Supportive courses required are ECON 204, 211, and 212.
2. Students must select BUSN 341 as one of their Business requirements.
3. The student must complete six hours of upper level (300+) foreign language courses. These courses should be chosen with the advice of a professor of the chosen language.
4. The student must experience life in a foreign country. This experience may be completed by means of an international module, participation in an international study program, or work as an intern in a foreign country.
5. Questions regarding other options for fulfilling the overseas requirement and general inquiries concerning the program should be addressed to the Dean of the Frost School of Business and the Chair of the Ancient and Modern Languages Department.

Certification to Teach

The Department of Education at Centenary offers an alternative certification program leading to the M.A.T. preparing students to teach in an elementary or secondary school. Students who receive a baccalaureate degree from Centenary and have a career GPA of 2.5 or higher are eligible to apply to these programs. Undergraduate seniors in their final semester at Centenary College may, with permission of the Provost and the Chairperson of the Department of Education, be admitted to the graduate program and may enroll in a maximum of six (6) hours of graduate coursework. For additional information, please contact the Department of Education or visit the Department’s website www.centenary.edu/education to obtain a Department of Education Graduate Catalogue.

Departmental Courses (FLNG)

300. STUDY ABROAD (CREDIT EVALUATED)

Centenary-approved enrollment in courses pursued abroad, such as concurrent registration in study abroad programs through ACS and CODOFIL.

330. METHODS OF TEACHING LANGUAGES 3

A study of various approaches to the teaching of foreign languages to children and adults, including readings in current theories of language teaching and learning and opportunities for observation and practice teaching. Prerequisite: completion of the intermediate level of a foreign language. On demand.

393W, 394W. STUDIES IN CULTURE: LITERATURES IN TRANSLATION..... 3,3

No knowledge of a foreign language required. Studies in the nature and ideas of foreign cultures through film and/or literature in English translation. Individualized topics may not be repeated for credit. W courses require a minimum of 12 typed pages of graded writing.

400. INTERNSHIP..... 1-3

This course involves practical experience in the teaching of foreign languages or in the use of foreign languages in the business world.

- 471-73. SENIOR SEMINAR**..... 1-3
An intensive study of a topic in language, literature, civilization, or foreign language teaching methodology. The student will make an oral presentation or at least one major paper on the topic being studied. This course will also include an assessment of proficiency acquired in the target language during the student's undergraduate career.
- 199. MODULE STUDIES**..... 3
Special topics offered during the Module.

French (FREN)

- 101-102. ELEMENTARY FRENCH** 3-3
A communicative approach to French with emphasis on all four language skills: comprehension, speaking, writing, reading.
- 201-202. INTERMEDIATE FRENCH** 3-3
Prerequisite: FREN 101-102 or equivalent. Grammar review, development of vocabulary and fluency in oral and written expression. Readings on various aspects of French culture, including literature.
- 211. FRENCH CONVERSATION LAB - SECOND YEAR**..... 1
Prerequisites: FREN 101-102 or consent of the instructor. Normally requires concurrent enrollment in French 201-202. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, and will stress the development of situational vocabulary. May be repeated for credit. Offered every semester.
- 301. FRENCH PHONETICS** 3
An in-depth study of the International Phonetic Alphabet and the French sound system, focusing on those features of connected speech.
- 302. ADVANCED GRAMMAR** 3
An intensive study of advanced grammar and vocabulary covering such topics as linguistic signs and structure, semantics, syntax, and morphology.
- 305. ADVANCED CONVERSATION AND COMPOSITION** 3
Prerequisites: FREN 201-202 or completion of any upper division French course. Intense conversational practice using materials from contemporary French culture including magazines, newspapers, films, and tapes featuring native speakers. Original compositions in French. Includes advanced grammar and pronunciation drill. Offered every Fall semester.
- 308. INTRODUCTION TO LITERARY TEXTS**..... 3
Prerequisite: FREN 305 or completion of any upper division French course. Provides an introduction to the study of French literature, and teacher techniques for reading and analyzing short stories, poetry, plays and longer prose selections. One novel will be read in its entirety. Offered every spring semester.
- 309. FRENCH PAINTING** 3
Prerequisites: FREN 201-202 or completion of any upper division French course. The development of artistic independence in France (from Neo-Classicism to Cubism) is studied in its social, political and economic context. (Same as ART 309; taught in French)
- 311. FRENCH CONVERSATION LAB - THIRD YEAR**..... 1
Prerequisites: FREN 201-202, FREN 211, or consent of the instructor. Normally requires concurrent enrollment in FREN 305. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, articles from the French press, and will stress the development of vocabulary relating to issues of current concern in France. May be repeated for credit. Offered every semester.
- 395,396. SELECTED TOPICS**..... 3,3
Prerequisites: FREN 201-202 or completion of any upper division French course. Study in areas of French language, civilization, or literature not covered by other courses. Individual topics may not be repeated for credit. Offered on demand.
- 415. LITERATURE OF THE MIDDLE AGES AND THE RENAISSANCE**..... 3
Prerequisites: FREN 201-202 or completion of any upper division French course. Study of the masterpieces of medieval and Renaissance literature, including La Chanson de Roland, Tristan et Iseult, Villon, Rabelais, Montaigne, Ronsard, DuBellay and others. Alternate years.
- 416. LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES**..... 3
Prerequisites: FREN 201-202 or completion of any upper division French course. Study of major seventeenth and eighteenth-century writers such as Corneille, Moliere, Racine, Pascal, La Fontaine, Voltaire, Diderot, and Rousseau. Alternate years.
- 419. LITERATURE OF THE NINETEENTH CENTURY**..... 3
Prerequisites: FREN 201-202 or completion of any upper division French course. Study of nineteenth-century French authors such as Chateaubriand, Constant, Stendhal, Hugo, Flaubert, Balzac, Baudelaire, Zola, and the Symbolist poets. Alternate years.
- 420. LITERATURE OF THE TWENTIETH CENTURY**
Prerequisites: FREN 201-202 or completion of any upper division French course. Study of modern French playwrights, poets, and novelists such as Proust, Gide, Sartre, Ionesco, Claudel, Camus, Malraux. Alternate years.

421. LITERATURE OF FRENCH LOUISIANA.....
 Prerequisites: FREN 201-202 or completion of any upper division French course. Study of major texts of Louisiana French and creole literature, including works by LaSalle, LeBlanc de Villeneuve, Mercier, Testut, Rouquette, and others. Offered on demand.

491-493. INDEPENDENT STUDY..... 1-3
 Prerequisites: FREN 201-202 or permission of instructor. Study in a field of French language or literature appropriate to the student's preparation and interests. Individual topics may not be repeated for credit. Offered upon demand.

Italian (ITAL)

101-102. ELEMENTARY ITALIAN..... 3-3
 An introduction to Italian with emphasis on all language skills: comprehension, speaking, reading, and composition. Offered on demand.

Hebrew (HEB)

151-152. INTRODUCTION BIBLICAL HEBREW 3-3
 Taken together, these two courses give students the vocabulary to read aloud and translate any text in the Hebrew Bible, as well as the grammatical and syntactical skills necessary to translate any narrative text in the Hebrew Bible with the help of a lexicon. As such, students will be able to discover not only "what gets lost in translation," but also what gets added or changed in translation. Offered on demand. (Same as REL 151/152)

Latin (LAT)

See Courses in Transition (after Trek) for additional information.

Spanish (SPAN)

101-102. ELEMENTARY SPANISH..... 4-4
 An introduction to the Spanish language with emphasis on developing speaking, listening, reading, and writing skills as well as cultural understanding.

201-202. INTERMEDIATE SPANISH 3-3
 Prerequisites: SPAN 101-102. Continued development of speaking, listening, reading, and writing skills. Course includes discussion of films and readings as well as grammar review and writing practice.

211-212. SPANISH CONVERSATION LAB 1,1
 Prerequisites: SPAN 101-102 or consent of the instructor. Normally requires concurrent enrollment in SPAN 201-202. Intensive conversational practice in a very small group, involving discussion of Hispanic customs and the development of situational vocabulary. Offered every semester.

305. ADVANCED SPANISH GRAMMAR AND CONVERSATION 3
 Prerequisites: SPAN 201-202 or consent of instructor. Refinement of students' command of Spanish through readings, debates, oral presentations, creative performances, and grammar review. Alternate years.

306. SPANISH FOR HEALTH 3
 Prerequisites: Span 202 or permission of the instructor. This course is focused on the development of oral and written Spanish language skills with special attention given to medical contexts and situations. While concentrating on language skills, the course will also include discussions of cultural diversity and how culture-specific beliefs and practices affect health and health care.

307. ADVANCED SPANISH COMPOSITION 3
 Prerequisites: SPAN 201-202 or consent of instructor. Analysis of a variety of fiction and non-fiction forms and styles along with intensive practice writing in Spanish. Class is conducted in a workshop format and is strongly recommended for students who plan to take upper-level literature courses. Alternate years.

308. LATIN AMERICA CINEMA 3
 Prerequisites: SPAN 202 or permission of instructor. A survey of contemporary Latin American films with special focus on how these films represent social problems and realities. Each film centers on a particular problem such as racism, gender discrimination, poverty, crime, or political oppression. Some attention will be given to analysis of cinematic techniques and critical approaches to the study of Latin American cinema.

311-312. SPANISH CONVERSATION LAB 1,1
 Prerequisites: SPAN 201-202 or consent of the instructor. Intensive conversational practice, involving discussion of Hispanic customs, and will stress the development of situational vocabulary. Offered every semester.

315. LATIN AMERICAN LITERATURE 1900 - PRESENT 3
 Prerequisites: Span 202 or consent of the instructor. Selections from contemporary Latin American prose, poetry, and drama. Themes include the relationship between art and politics and the negotiation of national and gender identity in the face of modernization, urbanization, dictatorship, and revolution. Alternate years.

- 316. LATIN AMERICAN SHORT STORY: STUDIES OF REPRESENTATION** 3
Prerequisites: SPAN 202 or permission of the instructor. This course will expose students to the richness of the Spanish-American short story and will include study of realist, gothic and fantastic modes of representation. Every third year.
- 317. INTRODUCTION TO LATIN AMERICAN LITERATURE AND CULTURE IN A REGIONAL CONTEXT**..... 3
Prerequisite: SPAN 202. This course introduces students to the cultural production of a particular region or country. Possible regions include Spain, Cuba, Argentina-Uruguay, and Central America. Special emphasis will be on literature. However, the course will also study art, music, dance, and film from a particular region. Every third year.
- 318. GOLDEN AGE SPAIN**..... 3
Prerequisites: SPAN 201-202 or consent of instructor. A study of sixteenth- and seventeenth century Spanish literature with emphasis on Cervantes' Don Quijote. Conducted in Spanish. Alternate years.
- 395,396. SELECTED TOPICS**..... 3,3
Prerequisites: SPAN 201-202, or consent of the instructor. Study in some area of Spanish or Spanish-American culture not covered elsewhere. Individual topics may not be repeated for credit. Offered on demand.
- 491-493. INDEPENDENT STUDY**..... 1-3
Prerequisites: Two courses above 202 and permission of the instructor. Study in a field of Hispanic literature, language, or civilization appropriate to the student's preparation and interests. Individual topics may not be repeated for credit.

Gender Studies Minor (GEN)

Professor: Wolkomir, *Advisor*

Minor Requirements

Twenty to twenty-four hours of coursework as follows:

1. Required Courses (six eight hours):
 - SOC 202 Sociology of the Family
 - SOC 354 Sex & Gender in Society
2. Electives (at least twelve hours) chosen from the following courses:
 - BIOL 403W Animal Behavior
 - ECON 324 Labor Economics
 - ENGL 301 (when gender related topic approved by the Gender Studies advisor)
 - HIST 334 Readings in European Women's History
 - PHIL 202 Ethics
 - PSC 208 Intro to Law
 - PSC 356 The Politics of Constitutional Rights and Liberties
 - REL 332 Gender and Family in Early Christianity
 - REL 415 Women and Religion

Students may use up to six hours credit from their majors toward the Gender Studies minor. Students are also strongly encouraged to take courses in at least three academic disciplines. Up to six hours of coursework in any department may be added from outside this elective list, subject to the approval of a Gender Studies advisor. Such additions might include internships, modules or special topics courses whose subject matter includes a strong focus on gender issues. Courses may also be approved in cases where a student is completing a significant project on gender issues within a course that is not on the elective list. Additionally, a student may include up to three hours of Independent Study in any department, subject to the approval of a Gender Studies advisor, for research and work on some aspect of gender studies.

- 395. SPECIAL TOPICS IN GENDER STUDIES**..... 3
Prerequisite: permission of program advisor. A specialized study of an area within gender studies not normally covered in regular sociology, English, or other gender studies courses. On demand.
- 463. RESEARCH IN GENDER STUDIES** 3
Prerequisite: permission of program advisor and submission of acceptable proposal. Guided independent investigation of an original problem or issue within gender studies. Written report or oral presentation will be required where appropriate. On demand.

General Education (GED)

201. LIBRARY READINGS	1
Prerequisite: Permission of librarian/tutor. Student-initiated, non-disciplinary. Students will propose to a professional librarian a list of books they “need” to read that reflects their interests and program. Students will meet with tutors weekly to discuss the readings. The students will write a critical summary essay about the books and the benefits of the course. May be repeated once for credit (pass/fail). On demand.	
291, 292. TOPICS IN CREATIVE ARTS AND LETTERS	1-4
An introduction to a topic in the humanities that is not featured in the regular curricula of individual departments. Prerequisite: Permission of instructor.	
300. STUDY ABROAD (CREDIT EVALUATED)	0
Centenary-approved enrollment in courses pursued abroad. Credit will be assigned on an individual basis to the appropriate department based on an evaluation of the student's completed course work.	
400. GENERAL EDUCATION INTERNSHIP	1-3
Applied experience in a discipline when the student's area of interest is not covered by an existing departmental course. Students must sign the Centenary College Internship Agreement provided by the Career Center. Participants must have a supervising faculty member with knowledge in the area of the internship. An outline or syllabus of work to be done during the internship must be submitted to the Course Review and Petitions Committee for its approval. This syllabus should contain the signature of the faculty supervisor, who must grade all work produced by the student.	
451. COLLEGE INTERNSHIPS	1-3
Designed to enhance the student's theoretical and practical knowledge through first-hand experience. For students not eligible to participate in departmental internships. Requirements for departmental internships should be standardized so that each hour of academic credit requires 40 clock hours of service in the internship.	
473. SENIOR SEMINAR	3
Liberal Arts majors and Interdisciplinary majors may elect to take a senior seminar in one of the major departments they have specified in their program. For Liberal Arts majors and Interdisciplinary majors who do not choose to participate in a departmental senior seminar, an interdisciplinary study may be developed, in consultation with the Centenary Professor of Liberal Arts, to meet individual needs and interests of students. The student will specify choice of option for senior seminar when submitting a degree plan, in consultation with a faculty committee representing the student's major departments. On demand.	
491-493 INDEPENDENT STUDY	1-3
A summary project taken as an independent study and supervised by the sponsoring advisor that integrates the various aspects of the major.	

Geology (GLG)

Associate Professor Bieler, *Chair*
Professors Emeriti: Barrett, Shaw

Professor: Vetter

Introductory courses offered by the Geology Department are designed to broaden the student's knowledge and understanding about the earth and to develop an appreciation for our environment. The materials that make up the earth and the processes that control theirgenesis and deformation form the basis of the first course in geology. In the other courses, these modern processes are used as models for understanding the history of the earth and various environmental issues.

At the advanced level, the department offers areas of study for both the prospective professional and the individual interested in geology but not intending to make it a career. The student interested in geology as a career should obtain the B.S. degree in geology. This course of study provides the fundamentals of earth science and supporting sciences necessary for successful graduate study or for employment as an entry level geologist. Students who wish to terminate their education at the bachelor's level may find employment with an oil or mining company, an environmental firm, or a government agency. Qualified students are directed toward further study in a graduate program. It should be noted that the master's degree is usually obtained by those people who desire to be professional geologists and that a strong background in supporting sciences is increasingly desirable. The B.A. degree in geology is designed for students desiring a firm foundation in geology and liberal arts. The major is excellent preparation for someone who is interested in the business aspects of the petroleum industry or environmental management and is good preparation for some specialties in law.

Major Requirements for the B.S. Degree

In addition to the courses meeting the requirements of the college, a candidate for the B.S. degree with a major in Geology must take:

1. Thirty-two semester hours in Geology including 101, 202, 301, 302, 321, 332W, 357S, 900.
2. Supportive courses as follows (32 hours):

- a. CHEM 121/123
- b. PHYS 104/114
- c. 2 additional courses in Biology, Chemistry, or Physics including laboratory. Please note that most geology graduate programs will expect the student to present one year of chemistry and one year of physics. Programs in geophysics or paleontology might be more flexible.
- d. MATH 115 and 201 as the B.S. math requirement

Major Requirements for the B.A. Degree

In addition to the courses meeting the requirements of the college, a candidate for the B.A. degree with a major in Geology must take:

1. Thirty semester hours in Geology including 101, 202, 301, 317, 321, 332W, 357S, 900
2. Supportive courses:
 - a. One chemistry class including laboratory
 - b. Students are advised that knowledge of basic trigonometry is required for some 300-level classes
 - c. Advisers will help students select appropriate electives to support their proposed career choice

Students completing the B.A. degree in Geology are strongly encouraged to complete a minor in another discipline.

Departmental Honors in Geology

Candidates for departmental honors must apply to the department chairman by the beginning of the second semester of the junior year. Honors candidates must complete GLG 497 in addition to the above listed requirements; the results of the research will also be presented before a colloquium of Geology faculty and students.

Minor Requirements

Students electing to minor in geology must take twenty (20) hours in geology including GLG 101 and 202/212. At least six (6) hours must be at the 300-level or higher. The program for the minor must be approved by an adviser in the department.

GLG 101 or permission of the instructor is required to enroll in all geology courses numbered 300 and above except for 317 and 442.

- 101. THE DYNAMIC EARTH** 4
 A study of the materials that make up the earth and the physical processes that are produce the earth's characteristic physical features, especially plate tectonics as a paradigm, rock forming processes, and the role these play in local geology. Laboratory work includes practical studies of minerals, rocks, and the interpretation of geologic phenomena from maps and other data. (3-3). Offered every semester. (For transfer purposes considered equivalent to Physical Geology)
- 103. ATMOSPHERE, CLIMATE, AND THE EARTH'S SURFACE** 4
 A study of the physical environment at and near the earth's surface including the atmosphere, oceans, and landforms. The course emphasizes the relationships between processes and spatial distributions. Laboratory work includes practical studies of climatic data and weather maps, topographic maps and landforms, built around understanding our local watersheds. (3-3). Every Fall. (For transfer purposes considered equivalent to Physical Geography)
- 202. EARTH HISTORY**..... 4
 Prerequisite: GLG 101. The study of the history of the earth's crust, including an introduction to the history of life as shown by the fossil record. Laboratory includes practical studies of sedimentary rocks and their depositional environments, fossils, and the use of geologic maps to interpret the geologic history of North America. (3-3). Very Spring.
- 208. INTRODUCTION TO OCEANOGRAPHY** 4
 Introduction to oceanography including study of the ocean's geological, physical, chemical, and biological processes, such as seafloor spreading, composition of seawater, currents, waves and tides, life in the sea, and ocean pollution and marine policy/management. (3-3). Spring of even years.
- 290. INTERDISCIPLINARY STUDIES**..... 3-4
 This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit.
- 295, 296. SELECTED TOPICS**..... 1-4
 Prerequisite: Permission of Instructor: A detailed study of an area of geology not normally covered in regular geology courses at a second year level. The course may examine the connections between a field of geology and other disciplines, such as business or economics, or historical and geographical dimensions of resource use.
- 301. MINERALOGY** 4
 A study of the common minerals of the earth's crust, their physical properties and identification, and the environments in which they form. Laboratory work focuses on determinative mineralogy, optical properties of minerals, and the use of the petrographic microscope. (3-3) Fall of even years.

302. PETROLOGY	4
Prerequisite: GLG 301. A study of the character, occurrence, and genesis of igneous and metamorphic rocks. Laboratory work focuses on hand specimen and thin section description. (3-3) Spring of odd years.	
317. PRINCIPLES OF GIS	3
An introduction to the display and analysis of data using computer mapping software. Students will learn to use a standard GIS to examine problems such as location selection, demographic change, land use, and environmental planning. Spring of odd years.	
318. GIS APPLICATIONS	1
Prerequisite GLG 317. An independent research project using GIS skills developed in GLG 317.	
319. FIELD GEOLOGY	3-6
Prerequisites: GLG 101, 202, 301, 321, 322, or approval of instructor. A six-week course in field methods, geologic mapping, and preparation of geologic reports. The work will include preparation of geologic maps, cross-sections, columnar sections, and structural studies in an area encompassing igneous, sedimentary, and metamorphic rocks. Summers only. Recommended for all geology majors seeking a B.S. degree.	
321. SEDIMENTARY GEOLOGY	4
The study of sedimentary rock origins and classification; principles of sedimentology and stratigraphy applied to the interpretation of the sedimentary rock record. Laboratory work includes description of sedimentary rocks, section measurement in the field, use of field and subsurface data to develop maps, cross sections, and environmental interpretations. (3-3) Fall of odd years.	
332W. STRUCTURAL GEOLOGY	4
The description and occurrence of geologic structures. The laboratory emphasizes structural geometries and subsurface projections. (3-3) Spring of even years.	
357S. CURRENT TOPICS IN GEOLOGY	2
Prerequisite: One 300 level geology course (may also be concurrent). An introduction to the professional literature in the earth sciences. Students will present summaries of articles in both written and oral forms. Every Spring.	
395,396. SELECTED TOPICS	1-4
A detailed study of an area of geology not normally offered in the regular geology curriculum. This course may be repeated for credit for different topics.	
400. INTERNSHIP IN GEOLOGY	1-3
Geology majors can earn credit for on-the-job training with approved environmental, geospatial, and energy-related companies. A student must complete 40 hours of work for each credit hour earned (up to a maximum of three credit hours). The student will submit a written report about the work to the department, and the supervisor of the work will provide an assessment.	
401. GEOLOGY OF NATURAL RESOURCES	3
A study of the classification, characteristics, distribution, and genesis of ore minerals and fossil fuels.	
415. APPLIED GEOPHYSICS	4
Prerequisites: MATH 201 and PHYS 105. Application of principles of physics to ascertaining shapes and distribution of rock bodies in the earth's crust. Seismic, gravity, magnetic and electrical techniques will be studied through a combination of lecture and data set interpretation. Includes one regional interpretation exercise and development of a proposal for a local geophysical study. Alternates with 442 in fall of even years.	
442. HYDROLOGY	3
Prerequisites: Junior standing. The occurrence and movement of water at and near the earth's surface. Topics include hydrologic budgets, subsurface flow, and an introduction to modeling watersheds. Alternates with 415 in fall of even years.	
491-496. INDEPENDENT STUDY	1-6
Prerequisite: Consent of instructor. In-depth studies of those aspects of geology not normally covered in existing courses. Offered on demand. 493-496 will satisfy college requirements for a "W" course.	
497. SENIOR HONORS PROJECT	3
Independent research and preparation of a paper addressing the context, methods, and results of the research. Research for this project will generally have been initiated during registration in GEOL 493.	
900. SENIOR ASSESSMENT	0
Geology majors must undergo an assessment prior to graduation. (CR/NC)	
199. MODULE STUDIES	3
Special topics offered during the Module.	

Health and Exercise Science

Professors Emeriti: Bedard, Farrar, LeFevers

Exercise Science (EXSC)

- 201. LIFE-TIME SPORTS**..... 1-1
Aerobic Conditioning, Badminton, Bowling, Fencing, Golf for Business & Life, Outdoor Adventure Activities, Racquetball, Self-defense, Softball, Swimming, Tennis, Volleyball, and Weight Training. (P/D/F)
- 202. INTERMEDIATE FENCING** 1-1
Prerequisite: EXSC 201. An advanced version of EXSC 201, Fencing, for those who have completed the introductory course. Spring. (P/D/F)
- 324. KINESIOLOGY** 3
Prerequisites: EXSC 301-302. A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological actions of joints and muscles. Spring.
- 325. PHYSIOLOGY OF EXERCISE** 4
Prerequisites: EXSC 301-302 or permission of instructor. A study of the physiological effects of physical activity on the body systems. Emphasis is placed on the physiological response of the muscular, cardiovascular, and respiratory systems to physical exercise. Fall.
- 326. MOTOR CONTROL** 3
A basic presentation of neuron function, as well as neural structures and pathways which underlie the acquisition and control of motor behaviors, and how neural alterations mediate changes in motor behavior, specifically in human function and performance. Spring.
- 391. INTERMEDIATE GOLF: PLAY GOLF AMERICA**..... 1
Prerequisite: EXSC 201. An advanced version of EXSC 201, Golf for Business and Life for those who have completed the introductory course. Open to juniors and seniors only. Spring. (P/D/F)
- 400. INTERNSHIP IN EXERCISE SCIENCE** 1-4
Prerequisite: Health and Exercise Science major and consent of the advisor. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of health and exercise science principles by first-hand experience in various public and private agencies. Requirements include 40 hours of work per credit, a daily log, final written paper and supervisor's evaluation. Yearly.
- 900. SENIOR ASSESSMENT** CR/NC
A professional portfolio is required and used as an assessment technique to show evidence of meeting the Health & Exercise Science/Health & Physical Education competencies. Majors must turn in their completed portfolio to their advisor the semester before their scheduled graduation date. Students will either receive a CREDIT or NO-CREDIT in the EXSC 900 course, based on the effectiveness of the portfolio.

Health (HLTH)

- 103. LIFETIME FITNESS & WELLNESS** 3
An introduction to the essentials of lifelong physical fitness and wellness. The student will be empowered, through motivational and behavior-changing strategies, to make positive physical, mental, emotional, and social lifestyle changes. Topics include principles of physical fitness and nutrition, stress management, substance use and abuse, chronic diseases, and environmental health. Yearly.

History and Political Science

Professor Shepherd, *Chair*

Assistant Professors: Fulwider, Murphy, Parker

Professors Emeriti: Grunes, Hancock

The courses offered by the Department of History and Political Science are designed to make an essential contribution to a liberal education by providing the general student with a comprehensive and integrated knowledge of history; to provide the training necessary for more advanced study in history and political science; and to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, education, and business.

History (HIST)

Major Requirements

1. A candidate for the B.A. in History must complete thirty (30) semester hours in history, including 102, 103, 205, 206, and 473.
2. Of these thirty semester hours, fifteen (15) must be in courses numbered 300 and above. At least one 300-level course must be in U.S. history and at least one 300-level course must be in a subject outside U.S. history.
3. Supportive courses required are nine (9) semester hours in political science; majors are also expected to complete the intermediate level of a foreign language approved by the department.

Departmental Honors

To be admitted to the Departmental Honors Program, a student must meet the general college requirements for honors programs. An honors student will follow a course of study consisting of a minimum of six semester hours of independent study in addition to the Seminar in History or the Seminar in Political Science (depending on major). An honors student will complete a written and/or an oral presentation to demonstrate mastery of the discipline of history or the discipline of political science.

Minor Requirements

For a minor in History, students must complete 18 hours of History courses which must meet the following requirements:

1. At least 9 hours of course work in HIST 102, 103, 205, 206.
2. At least 6 hours of courses numbered 300 or above.
3. At least 6 hours of U.S. history courses and at least 6 hours of other history courses.

Certification to Teach)

The Department of Education at Centenary offers an alternative certification program leading to the M.A.T. preparing students to teach in an elementary or secondary school. Students who receive a baccalaureate degree from Centenary and have a career GPA of 2.5 or higher are eligible to apply to these programs. Undergraduate seniors in their final semester at Centenary College may, with permission of the Provost and the Chairperson of the Department of Education, be admitted to the graduate program and may enroll in a maximum of six (6) hours of graduate coursework. For additional information, please contact the Department of Education or visit the Department's website centenary.edu/education to obtain a Department of Education Graduate Catalogue.

102. WESTERN HERITAGE 1300-1789..... 3

This course begins with the late medieval transition to the Reformation era. It then concentrates on the sixteenth and seventeenth centuries, which witnessed the division of the unified Western church into numerous denominations, wars of religion, rise of centralized monarchies, early expressions of religious toleration, and the age of reason. Europe's colonial and commercial expansion in this era led to global conflict, development of capitalism, and the early phase of the industrial revolution. The course then views how the French Revolution brought down absolute monarchy. Offered in the fall.

103. WESTERN HERITAGE SINCE 1789..... 3

The course begins with a survey of the era of the French Revolution and Napoleonic wars and moves to the Vienna settlement, which gave Europe a "generation of peace." The nineteenth century was the period during which western nations industrialized, competed for empire, and struggled internally with a rising middle class and then a rising working class. Western culture was shaken by interpretations of life and society inspired by the work of Karl Marx and Charles Darwin. In the last quarter of the century, Germany was becoming the powerful and aggressive nation which would disrupt the twentieth century. World War I, the Bolshevik revolution in Russia, western economic collapse, World War II, the introduction of nuclear power, the multiplication of communist governments, and superpower arms race are important themes of the twentieth century. Offered in the spring.

- 205. HISTORY OF THE U.S. TO 1877**..... 3
A survey of the major developments in the history of the United States from colonial times to 1877. Yearly.
- 206. HISTORY OF THE U.S. FROM 1877**..... 3
A survey of the major developments in the history of the United States from 1877 to present. Yearly.
- 207. HISTORY OF LOUISIANA**..... 3
A survey of the history under France, Spain, and the United States. Alternate years.
- 301. ANCIENT AND MEDIEVAL EUROPE**..... 3
The course begins with a brief survey of ancient Near Eastern cultures, kingdoms, and empires, including the Hebrews. It then turns to ancient Greece, especially Athens and Sparta to view the evolution of those city-states. After a survey of the expansion of Rome from agricultural villages to the master of the Mediterranean world, the course concentrates on developments in western Europe in the wake of Roman collapse there. The course views some key medieval movements and institutions, such as manorialism, feudalism, monasticism, the papacy, urbanization, and universities. The course ends with a survey of the Italian Renaissance and the transition from medieval to early modern Europe. (On demand)
- 302. ENVIRONMENTAL HISTORY OF THE UNITED STATES**..... 3
This course explores how Americans have viewed and affected the natural and man-made environments of this country. Examining changes from the colonial period to the present, the course emphasizes the conversation and environmental movements of the twentieth-century.
- 303. NINETEENTH-CENTURY EUROPE**..... 3
Prerequisite: HIST 103 or consent of instructor. The 19th-Century was a pivotal time, as people first began to adopt many of the practices and attitudes that have since become “common sense.” The course will draw students’ attention to the trends and individuals responsible for creating aspects of the modern world. In line with the objectives for the humanity core courses, students will study the various intellectual, artistic, and cultural movements that responded to change and, in turn, helped to create further change. Alternate years beginning Fall 2007.
- 305. RENAISSANCE AND REFORMATION EUROPE**..... 3
A study of the political, social, and cultural effects of the Medieval Church, the Italian Renaissance, the Protestant Reformation, and the Counter-Reformation, ending with the rise of Absolutism and its implications for Europe after 1650.
- 306. THE AGE OF ENLIGHTENMENT AND REVOLUTIONS**..... 3
A study of the political, social, and cultural effects of the Wars of Religion, the Scientific Revolution, the Age of Absolutism, the Enlightenment, and the events leading to the French revolution in 1789.
- 308W. HISTORY OF ENGLAND AND GREAT BRITAIN, 1688-2000**..... 3
A general survey of the history of England and the British Empire to the present time. Alternate years.
- 309. SOCIAL AND POLITICAL PHILOSOPHY**..... 4
A topically-driven application of the major normative social and political theories. Possible topics include punishment, human rights, just wars, property, and immigration. Course, but not individual topics, may be repeated. Every fall. (Same as PHIL 309)
- 312. TWENTIETH-CENTURY UNITED STATES**..... 3
The social, economic, and political development of the United States in its role as major world power in the twentieth century. Spring of alternate years.
- 321,322W. AMERICAN SOCIAL AND INTELLECTUAL HISTORY**..... 3,3
The evolution of American social institutions and cultural life from the colonial period to the present. The course will focus on the development of various types of American communities and will emphasize changes in American families, religious, and ethnic groups, business and educational organizations, and social structure. Fall of even years; spring of odd years.
- 325. HISTORY OF THE ANTE-BELLUM SOUTH**..... 3
An examination of the South from colonial days through the Civil War with emphasis on the institution of slavery, agriculture, society, and the development of sectionalism. Fall of odd years.
- 326S. HISTORY OF THE MODERN SOUTH**..... 3
A study of the South from Reconstruction to the present, with emphasis on politics, economics, culture, and race relations. Spring of even years.
- 333. TWENTIETH-CENTURY EUROPE**..... 3
Prerequisite: HIST 103 or consent of the instructor. A study of the principal developments of the past century of European history. Themes include the Russian Revolution, the two world wars, the Cold War, the development of modernism and postmodernism, and Europe’s relationship with the rest of the world.
- 334W. READINGS IN EUROPEAN WOMEN’S HISTORY**..... 3
Prerequisite: HIST 102, 103, or consent of the instructor. This course will focus on the principal theories and approaches since the 1970s that have shaped the study of women in history, with a focus on how these contributions apply to European history from medieval to modern times. It will question whether the experiences of women in history were fundamentally different from those of men, and explore the ways in which traditional political, economic, and social histories include, enhance, distort, or neglect the lives of women.

335. COMPARATIVE REVOLUTIONS 3
 Prerequisite: HIST 101, 102 or 103, or consent of instructor. This course will examine revolutions from the eighteenth to twentieth centuries. Our study includes (but is not limited to) the French Revolution of 1789 and revolutionary events in Russia, China, and Iran in the twentieth century. It will compare and contrast the origins, institutions, and effects of the revolutions considered. It will also analyze the historiography of revolutions, i.e., the differing social, political, intellectual, and cultural interpretations of revolutionary activity.

340. TERRORISM IN THE MODERN WEST..... 3
 Prerequisites: HIST 102 or HIST 103. This course will take a chronological view of the history of terrorism in modern Europe, the Americas, and in areas affected by European decolonization beginning with the American War of Independence and ending with the recent attacks by terrorist groups in America and Europe. Various terrorist ideologies and concepts will be examined, including revolutionary terrorism, nationalism, anarchism, totalitarianism, and anti-globalization, through both primary and secondary sources, including films and novels. Students who successfully complete the course should gain a more nuanced understanding of the changing role of terrorism in the history of the modern world.

395,396. SELECTED TOPICS..... 3,3
 Prerequisite: Consent of the instructor. A detailed study of areas of history not normally covered in regular history courses. Offered on demand.

400. INTERNSHIP..... 1-3
 Prerequisite: Junior standing and approval of departmental faculty. This course will consist of supervised internship with an approved employer and might include such professional projects as engaging in research and writing, creating historical bibliographies, and providing archival of museum services. Offered on demand.

473. SEMINAR IN HISTORY 3
 Prerequisite: Consent of the instructor. The study of historical and political issues and problems in a selected period of history. Members of the class will do extensive reading and research on various aspects of the period selected and will use the research methods best suited to the particular project. Yearly.

491-496. INDEPENDENT STUDY..... 1-6
 Students taking History Honors will earn credit with Honors in this course through concentrated study of selected topics. Other students with particular historical interests which cannot be satisfied in regularly listed courses may register for directed study in areas such as Progressivism, Modern India, Society in the 1920's, American Foreign Policy, the Industrial Revolution in England, and others, subject to faculty approval. May be repeated for credit with different topics. Permission of the department is required. Yearly.

199. MODULE STUDIES 3
 Special topics offered during the Module.

Political Science (PSC)

Major Requirements

A candidate for the B.A. in Political Science must complete:

1. Thirty-three hours in the major, including 102, 110, 208, 258, twelve semester hours at the 300 level or above, and 473. Of the twelve semester hours at the 300 level or above at least three hours must be in the fields of American Government or Public Law, and three hours in Comparative Politics or International Politics.
2. Supportive courses required are nine (9) hours of history; majors are also expected to complete the intermediate level in a foreign language approved by the department.

A student may be admitted to the Department's Honors Program if he or she has attained junior standing and meets the other requirements. For details see above.

Minor Requirements

For a minor in Political Science, a student:

1. Must complete twenty-one semester hours in the minor including 102, 110, and nine semester hours at the 300 level or above.

PSC 110 or 111 is recommended for all courses numbered 300 and above in the areas of Comparative Government and Politics and International Politics; PSC 102 or 103 is recommended for all courses numbered 300 or above in the areas of American Government and Politics and Public Law and Political Theory.

102. AMERICAN POLITICS 3
 An introductory course in American national politics. Attention given to the nature of politics-, democratic theory; constitutional foundations; federalism; public opinion; pressure groups; political parties; elections; the media; and the roles of Congress, president, bureaucracy, and federal judiciary in the policy-making process..

103. CONTEMPORARY ISSUES IN PUBLIC POLICY 3
 An analysis of selected national issues in public policy; their origin, development, and impact. Emphasis on the policy-making process. Topics may include energy, environmental protection, agriculture, criminal justice, taxing and spending, education, health, welfare, and foreign policy. Yearly.

110. INTRODUCTION TO COMPARATIVE POLITICS.....	3
An introduction to comparative political analysis with application of concepts and theories to selected democratic and authoritarian countries worldwide. Topics include formal institutional structures, representation and participation, public policy, ethnic politics, and political culture. Yearly Fall Semester.	
111. GLOBAL POLITICS	3
An introduction to the political, economic, and security issues that have influenced the development of the international system since 1945. Yearly.	
208. INTRODUCTION TO LAW.....	3
Co-requisite: CA 250. An interdisciplinary examination of the nature and functions of law; feminist and critical race perspectives; the process of legal development; law enforcement; the roles of lawyers and juries; criminal and civil justice; court procedures; conflict resolution, and law in cyberspace. Special attention given to the techniques of legal research and the use of legal data bases. This course satisfies the Career component of Trek.	
258. POLITICAL ANALYSIS.....	3
Prerequisite: PSC 102 or 110. An examination of the major analytical approaches used in the study of political behavior. Yearly.	
300. WASHINGTON SEMESTER PROGRAM	
See page 149 for description.	
304. STATISTICS FOR BEHAVIORAL SCIENCE.....	3
Prerequisite: MATH 104 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation and regression, t-test, and simple analysis of variance. The laboratory will reinforce lecture material and provide practical experience with the statistical techniques using computer applications. Yearly. (Same as PSY 304 and SOC 304)	
310. U.S. FOREIGN POLICY	3
A survey of U.S. Foreign policy since 1945 emphasizing the influence of domestic factors on the country's foreign policy. Fall of odd years.	
311. INTERNATIONAL CONFLICT AND CONCILIATION	3
Prerequisite: PSC 111 or consent of Instructor. An examination of the delicate balance between peace and war and between conflict and cooperation. Covered are patterns and trends in international conflict, causes of war, terrorism, nonviolent conflict, and approaches to conflict resolution and prevention. Includes simulations of crisis management and conciliation.	
324S. INTERNATIONAL LAW AND ORGANIZATIONS.....	3
Prerequisites: PSC 111 or consent of instructor. An introduction to the basic principles of public international law in such areas as the rules of war, the law of the seas, and human rights; and a survey of the related functions of the United Nations. Fall of even years.	
325. POLITICS OF THE EUROPEAN UNION	3
Prerequisite: PSC 110 or PSC111 or consent of instructor. An exploration of the evolution and continuing development of the European Union. The course provides a foundation in theoretical approaches to regional integration as well as its practical effects. Topics include theories of integration, the European Union's institutional structure, programs and policies, foreign policy, and its role in the world. Fall semester of odd years starting with Fall 2009.	
327. POLITICAL DEVELOPMENT.....	3
An examination of the nature and sequence of political development. Topics include political, social, and economic components such as modernization, dependency, national integration, ethnic politics, political violence (mass and elite), corruption, human rights, and democratization.	
328. COMPARATIVE POLITICAL INSTITUTIONS	3
An examination of the key political institutions used in democratic systems and the ways in which they interact to influence political and social stability. Topics include party systems, electoral systems, legislatures, and executives.	
329W. COMPARATIVE DEMOCRATIZATION	3
An examination of the process of democratization. Topics include inquiry into the meaning of democracy, its component parts, factors that facilitate and hinder it, transition from authoritarianism to democracy, and the social and institutional challenges faced by nascent democracies.	
335W. PRESIDENCY, CONGRESS, AND PUBLIC POLICY.....	3
An examination of the presidency in the American political system, the relationship of the president and Congress, and the interactions between the president and legislature in making public policy. Spring of even years.	
336W. JUDICIAL PROCESS AND BEHAVIOR.....	3
The organization, jurisdiction, and functions of the U.S. federal court system. Special emphasis given to: the roles of the judiciary; the decision-making process; and the impact of judicial decisions. Spring of odd years.	
355S. CONSTITUTIONAL LAW AND AMERICAN POLITICS	3
American constitutional principles are examined through an analysis of Supreme Court decisions. The focus will be on judicial decision-making in the areas of judicial review, the separation of powers, federalism, and the economic system. Fall of odd years.	
356. THE POLITICS OF CONSTITUTIONAL RIGHTS AND LIBERTIES.....	3
The issues of American civil liberties and civil rights are examined within the framework of decisions of the Supreme Court. Attention given to the	

legal process as an instrument of social change in the areas of racial equality, women and the law, privacy, religious liberty, the rights of the accused, and freedom of expression. Spring of even years.

395,396. SELECTED TOPICS..... 3

Prerequisite: Consent of the instructor. A detailed study of an area of political science not normally covered in the regular political science courses. Offered on demand.

400. INTERNSHIP IN POLITICAL SCIENCE..... 1-3

Designed to provide an opportunity for the student to expand his theoretical knowledge and practical application of administrative principles by first-hand experience in various public agencies. May be repeated once for credit. Offered on demand.

473. SEMINAR IN POLITICAL SCIENCE..... 3

Prerequisite: Political science major or consent of department. The undertaking of an individual research project in which the student demonstrates their mastery of the discipline. Yearly.

491-496. INDEPENDENT STUDY..... 1-6

Students taking Political Science Honors are required to earn credit for honors in the course through concentrated study of selected topics. Other students with particular interests outside the regular course offerings of the department may register for directed study with permission of the department. May be repeated for credit with different topics. Yearly.

199. MODULE STUDIES..... 3

Special topics offered during the Module.



Mathematics (MATH)

Professor Thomas, *Chair*
 Assistant Professor: Goadrich

Associate Professors: Brandl, Schlatter
Professors Emeriti: Carleton, Spears

The Department of Mathematics aims to contribute to the student's liberal education by showing the role mathematics has played and is playing in the development of civilization and by giving him or her the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering and also to those in the social and behavioral sciences. The mathematics curriculum is so planned that a student majoring in the field may choose any one of a number of avenues to follow after graduation, including the teaching profession, industry, computational mathematics, actuarial work, or a combination of mathematics with other scientific training, as well as graduate work in mathematics. A description of the minor in Computer Science follows the course listings below.

High school mathematics through trigonometry and advanced math is the recommended background for incoming freshmen although the admission requirement is lower.

Major Requirements

B.S. – Concentration in Theoretical Mathematics

Total of forty (40) semester hours in mathematics courses:

1. Twenty hours of foundational courses: MATH 201, 203, 204, 303, 306
2. At least four hours of advanced theoretical mathematics: MATH 403 or 407
3. At least four hours of advanced applied mathematics: MATH 404 or 405
4. Four hours of seminar: MATH 470 each semester of Junior and Senior years
5. The major field test in mathematics: MATH 900
6. At least 8 additional hours in mathematics number 200 or higher
7. CSC 207
8. Supportive courses: PHYS 104, 114, 105, 115

B.S. – Concentration in Computational Mathematics

Total of forty-four (44) semester hours in mathematics and computer science

1. Sixteen hours of foundational mathematics courses: MATH 201, 204, 220, 303
2. Eight hours of foundational computer science courses: CSC 207, 234
3. Eight hours of mathematics and computer science that facilitate computations chosen from: MATH 203, MATH 305, MATH 310, MATH 311, CSC 277 (at least one course at the 300 level)
4. Eight hours in advanced computational applications chosen from: MATH 405, CSC 310, CSC 440, CSC 450
5. Four hours of seminar: MATH 470 each semester of Junior and Senior years
6. The major field test in mathematics: MATH 900
7. Supportive courses: PHIL 210, PHYS 104, 114, 105, 115

B.A. in Mathematics

Total of thirty-two (32) semester hours in mathematics courses:

1. Twenty hours of foundational courses: MATH 201, 203, 204, 303, 306
2. At least four hours of advanced mathematics chosen from: MATH 403, 404, 405, 407
3. Four hours of seminar: MATH 470 each semester of Junior and Senior years
4. The major field test in mathematics: MATH 900
5. At least 4 additional hours in mathematics number 200 or higher
6. CSC 207
7. Supportive courses: PHYS 104, 114, 105, 115

Minor Requirements

A minor in mathematics will consist of 24 hours of course work: Math 115, 201, 203, 303 plus 8 hours of mathematics courses with 4 of those hours at the 300 level, and the other 4 at the 400 level or above.

Departmental Honors in Mathematics

Students may be admitted to the Honors Program of the Mathematics Department if they have attained junior standing and meet the other requirements. For details consult the department chairperson.

Certification to Teach

The Department of Education at Centenary offers an alternative certification program leading to the M.A.T. preparing students to teach in an elementary or secondary school. Students who receive a baccalaureate degree from Centenary and have a career GPA of 2.5 or higher are eligible to apply to these programs. Undergraduate seniors in their final semester at Centenary College may, with permission of the Provost and the Chairperson of the Department of Education, be admitted to the graduate program and may enroll in a maximum of six (6) hours of graduate coursework. For additional information, please contact the Department of Education or visit the Department's website centenary.edu/education to obtain a Department of Education Graduate Catalogue.

- 102. MATHEMATICS AND THE VISUAL ARTS** 4
 A study of the mathematical aspects of the visual arts organized around the concept of dimension. Topics of study will include pointillism, parametric curves, analytical geometry, fractal curves and dimension, tiling and symmetry, the mathematics of perspective, polyhedra, and artistic representations of the fourth dimension. Spring of even years.
- 104. COLLEGE ALGEBRA**..... 4
 A study of elementary mathematical models using linear functions, exponential functions, and logarithms. Data analysis including the study of regression lines. (Students may not earn credit for MATH 104 after earning credit for MATH 107 or higher.) Offered each fall and alternate spring.
- 107. PRECALCULUS: A STUDY OF FUNCTIONS** 4
 A unified study of elementary functions in preparation for Calculus. Algebraic, exponential, logarithmic, and trigonometric functions and their applications. (Students may not earn credit for MATH 107 after earning credit for MATH 109 or higher.) Offered each semester.
- 109. CALCULUS FOR BUSINESS AND ECONOMICS**..... 4
 Prerequisite: MATH 107. (Students will not be allowed credit for both MATH 115 and MATH 109; further MATH 109 will not satisfy the prerequisite requirement for MATH 201.) An introduction to differential calculus; and application to business and economics. Offered each spring.
- 115. CALCULUS I** 4
 Functions: straight lines, exponential, logarithmic and trigonometric. Derivatives and their applications. Introduction to definite integrals. Offered each semester. (3-1)
- 201. CALCULUS II**..... 4
 Prerequisite: MATH 115. Integrals, definite and indefinite. Applications of the integral. Sequences and infinite series. Introduction to differential equations. Offered each spring. (3-1)
- 203. LINEAR ALGEBRA**..... 4
 Prerequisite: MATH 201. Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, applications. Offered each fall.
- 204. TRANSITION TO ADVANCED CONCEPTS**..... 4
 Prerequisite or corequisite: MATH 201. An examination of the introductory concepts which pervade most upper level mathematics courses with an emphasis on proving techniques. Topics include logic and proving, sets, functions, cardinality and the properties of integers. Offered each spring.
- 220. THEORY OF COMPUTATION**..... 4
 Prerequisite: CSC 207. Two main questions arise with computational problem solving: can a problem be solved at all, and if so, how efficiently? Topics include computability and complexity theory as related to Turing machines, finite state automata, regular and context-free grammars, and the complexity classes of P and NP. Fall of odd years.
- 303. MULTIVARIABLE CALCULUS**..... 4
 Prerequisite: MATH 201. Three-dimensional analytic geometry. Calculus of several variables. Multiple integration. Line and surface integrals. Every fall. (3-1)
- 304. FOUNDATIONS OF GEOMETRY**..... 4
 Prerequisite: Consent of the department. An advanced proof-based course covering the history and theory of Euclidean and Non-Euclidean Geometry. Topics may include: Axioms of Euclid and Hilbert, contributions of Pythagoras, Plato and Descartes, the parallel postulate, projective geometry, hyperbolic geometry. Fall of odd years.
- 305. MATHEMATICAL STATISTICS**..... 4
 Prerequisite: MATH 303. Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit. Offered in spring.
- 306. MODERN ALGEBRA**..... 4
 Prerequisites: MATH 203 and 204. A theoretical treatment of groups. Topics normally include: equivalence relations, permutations, symmetry groups, group homomorphisms and isomorphisms, Cayley's Theorem, cosets, Lagrange's Theorem, normal subgroups, factor groups and the isomorphism theorems. Additional topics may include group actions and an introduction to rings and fields. Fall of even years.
- 307. DIFFERENTIAL EQUATIONS** 4
 Prerequisite: MATH 303. Formulation of first and second order differential equations and interpretation of their solutions by qualitative, numerical, and analytical techniques, as well as their applications. Laplace transforms. Offered each spring.

310. DISCRETE MATHEMATICS	4
Prerequisite: MATH 201. An introduction to the mathematics of discrete objects. Topics include: combinatorics, recurrence relations and the analysis of algorithms, and an introduction to graph theory. Spring of even years.	
311. MATHEMATICAL MODELS	4
Prerequisite: MATH 303. Model Constructions and applications to the Social and Natural Sciences. Growth processes. Dimensional Analysis, linear optimization, stability, chains, networks. Spring of odd years.	
395,396. SELECTED TOPICS	4,4
Prerequisite: Consent of the instructor. A study of an area of mathematics not normally covered in the regular mathematics courses. Offered on demand.	
398. COLLOQUIUM, OAK RIDGE SEMESTER	1
Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident ACS faculty. (Same as CHEM 398/PHYS 398)	
399. RESEARCH, OAK RIDGE SEMESTER	1-6
Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as PHYS 399)	
400. INTERNSHIP IN MATHEMATICS	1-3
(For mathematics majors only—not included in the required nine courses for the major.) Credit is given for on-the-job training in certain vocational areas of mathematics.	
403. TOPOLOGY	4
Prerequisite: MATH 204. A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces. Spring of odd years.	
404. VECTOR ANALYSIS	4
Prerequisite: MATH 303. A basic course in vectors. Topics included vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature. Fall of even years.	
405. NUMERICAL ANALYSIS	4
Prerequisites: MATH 203, MATH 303, and CSC 207. Selected numerical methods dealing with the solution of algebraic and transcendental equations, finite differences and interpolation, integration, and differential equations. Fall of odd years.	
407. INTRODUCTORY REAL VARIABLE THEORY	4
Prerequisite: MATH 204. A proof-based study of the foundations of calculus. Topics include: sequences – monotone, convergent and Cauchy; limits and continuity; the derivative of a function; the Mean Value Theorem; the Riemann integral and the Fundamental Theorem of Calculus. Spring of even years.	
470. ADVANCED MATHEMATICS SEMINAR	1
Students will give and attend mathematics presentations. Offered each semester.	
491-496. INDEPENDENT STUDY IN MATHEMATICS	1-6
(Open to advanced students in mathematics with departmental approval.) One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.	
900. MAJOR FIELD TEST	0
Mathematics majors in all concentrations must pass the major field test in mathematics prior to graduation.	
199. MODULE STUDIES	3
Special topics offered during the Module.	

Computer Science Minor (CSC)

Computer science is the study of information and computation. The Department of Mathematics offers a minor in computer science focused on the central principles of problem solving and algorithms as they are applied to diverse fields such as bioinformatics, artificial intelligence, databases, security and computational mathematics. Courses in computer science will provide valuable programming experience relevant to many scientific endeavors, and the minor can be individually tailored to complement majors such as mathematics, biology, neuroscience, business, and economics.

It is recommended that students planning to minor in computer science take the introduction course CSC 207 in either the first or second year of their coursework. Those students interested in a computer science minor but with limited mathematical background are encouraged to first take CSC 107.

Requirements for a Minor in Computer Science

A minor in computer science consists of 20 credit hours of computer science and mathematics coursework. All computer science minors are required to take CSC 207 and CSC 234 and at least one course from CSC 310, CSC 440 or CSC 450. The remaining 8 credit hours must be selected from the following courses: MATH 220, CSC 277, MATH 310, CSC 310, CSC 440, CSC 450, CSC 400 (at least 4 credit hours), and MATH 405.

- 107. EXPLORATIONS IN AGENT-BASED MODELING..... 4**
This course explores how computers can be used to model complex phenomenon in the world through the simple behavior of agents and their interactions over time. Labs examine the mathematical properties that emerge from these agent interactions. Topics are drawn from a wide array of fields, including biology, ecology, sociology, economics, political science, mathematics, physics, and geology. (Students may not earn credit in CSC 107 after earning credit for CSC 207.) Spring of even years.
- 207. INTRODUCTION TO COMPUTER SCIENCE..... 4**
Prerequisite: CSC 107 or MATH 104 or higher, or permission of instructor. This course covers the principles of problem solving, programming and algorithm development through an interdisciplinary approach. Topics include mathematical functions, string manipulation, logic and control structures, file input/output, elementary data structures, and object-oriented programming. Every fall.
- 234. DATA STRUCTURES AND ALGORITHMS 4**
Prerequisite: CSC 207. This course studies different structures for storing and processing data implemented through object-oriented programming. These structures include stacks, queues, linked lists, graphs and trees. Also studied are techniques and algorithms for sorting, searching and simulation. Every spring.
- 277. BIOINFORMATICS 4**
Prerequisite: CSC 207. This course explores computational methods for analyzing and understanding the large quantities of information now available in the growing fields of genomics, proteomics and systems biology. It complements practical experience of current bioinformatics systems with a deep understanding of their algorithmic underpinnings. Topics include aligning pairwise and multiple sequences, constructing phylogenies, searching strings, modeling motifs, clustering microarray data, inferring regulatory networks, and modeling biological systems. Spring of odd years.
- 310. DATABASE MANAGEMENT 4**
Prerequisite: CSC 234. Real examples of database applications give students an opportunity to experience the entire database life cycle. Topics include the context, analysis, logical and physical design, and the implementation of a database management system. A database project will be required. This course satisfies the Community component of Trek. Every third year in the fall, starting 2012.
- 395,396. SELECTED TOPICS..... 4**
A study of an area of computer science not normally covered in the regular computer science courses. On demand.
- 400. INTERNSHIP IN COMPUTER SCIENCE..... 1-4**
Prerequisite: CSC 207. Credit is given for on-the-job training in certain vocational areas of computer science. This course satisfies the Career component of Trek. On demand.
- 440. ARTIFICIAL INTELLIGENCE..... 4**
Prerequisite: CSC 234. This course provides an introduction to artificial intelligence, with a particular focus on the empirical approach: how can we have a computer act rationally? Topics include both local and global search techniques for problem solving, game theory, automated logical reasoning, statistical machine learning, and complex adaptive systems. An in-depth research project will be required. Every third year in the fall, starting 2013.
- 450. CRYPTOLOGY AND SECURITY..... 4**
Prerequisite: CSC 234. This course investigates both classical and modern methods for information security. Topics include classical alphabetic encryption and decryption techniques, RSA, private and public key encryption, visual cryptography, and data privacy. An in-depth research project will be required. Every third year in the fall, starting 2014.
- 491-496. INDEPENDENT STUDIES IN COMPUTER SCIENCE..... 1-6**
(Open to advanced students in Computer Science with departmental approval). One hour conference per week. Library and research work pertinent to the area of study selected. A presentation of the work is required. On demand.

Hurley School Of Music

Professor Odom, *Dean of the School of Music*

Professor: English

Associate Professors: Gabriel, Smith

Collaborative Artist in Residence: Grosz

A.C. Cheesy Voran Chair of Music: Hobson

Professors Emeriti: W. Teague, Dean

Director Emeritus: Address

Lecturers: Brown, DeRousse, A. Gabriel, Haas, Horak, Hundemer, Maynard, D. Phillips, T. Phillips, Ratcliff, Scarlato, C. Teague, Vaska-Haas, Watson, Zale-Bridges

The mission of the Hurley School of Music is to provide the highest quality training and development of music students in the context of a liberal arts college. Embracing the college's liberal arts philosophy, the School of Music guides young musicians in either general studies in the BA in Music degree or more intensive programs of specialization through concentrations within the BA in Music degree. It provides opportunities for all segments of the college and the community to experience the art of music through class offerings, applied music study, ensemble participation and the presentation of concerts. The Hurley School of Music has been accredited by the National Association of Schools of Music since 1934.

Admission

In addition to meeting the admission requirements of Centenary College, students who wish to major in music must first pass an audition in their major performing medium to be admitted to the Hurley School of Music. Students who meet all admission requirements for the College, but fail to meet School of Music standards in their principle performing medium, will be allowed to register for MUS 140 (Applied Music for Non-Majors) until such time as they attain minimum applied music standards. They may then be admitted to the School of Music.

Transfer Students

Transfer students will be required to audition on their applied instrument or voice, and must also take placement examinations in music history and music theory to validate any transfer courses they have in those subjects.

Music Fees

See the "Special Fees" section in the Expenses section of the catalog for information on Music fees.

REQUIREMENTS FOR ALL MUSIC MAJORS

Proficiencies

All music students are required to be proficient in performance, music history and literature, music theory, sight-reading, and piano. Courses in the freshman year introduce students to each of these areas. Performance juries every semester test students on sight-reading and the background of any pieces they have studied that semester. At the end of the fourth semester of study, all music majors will be tested in performance, sight-reading, and piano skills before a full faculty panel. This is the Sophomore Assessment. At the end of the degree program, seniors are tested again in music history and literature, music theory, and sight-reading during MUS 900, Senior Assessment.

Ensembles

All full-time students pursuing a music degree must enroll in at least one ensemble for each semester in which they are at Centenary. Although the Hurley School of Music wishes to encourage enrollment in all of its music ensembles, students pursuing a music degree must enroll in particular ensembles, according to their primary applied area:

Keyboard majors must participate in Accompanying.

Instrumental majors must participate in Hurley Orchestra.

Voice majors must participate in a choral ensemble (MUS 153-154).

Students holding music scholarships are responsible for fulfilling ensemble requirements listed on their music scholarship contracts.

Recital Attendance and Participation

Music majors will enroll in MUS 001-002 each semester.

When enrolled in applied music lessons music students are required to perform at least once each semester in the area of their major applied instrument at the weekly Student Recital Hour (MUS 001-002).

DEGREE PROGRAM

Bachelor of Arts in Music

All Bachelor of Arts in Music students will complete the music core curriculum and 6 hours of electives. Students wishing to pursue a concentration within the BA will substitute the elective courses that comprise a particular area of concentration.

Music Core Curriculum

001-002	Recital Hour	0
107-108	Voice Lab (if a voice student)	2
143	Introduction to Music History and Literature.....	3
111-112, 121-122	Music Theory.....	8
211-212	Music Theory.....	4
312-322	Music Theory.....	4
345-346W	Music History	6
900	Senior Assessment	0
130-131	Piano Class	2
170-270	Applied Lessons in Piano, Organ, Voice, Orchestral Instruments, or Guitar.....	4
151-160	Ensembles (must enroll each semester and receive "CR").....	0
	TOTAL	31 (33 if a voice student)

Students pursuing the general BA in Music will then complete 6 hours of electives, chosen from the following:

Electives chosen from: 101 Introduction to Music Education, 105 Musical Explorations, 145 Math and Music Composition, 205-305 Music Technology I & II, 327-328 Choral Conducting, 335-336 Keyboard Pedagogy, 360, 460 Sacred Music, 401S Advanced Theoretical Concepts, 428 Advanced Conducting, and 449-450 Vocal Pedagogy. At least 3 hours of elective credit must be from courses numbering 300 or above.

Students pursuing a Concentration within the BA degree will instead pursue the following sequences of electives:

Concentration in Performance

Applied Lessons (380-480 series lessons)	4
472 Senior Recital	1
Electives: 449-450 or 335-336 Pedagogy; 401S Advanced Theoretical Concepts; 491 Independent Study; 443S Music Literature; or 327, 328 Conducting	7-8
	TOTAL OF 12 - 13

Concentration in Choral Music

101 Intro to Music Education.....	1
327-328, 428 Choral Conducting.....	6
337S, 339S, 340 Music Methods	6
	TOTAL OF 13

This concentration does not carry teacher certification. Upon completion of the BA in Music with a concentration in Choral Music, students will be encouraged to achieve certification in Centenary's MAT degree program.

Concentration in Sacred Music

360,460 Sacred Music.....	6
327-328 Choral Conducting.....	4
Elective: 443S Music Literature, 428 Advanced Conducting, Applied Organ Lessons, 315-316 Service Playing, or 400 Music Internship	2-3
	TOTAL OF 12-13

Concentration in Composition

145 Math and Music Composition	3
Applied Lessons (380-480 series lessons)	4
472 Senior Recital.....	1
Electives: 6 hours from 401S Advanced Theoretical Concepts.....	6
	TOTAL OF 14

Students wishing to take the 180-280 series of applied lessons may request permission from the music faculty.

Minor In Music

111-112, 121-122	Music Theory.....	8
130-131	Piano Class.....	2
143	Introduction to Music History and Literature.....	3
140	Applied Lessons.....	4
	Music Electives of 300 level or above.....	6
	TOTAL	23

Departmental Honors

To be considered for Departmental Honors in Music, students must meet the general College requirements for honors programs. In addition they must:

- Apply to the chair of the department during their junior year.
- Be a music major.
- Hold a 3.5 grade point in the major (3.25 overall).
- Earn two credit hours in Music 491-496: Independent Study. Candidates for Honors will complete a substantial scholarly or artistic project. The results of the project must be either published or presented in a forum such as the Student Research Forum, a professional conference, or a colloquium of Music faculty and students. Artistic presentations must include committee-approved research on the works performed. This work must be in addition to course work for MUS 471, Senior Seminar.

MUSIC (MUS)

001-002. RECITAL AND CONCERT ATTENDANCE 0-0

All music majors are required to register for this course every semester in which they are enrolled at Centenary.

101. INTRODUCTION TO MUSIC EDUCATION 1

An introduction to the history of music education, problems, issues, methodologies, requirements and duties of the music teacher in today's public schools. The course will encompass observation of area music teachers at various age levels and instill in the students the importance of participation in the professional organization, MENC, through the development of an active student chapter. This course will include 4 hours of field-based experience. Alternate years, spring. MEANINGFUL LIFE CHALLENGE CORE.

105 MUSICAL EXPLORATIONS 4

An exploration of a particular musical genre; included are film music, musical theater, spirituals and world music. The emphasis is on developing students' listening skills and knowledge of the musical elements that typify a particular genre. The course will help students connect the music to the history and culture that gave rise to it. FOUNDATIONAL CORE HUMANITIES.

107-108. VOICE LABORATORY 1-1

Survey of pronunciation of Italian, French, German, and English. International Phonetic Alphabet used. Required for all voice concentrations as part of the applied music major.

111-112. ELEMENTARY MUSIC THEORY 3-3

An integrated study of music theory and keyboard skills for first-year students. The class begins by teaching the basics of music notation and terminology; then it concludes with figured bass, harmonic analysis and four-part counterpoint. Computer software designed to aid in teaching and writing music will be explored. Fall.

121-122. ELEMENTARY MUSIC THEORY LABORATORY 1-1

A practicum of solfege and ear training to complement Elementary Music Theory 111-112. Fall.

130-131. PIANO CLASS 1-1

For non-keyboard music majors. This course will provide the student with mastery of basic functional piano skills including performance of simple repertoire, scales, triads, inversions, cadences, sight-reading, harmonization, and transposition. 3 contact hours.

133. WORKSHOP: MUSIC THEATRE 1

Prerequisites: MUS 139-140, or permission of instructor. Practical instruction in the performance of vocal musical theatre literature. Offered on demand. May be repeated for credit. PERFORMANCE CORE HUMANITIES.

139-140. VOICE CLASS 1-1

Fundamentals of voice production. For non-voice majors and for elective. (Offered for beginning levels only.)

143. INTRODUCTION TO MUSIC HISTORY AND LITERATURE 3

A general survey of the principal music styles and media. A study of musical elements, genres, forms, and styles. In addition to this study of the structural language of music, students will also explore how historical and social context influenced the musical expression of society. FOUNDATIONAL CORE HUMANITIES.

145. MATH AND MUSIC COMPOSITION 3

This course uses elements of the mathematical system of "set theory" to compose music. It is a non-historical approach to composing music,

teaching the association between musical symbols and set theory logic. Music is generated and analyzed from the systematic manipulation of numbers and symbols. It is a laboratory-style class including experimental procedures, experiment evaluation, data reduction, and sharing of results; experiments are taken from the application of "pitch-class" set theory to musical composition. Fall.

205. MUSIC TECHNOLOGY I 3

Prerequisites: First Year Music Theory MUS 111-112, MUS 121-122. Students will master multiple methods of inputting data to Finale music notation software; how to convert Finale files to numerous other formats; and the manipulation of tempo and dynamics for purposes of playback. Working with both live and MIDI sounds, students will engineer recordings in Aiff, WAV and mp3 formats. This course readies students for MUS 305 and the creation of a film score to be edited and synchronized to a student-created film. PERFORMANCE CORE HUMANITIES.

211 ADVANCED MUSIC THEORY 3-3

Prerequisites: MUS 111-112. A continuation of MUS 111-112 with emphasis on modulation, altered chords and other chromatic harmony. Continued work with computers and appropriate programs. Fall.

221 ADVANCED MUSIC THEORY LABORATORY 1-1

A practicum of solfège and ear training to complement Advanced Music Theory 211. Fall.

305. MUSIC TECHNOLOGY II 3

Prerequisites: MUS 205; MUS 111/112; 121/122. Students will learn to convert musical scores to soundfiles, the technique of recording acoustic and MIDI instruments, and the editing of sound files in Digidesign Pro Tools. The final project will consist of composing a short movie score to be edited and synchronized to student produced movies from Communication students. PERFORMANCE CORE HUMANITIES.

312. FORM AND ANALYSIS 3

Prerequisites: MUS 111-112, MUS 211. A study of musical form and new harmonic languages of the 20th and 21st centuries. Continued work with computers and appropriate programs. Spring.

315-316. SERVICE PLAYING 2-2

The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms, and modulation. On demand.

322. FORM AND ANALYSIS LABORATORY 1

A practicum of tonal and atonal solfège and ear training to complement Form and Analysis 312. Spring.

327. FOUNDATIONS OF CHORAL CONDUCTING 2

A study of the basic principles of conducting. The course will cover the physical gesture, baton techniques and the language of the skill of conducting with specific application to problems inherent in the choral medium. This course will include 6 hours of field-based experience. Fall.

328. CHORAL CONDUCTING 2

Prerequisites: MUS 211-212 or consent of instructor. A study of the techniques of advanced choral conducting. The course will incorporate the study of choral tone and vocal pedagogy, stylistic analysis, score study, diction and rehearsal techniques. Continued refinement of the physical gesture in practical application of the rehearsal will be implemented. This course will include 6 hours of field-based experience. Spring.

335-336. KEYBOARD PEDAGOGY 2-2

Prerequisite: consent of instructor. This course is an introduction to the art of piano teaching and includes a survey of current materials and methods used in teaching average-age and adult beginning piano students. The primary focus of the course is the supervised teaching of average-age beginning students in individual settings. Additional topics include the teaching of adult/hobby students, the study of learning and personality theories, and business practices as they pertain to individual piano instruction. On demand.

337S. ELEMENTARY SCHOOL MUSIC METHODS 2

Prerequisites: MUS 211-212. A study of the methods, materials, and problems related specifically to teaching general music classes in the elementary level school (grades K-6). General music and vocal music will be emphasized, along with classroom instruments such as recorder, guitar, autoharp, Orff instruments and classroom percussion instruments. Included also is the study of the philosophy, psychology, history, and contemporary trends in music education. This course will include 13 hours of field-based experience. Alternate years. Fall.

339S. SECONDARY SCHOOL VOCAL MUSIC METHODS 2

Prerequisites: MUS 211-212, MUS 337 or permission of instructor. A study of the methods, materials, and problems related specifically to teaching vocal ensembles (small and large, beginning and advanced) at the secondary level, including grades 6-12. Part of the emphasis will be on developing evaluative techniques and ability to apply them in assessing both the music progress of students and the objectives and procedures of the curriculum. Additional emphasis is placed on secondary general and exploratory music classes. This course will include 13 hours of field-based experience. Alternate years. Spring.

340. SECONDARY SCHOOL INSTRUMENTAL MUSIC METHODS FOR VOCAL MUSIC EDUCATION 2

A study of the methods, materials, and problems related specifically to teaching instrumental ensembles (small and large, beginning and advanced) at the secondary school level, including grades 6-12. Part of the emphasis will be on the development of improvisational skills for use in the music classroom. Additional attention will be given to areas of expertise needed to pass the praxis exam, i.e., band repertoire, instrumentation and transposition of instruments, modes and jazz scales. This course will include 13 hours of field-based experience.

345-346W. A HISTORY OF MUSICAL STYLE	3-3
Prerequisites: MUS 111-112 or consent of instructor. A study of the development of musical styles from late antiquity to the present with emphasis on the role of music in the context of Western history and culture. Includes study of non-Western music. Yearly.	
360. SACRED MUSIC I: LITURGICAL MUSIC AND HYMNOLOGY.....	4
History of the development of various liturgical forms, the Mass, the Judaic musical heritage, Anglican and Lutheran liturgies. Origins and uses of the great hymns, the ecclesiastical year and music appropriate to it; relationship of this music to that of the general culture. Alternate years. MEANINGFUL LIFE AND HUMANITIES CORE.	
395,396. SELECTED TOPICS.....	3,3
An intensive study of an area not normally covered in the music curricula. Consent of instructor.	
400. MUSIC INTERNSHIP.....	1-3
Supervised internship with an approved employer in the music profession. A proposal for the internship must be submitted to the Dean of the School of Music for approval by the music faculty. This submission must occur prior to the beginning of the semester in which the course will be taught. For each 40 hours of work, a student may receive one hour of course credit. May be repeated once for credit. On demand. CAREER TREK COMPONENT.	
401S. ADVANCED THEORETICAL CONCEPTS	3
Pre-requisites: MUS 312/322 or consent of instructor. Specialized studies in various facets of advanced music theory, including orchestration, counterpoint, and advanced analysis. May be repeated for credit with a different topic.	
428. ADVANCED CONDUCTING	2
Advanced training in conducting technique, rehearsal preparation, and score study. The course will incorporate analysis of large forms for chorus and orchestra. Class participants will be assigned podium time with a college ensemble or other designated ensemble at the discretion of the instructor. This course will include 6 hours of field-based experience. Fall.	
443S. STUDIES IN MUSIC LITERATURE	3
Prerequisites: MUS 345-346W-347 or consent of instructor. Specialized studies in various genres of music literature, including choral, keyboard, operatic, art song, and symphonic literature. Offered on demand. May be repeated for credit with a different topic.	
449. VOCAL PEDAGOGY.....	3
Prerequisite: 200-level applied study, or permission of the instructor. A study of vocal production, with emphasis on preparation for the student to teach private voice lessons. On demand.	
450. VOCAL PEDAGOGY PRACTICUM.....	1
Prerequisite: MUS 449. This continuation of MUS 449 is an internship experience in private voice instruction. Participants will be assigned a voice student for the semester, whom they will teach under periodic supervision. On demand.	
460. SACRED MUSIC II: CHURCH MUSIC MANAGEMENT AND INTERNSHIP	3
The organization and administration of a complete church music program. Rehearsal planning and techniques, graded choir system, the music program and its integration into the total church program, equipment, music library, promotion, major works, organ design and placement. Practical application and observation of church music programs in the local area. Alternate years.	
471. SENIOR SEMINAR.....	1
A supervised review of Music History Music Theory, Aural Skills Keyboard Skills Sight Reading and a review in each student's area of specialization concluding in a comprehensive exam.	
481. SENIOR RECITAL	1
Prerequisite: Applied study of the 300-level. Preparation and performance of a 30-60 minute public recital.	
491-496. INDEPENDENT STUDY IN MUSIC.....	1-6
Prerequisite: Junior or senior status. Open to music majors with junior or senior standing. A special project in analysis, research, or an applied area will be designed by the student and a faculty adviser. This project will then be submitted to the music faculty for approval. Regular and periodical evaluation will be made by the supervising faculty member and the results of the independent study will be presented in the form of a paper, an original composition, or a public performance. May be repeated for credit with different topics. On demand.	
900. SENIOR ASSESSMENT.....	0
A supervised review of Music History, Music Theory, Aural Skills, Keyboard Skills, Sight Reading, and a review in each student's area of specialization, concluding in a comprehensive exam. (CR/NC)	
199. MODULE STUDIES.....	3
Special topics offered during the Module.	
APPLIED MUSIC: Private Instruction (All students must pass a Sophomore Assessment before taking upper-level applied lessons).	
140; APPLIED MUSIC FOR NON-MUSIC MAJORS.....	1-1
Half-hour lesson weekly with minimum of three and 1/2 hours practice a week. May be repeated for additional credit. PERFORMANCE CORE HUMANITIES.	

170, 270, 370,470. APPLIED MUSIC FOR BA IN MUSIC..... 1-1
 Half-hour lesson weekly with minimum of three and 1/2 hours practice a week. BA students must perform once each semester on student Recital Hour. May be repeated for additional credit. PERFORMANCE CORE HUMANITIES.

180, 280, 380, 480. APPLIED MUSIC FOR CONCENTRATION IN PERFORMANCE OR COMPOSITION 1-1
 Hour lesson weekly with minimum of seven hours practice a week. Students must perform once each semester on student Recital Hour. Memorization of some literature on jury essential for performance concentration. May be repeated for additional credit. PERFORMANCE CORE HUMANITIES.

ENSEMBLES

153. CENTENARY CHOIR 0-0
 The Centenary Choir performs a wide variety of choral literature and makes many public performances. By audition only. (CR/NC)

154. CHORAL ENSEMBLES (CAMERATA, CHORALE, AND CANTARE) 0-0
 These groups sing the great choral chamber literature from all periods of music history. Public concerts each semester. Membership by audition. (CR/NC)

156. HURLEY ORCHESTRA..... 0-0
 School of Music orchestra which plays a full range of literature and accompanies standard choral and concerto literature. Audition required. (CR/NC)

157. SINGERS' PERFORMANCE WORKSHOP 0-0
 A performance experience which emphasizes training in stage movement and acting for singers. Literature may include opera, operetta, or musical theater. Audition required. (CR/NC)

158. COLLABORATIVE PIANO..... 0-0
 Prerequisites: MUS 111-112, or permission of instructor. The study of the art of vocal and instrumental collaboration. This class will also cover the fundamentals of advanced sight reading, harmonization, transposition, improvisation, score reading, figured bass, and ensemble playing. Audition required. (CR/NC)

160. CHAMBER ENSEMBLES 0-0
 Ad hoc instrumental or vocal ensembles, such as percussion ensembles and string ensembles. Audition required. (CR/NC)

THE COURSES LISTED BELOW ARE BEING RETAINED ONE MORE YEAR FOR THE TEACH-OUT.

314. COUNTERPOINT 3
 Prerequisites: MUS 211-212 or consent of instructor. A study of 18th-century contrapuntal techniques through composition and analysis. Alternate years. Fall.

353. WOODWIND METHODS 1
 Study of the principles of woodwind instruments in a laboratory format. Meets 2 hours weekly. Offered alternate years.

357. PERCUSSION METHODS 1
 Study of the principles of percussion instruments in a laboratory format. Meets 2 hours weekly. Offered alternate years.

411. ORCHESTRATION..... 3
 Scoring and analysis of scores for orchestra and band. Prerequisite: MUS 211-212. Fall.

412S. ADVANCED ANALYSIS 3
 Prerequisite: MUS 212. A survey of musical analytical techniques from the theories of Rameau, Riemann, Tovey, and more recent traditionalists such as McHose, Piston, Ottman, and others. Modern techniques based on Schenker, Forte, Reti, and others will be studied, with emphasis on functional, aesthetic, and historical judgment. Alternate years in spring.

447. PERCUSSION PEDAGOGY 1
 Prerequisites: Applied Music 100-200. A study of common teaching methods, practices and literature for percussion instruments. On demand.

160, 260, 360, 460. APPLIED MUSIC FOR BM ED MAJORS 1-1
 Hour lesson weekly with minimum of seven hours practice a week. Students must perform once each semester on student Recital Hour. May be repeated for additional credit.

250, 350, 450. APPLIED MUSIC FOR BM SACRED MUSIC AND THEORY/COMPOSITION MAJORS 2-2
 Hour lesson weekly with minimum of ten hours practice a week. Students must perform once each semester on student Recital Hour. May be repeated for additional credit.

200, 300, 400. APPLIED MUSIC FOR BM PERFORMANCE MAJORS 3-3
 Hour lesson weekly with minimum of fourteen hours practice a week. Students must perform once each semester on student Recital Hour. May be repeated for additional credit. Memorization of some literature on jury essential for performance degrees.

Neuroscience (NEUR)

Associate Professor: Butcher

The rapidly growing field of neuroscience seeks to understand the nervous systems of human and nonhuman animals. It is a broad discipline that quite literally spans scientific specialties ranging in scope from molecule to mind. The field draws on the techniques and traditions of biology, chemistry, philosophy, psychology, and more recently, physics, mathematics and computer science. Neuroscientists study topics ranging from basic cellular processes in the brain, to identifying the causes of clinical brain/behavior disorders, to computational modeling of neural circuits and the quest for human consciousness. The neuroscience program at Centenary College has been designed to reflect this diverse scientific lineage. This approach provides students with a solid foundational knowledge while retaining the flexibility to pursue electives emphasizing their specific interests. Students who successfully complete the program will be well prepared for post-graduate study and/or an entry level position in a neuroscience-related field including biomedical research, pharmaceutical marketing or sales, as well as positions in local, state or federal health programs.

Major Requirements for the B.S. in Neuroscience

1. Major core coursework (22 hours)

BIOL 101: Principles & Methods of Biology or NEUR 101: The College Brain.....	4
BIOL 204: Cell Biology.....	4
NEUR 240: Introduction to Neuroscience.....	4
NEUR 410S: Advanced Neuroscience.....	4
NEUR 473: Seminar in Neuroscience (Course must be completed twice).....	2,2
NEUR 493: Independent Study.....	2

2. Three elective courses from the following (9- 12 hours) - Note: these courses may have prerequisites not listed here.

PHIL 212: Bioethics.....	4
CSC 277: Bioinformatics.....	4
BIOL 290: Interdisciplinary Studies.....	4
BPHY 304/314: Modern Physics in Biology.....	4
BIOL 316: Molecular Genetics.....	4
NEUR 319: Psychopharmacology.....	4
BIOL 321: Biochemistry I.....	3
and BIOL 324: Lab.....	1
CSC 440: Artificial intelligence.....	4
NEUR 350S: Neurological Disease & Disorders.....	4
NEUR 395: Special Topics.....	4
NEUR 396: Special Topics.....	4
BIOL 405: Advanced Cell Biology.....	4
CHEM 402: Advanced Organic Chemistry.....	3

3. Supportive coursework (16 hours)

CHEM 121/123: General Chemistry I.....	4
CHEM 122/124: General Chemistry II.....	4
CHEM 201/211: Organic Chemistry I.....	4
CHEM 202/212: Organic Chemistry II.....	4

Minor Requirements for Neuroscience (21-23 hours)

- | | |
|---|---|
| BIOL 101: Principles and Methods in Biology or NEUR 101: The College Brain..... | 4 |
| NEUR 240: Introduction to Neuroscience..... | 4 |
| NEUR 410S: Advanced Neuroscience..... | 4 |
| NEUR 473: Seminar in Neuroscience..... | 4 |
| Two courses from those listed in the major electives of the BS program..... | 8 |

Departmental Honors in Neuroscience

For a student to be considered for admission to the Honors Program in Neuroscience, he or she must meet the general College requirements for admission to such programs. In addition to the general requirements, a student must complete an additional two semester hours of independent study credit beyond that required by the major (a total of four hours). In collaboration with the supervising faculty

member, the student must prepare a written summary of their project in the form of a Journal of Neuroscience article that will be archived by the Neuroscience Program. Finally, students must present their work at the Centenary College Student Research Forum.

101: THE COLLEGE BRAIN..... 4

This course will introduce various concepts in neuroscience through a focused study of the college-age brain. Specific neuroscience topics may include: sleep, brain-based learning, drugs, love and cognition. Additionally the course will heavily emphasize the process of science, experimental design, and quantitative analysis of data. Fall.

240. INTRODUCTION TO NEUROSCIENCE 4

Prerequisite: BIOL 101 or NEUR 101 and BIOL 202 or BIOL 204. The fundamental principles and current problems of modern nervous system studies will be introduced. Topics include neural signaling, sensation, movement and the neural basis of cognition. The laboratory will reinforce lecture material and provide practical experience with both classical and modern methods in neuroscience. This course satisfies the Community component of Trek. Spring. (Same as BIOL 240 and PSY 240) (3-3)

317. SENSATION AND PERCEPTION..... 4

Prerequisite: BIOL 101 or NEUR 101. A focused study of sensory systems utilized by humans and other animal species. This course will examine how the structure and function of various sensory systems produce the perceptual representation of the world. Spring of even years. (Same as BIOL 317 and PSY 317)

319. PSYCHOPHARMACOLOGY 4

Prerequisite: BIOL 101 or NEUR 101 and PSY 101 or consent of the instructor. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. Yearly. (Same as BIOL 319 and PSY 319)

350S. NEUROLOGICAL DISEASES AND DISORDERS 4

Prerequisites: BIOL 101 or NEUR 101 and BIOL 202 or BIOL 204. The symptoms, underlying causes, and current treatments for disorders including Alzheimer's, autism, Parkinson's and traumatic brain/spinal cord injury will be examined. The secondary effects on caregivers, local communities, and national policy will also be explored. Fall of odd years. (Same as BIOL 350S and PSY 350S)

395, 396. SELECTED TOPICS..... 4

Prerequisite: NEUR 240; other prerequisites depend upon topic. A detailed study of an area of neuroscience not covered in current offerings. Some topics offered are Neurological Diseases and Disorders, and Neuroethology. This course may be repeated for credit for different topics. On Demand.

410S. ADVANCED NEUROSCIENCE 4

Prerequisite: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. Spring of odd years. (Same as BIOL 410S and PSY 410S)

473.SEMINAR IN NEUROSCIENCE..... 2

Prerequisite: NEUR 240 and junior or senior standing. This course is designed to allow students the opportunity to synthesize information from many areas in neuroscience into a coherent whole. A summary oral presentation is required. May be taken twice for credit. Fall.

491-496. INDEPENDENT STUDY IN NEUROSCIENCE 1-6

Prerequisites: Twenty hours from courses listed in items 1-3 of the major requirements in neuroscience. Each candidate must submit a written proposal for approval in advance of his/her intention to register for this type of study. Research on a selected neuroscience topic. The results of the research will be presented orally at the Centenary College Student Research Forum or another approved public forum. On demand.

Philosophy (PHIL)

Associate Professor: Ciocchetti, *Chair*
Professor: Aizawa

Professor Emeritus: Cox

Since Socrates, philosophers have earned the reputation of questioning what is widely taken for granted in art, morality, politics, religion, and science. In fact, much of what we take for granted today has been influenced by the philosophical challenges of the past. It is because of philosophy's long intellectual history and profound contribution to human thought and society that it is one of the essential elements of the liberal arts curriculum.

The Philosophy Department brings the intellectual skills and rigor of this tradition to students through its introductory courses, history of philosophy courses, and courses specifically designed to address the philosophical dimensions of art, politics, religion, and science.

Major Requirements for a B.A. in Philosophy

At least eight courses totaling at least 30 hours including Phil 202: Ethics or Phil 212: Bioethics, Phil 301: Plato and Aristotle, and Phil 302: the Enlightenment.

Students planning on attending graduate school in philosophy should visit the department's website centenary.edu/philosophy/gradschool.

Minor Requirements

At least five courses totaling at least 18 hours including Phil 301: Plato and Aristotle and Phil 302: the Enlightenment.

Departmental Honors in Philosophy

1. Admission to Departmental Honors program.
2. Graduation from Centenary with major in Philosophy.
3. A grade point average of at least 3.25 in both major and overall course work.
4. Completion of an independently researched Senior Honors thesis, presentation of the Senior Honors thesis at the Student Research Forum or other suitable venue, and an oral defense of thesis.

101. INTRODUCTION TO PHILOSOPHY	4
An introduction to philosophical method through problems selected from such areas as theory of knowledge and reality, art, ethics, religion, and science. Every spring.	
102. CONTEMPORARY MORAL PROBLEMS	4
An introduction to moral philosophy through the study of contemporary moral problems. Students will apply moral theories to various problems such as those posed by poverty and wealth, sexual equality, affirmative action and hate speech, and abortion and animal rights. Students will learn to identify kinds of moral reasons in scholarly, legal and popular arguments, to compare and evaluate moral arguments, and to build consensus on moral issues. Every fall.	
202. ETHICS	4
A critical examination of systematic accounts of our moral obligations, such as those offered by Kantian deontologists, Utilitarian consequentialists, and virtue ethicists. We will give special attention to how these theories address issues of poverty and wealth, our obligations towards near and distant others, and the moral significance of human fetuses and non-human animals. Spring of odd years.	
206. PHILOSOPHY OF SCIENCE	4
An examination of 1) the nature of science and scientific method, 2) the nature of scientific concepts, and 3) the nature of scientific change. Fall of even years.	
210. SYMBOLIC LOGIC	4
A computer assisted introduction to the basic formal principles and methods of symbolic logic and deductive inference. Fall of odd years.	
212. BIOETHICS	4
This course introduces students to issues in bioethics. Students will acquire a basic understanding of relevant biology and ethical concerns. We will address issues surrounding the creation of life, killing, and the distribution of medical resources. In the end, students will have a deeper appreciation of bioethical issues and will be able to reason their way to a solution effectively and persuasively. Spring of even years. (Same as BIOL 212)	
260. INTRODUCTION TO BUDDHISM	3
A general survey of the basic doctrine, practice and historical development of Hinayana and Mahayana Buddhism in India, China and Japan. Spring of odd years. (Same as REL 260)	
290. INTERDISCIPLINARY STUDIES	4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. This course MAY satisfy the Career or Community component of Trek. Offered on demand.	

301. PLATO AND ARISTOTLE 4
 Students will examine primary texts by Plato and Aristotle as well as the arguments of presocratic philosophers, and Plato and Aristotle’s followers. We will examine ancient answers to philosophical questions about the meaning of life, the nature of God, the universe and human beings, and the nature and limits of knowledge. In every case, we will consider these arguments as historical artifacts and evaluate them as positions we might adopt today. Every fall.

302. THE ENLIGHTENMENT..... 4
 A critical study of primary philosophical texts of the enlightenment period in Europe. We will read texts by authors such as Descartes, Leibniz, Locke, Hume, and Kant. We will examine how ancient answers to philosophical questions were challenged by the scientific revolution. In every case, we will consider these arguments as historical artifacts and evaluate them as positions we might adopt today. Every spring.

303S. PHILOSOPHY OF RELIGION 4
 A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil and theory of salvation. Every spring. (Same as REL 303S)

309. SOCIAL AND POLITICAL PHILOSOPHY..... 4
 A topically-driven application of the major normative social and political theories. Possible topics include punishment, human rights, just wars, property, and immigration. Course, but not individual topics, may be repeated. Every fall. (Same as PSC 309)

312. PHILOSOPHY OF ANIMAL MINDS 4
 A study of some of the principal scientific and philosophical issues concerning the nature of animal minds, including language, communication, consciousness, and theory of mind. Fall of even years.

483. SEMINARS 4
 Prerequisite: Permission of instructor. Group study of historical topics or problems, as determined by student interest and need. Study based on student discussion and papers. Offered yearly, or upon demand.

491-496. INDEPENDENT STUDY..... 1-6
 Prerequisite: Permission of instructor. Independent research and writing on a problem of student’s choosing with approval and under direction of instructor. Offered yearly, or upon demand.

199. MODULES IN PHILOSOPHY 3
 Special topics offered during the Module.



Physics Minor (PHYS)

centenary.edu/physics

Professor Rodriguez, *Chair* jrodrigu@centenary.edu
 Assistant Professor: Messina tmessina@centenary.edu
 Professor Emeritus: Trahan
 Cooperating Faculty: Professor Ticich, Associate Professor Bieler

The physics curriculum at Centenary provides learning opportunities for science and non-science majors. Those include introductory courses that provide students a foundation in classical and modern physics, and senior level courses that offer the Physics minor an advanced insight into the world of physics.

Minor Requirements:

PHYS 104/114, 105/115, 404, 416, and one course from among the following: BPHY 304, CHEM 351/353 or CHEM 352/354, or GEOL 405.

- 103. CONCEPTUAL PHYSICS (LABORATORY REQUIRED) 3**
 A non-mathematical course for non-science majors that examines how physics laws account for the world around us, from everyday phenomena to the Cosmos.
- 104. PHYSICS I (LABORATORY REQUIRED)..... 3**
 Prerequisite: MATH 115; Corequisite: PHYS 114. A calculus-based introduction to classical and fluid mechanics. Topics include kinematics, Newton's laws of motion, linear and rotation dynamics of point masses and rigid bodies, fluid mechanical, and their application to other disciplines especially to biology. Offered every spring.
- 105. PHYSICS II (LABORATORY REQUIRED) 3**
 Prerequisite: PHYS 104; Corequisite: PHYS 115. A calculus based introduction to wave, acoustic, electromagnetic, and optical phenomena. Topics include wave phenomena, sound, electricity, magnetism, optics, and their application to other disciplines especially to biology. Offered every fall.
- 113. CONCEPTUAL PHYSICS LABORATORY 1**
 Corequisite: PHYS 103. A physics laboratory for non-science majors to accompany Physics 103. Experiments in mechanics, fluid mechanics, heat, wave motion, light, sound, electric and magnetic fields, and electricity.
- 114. PHYSICS LABORATORY I..... 1**
 Co-requisite or pre-requisite: PHYS 104. Introduction to laboratory techniques including experimental design, statistical data analysis, and reporting of results. Experiments are drawn from different areas of mechanics.
- 115. PHYSICS LABORATORY II 1**
 Co-requisite or pre-requisite: PHYS 105. Experiments are drawn from areas of wave phenomena, sound, electricity, magnetism, and optics.
- 301. MODERN PHYSICS IN BIOLOGY..... 4**
 Prerequisite: PHYS 105 and 115 or consent of instructor. This course introduces students to concepts of atomic, molecular, nuclear, and statistical physics with application to biology and medicine. These concepts are used to understand quantitatively photosynthetic energy harvesting, electron transport, thermoregulation, membrane potential generation and propagation, DNA and protein structure determination, protein dynamics and structural activation, biological and medical imaging, and interaction of nuclear radiation with biological tissues. The course includes a laboratory that introduces students to physical techniques used in modern biology and medicine. Experiments include molecular dynamics simulations, spectrophotometry, fluorescence spectroscopy, fluorescence microscopy, pulsed NMR spectroscopy and MRI, ultrasound imaging, computed tomography, and nuclear radiation detection. Spring. (Same as BPHY 301)
- 305. MODERN PHYSICS II..... 3**
 Prerequisite: PHYS 204 and MATH 201. An introduction to the topics of molecular structure, nuclear physics, solid state physics, particle physics, and superconductivity. Spring of even years. *Course will no longer be offered after teach out.*
- 404. ELECTROMAGNETISM AND ELECTRONICS..... 4**
 Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of electromagnetic theory and practice. Topics include: electrical fields, forces, and potentials; current, voltage, power, and electronic components and circuits; magnetic field and forces; electrical and magnetic materials; Maxwell's equations and electromagnetic waves. A significant portion of the course focuses on applications of electromagnetic phenomena to biology and chemistry that include discussion of ions in aqueous media, ion channel biology, membrane potentials, nerve impulse propagation, mass spectrometry, and semi-classical theory of pulsed NMR. The course includes a laboratory with activities that focus on breadboarding; use of test and measurement equipment; experimentation with resistors, capacitors, inductors, diodes, transistors, and integrated circuits, analysis of

current, voltage, power, and electronic circuits; generation of magnetic fields and electromotive forces; NMR pulse sequence analysis. Fall even years. (Same as BPHY 404).

414. ELECTRICITY AND MAGNETISM II..... 3

Prerequisite: PHYS 413. An advanced treatment of electric and magnetic fields based on Maxwell's equations, introduction to theories of dielectric and magnetic materials, static boundary value problems. Electromagnetic waves, wave guides, and other boundary value problems. Spring of odd years. *Course will no longer be offered after teach out.*

416. THERMAL AND STATISTICAL MECHANICS..... 4

Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of thermal and statistical physics theories. Topics include: three laws of thermodynamics, probability, energy, and entropy, equilibria, Boltzmann statistics, free energy, solvation, diffusion. A significant portion of the course focuses on applications to biology and chemistry that include discussion of protein folding, molecular motion, molecular interactions (e.g., oxygen and hemoglobin), polymers and ions in solution. Fall odd years. (Same as BPHY 416).

453W-463W. PHYSICS RESEARCH..... 3-3

Prerequisite: Consent of the instructor. Nine hours of laboratory research weekly under direct supervision of a faculty member in the Department. Students are also expected to research the topic in the literature and to be fully engaged in the design and implementation of their experiments.

471. SENIOR SEMINAR..... 1

Presentation and discussion of research performed by the individual student or reported in the current literature. Offered in spring.

199. MODULE STUDIES..... 3

Special topics offered during the Module.

Psychology (PSY)

Associate Professor: R.M. Weeks, *Chair*

Assistant Professor: Hammond

Professor Emerita: Gwin

Psychology is the study of thought, action, and emotion in humans and in nonhuman animals. The Department offers a broad range of courses that encourage students to critically analyze why individuals think, act, and feel in the ways they do. A fundamental goal of the Department is to familiarize students with the various techniques used in modern social-science research; toward this aim, the Department offers laboratory resources to facilitate the generation of student-managed research projects. Students majoring in psychology often plan to pursue further education in graduate school in psychology or related disciplines, but others use this education as a springboard into medical school, law school, occupational-therapy school, physical-therapy school, or business.

A student may not count more than one 100-level psychology course toward any college requirement.

Major Requirements for the B.A. in Psychology

A student must complete thirty-six (36) hours in Psychology, including:

A) All of the following:

- PSY 10X, Any Introduction to Psychology, course
- PSY 215, Introduction to Research Methods & Lab
- PSY 304, Statistics for the Behavioral Sciences
- PSY 473, Senior Seminar

B) One course from each of the following four (4) knowledge domains:

1) *Learning and Cognition*

- PSY 325, Learning and Memory
- PSY 326W, Cognitive Psychology
- PSY 327, Psychology of Design

2) *Individual Differences and Social Processes*

- PSY 305, Social Psychology
- PSY 322, Introduction to Psychological Testing
- PSY 341, Forensic Psychology
- PSY 411, History and Systems of Psychology
- PSY 421, Abnormal Psychology

3) *Biological Bases of Behavior*

- NEUR 101, The Brain
- PSY 240, Introduction to Neuroscience

- PSY 317, Sensation and Perception
 - PSY 319, Psychopharmacology
 - PSY 350S, Neurological Diseases and Disorders
 - PSY 403W, Animal Behavioral with Lab
- 4) *Developmental Changes Across the Lifespan*
- PSY 211, Human Growth and Development
 - PSY 328, Language Development

C) 4 additional hours in psychology

Students considering psychology for their vocation should be prepared to continue their education at the graduate level.

Minor Requirements

To minor in psychology, a student must complete twenty (20) hours in psychology approved by a member of the Psychology Department. At least eight (8) hours must be in courses above the 300 level.

Major Requirements for the B.S. in the Three-Two Program in Speech-Language Pathology

For the Bachelor of Science in Psychology, and a Master of Communication Disorders degree from Louisiana State University Health Sciences Center, a student must complete:

Psychology courses (36 hours total)

PSY 10X:	Introduction to Psychology
PSY 211:	Human Growth and Development
PSY 215:	Introduction to Research Methods and Lab
PSY 304:	Statistics for the Behavioral Sciences
PSY 317:	Sensation and Perception
or	
PSY 319:	Psychopharmacology
PSY 325:	Learning and Memory
PSY 421:	Abnormal Psychology
PSY 473:	Senior Seminar in Psychology
PSY XXX:	Four (4) hours of elective courses in psychology

Supportive courses (27 hours total)

BIOL 101:	Principles and Methods of Biology
BIOL 202:	Structure and Function of Organisms
BIOL 271:	Medical Terminology
BIOL 301:	Human Anatomy and Physiology 1
BIOL 302:	Human Anatomy and Physiology 2
CHEM 121/123:	General Chemistry
or	
PHYS 104/114:	Physics I
COMM 180:	Public Communication in the Digital Age
THEA 102:	Voice for the Stage

LSUHSC

A minimum of 36 credit hours must be earned in no fewer than five semesters at LSUHSC. Should the student not complete the Masters of Communications Disorders program at LSUHSC, he or she may complete the B.A. degree in Psychology from Centenary College of Louisiana as long as all the standard graduation requirements are met.

Departmental Honors in Psychology

Students may be admitted to the Department's Honors Program if they have attained junior standing and meet the other requirements. For details, consult the department chairperson.

101. INTRODUCTION TO PSYCHOLOGY	4
Introduces the study of the actions, thoughts, and feelings of humans and non-human animals. Topics covered include the brain, genetics, sleep, hypnosis, drugs, learning, language, intelligence, personality, and psychological disorders.	
211. HUMAN GROWTH AND DEVELOPMENT	4
A study of the aspects of human behavior that change from conception through adulthood and the processes that account for the changes. A review of the major theories set forth to explain different aspects of human development is included. This course MAY optionally satisfy the Community component of Trek. Fall and spring.	
215. INTRODUCTION TO RESEARCH METHODS & LAB	4
Prerequisites: Psychology major or consent of instructor. This course explores the study of the scientific methods of psychology, including experimental and observational techniques, through lecture and hands-on laboratory experiences. Topics include research ethics, problem identification and	

hypothesis formation, critical reading of peer-reviewed literature, research design, minor application of statistics, collection and interpretation of data, and research description. Fall.

240. INTRODUCTION TO NEUROSCIENCE 4

Prerequisite: BIOL 101 and BIOL 202 or BIOL 204. The fundamental principles and current problems of modern nervous system studies will be introduced. Topics include neural signaling, sensation, movement and the neural basis of cognition. The laboratory will reinforce lecture material and provide practical experience with both classical and modern methods in neuroscience. This course satisfies the Community component of Trek. Spring. (Same as BIOL 240, NEUR 240) (3-3)

290. INTERDISCIPLINARY STUDIES..... 4

This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. The course, but not individual topics, may be repeated for credit. Offered on demand.

304S. STATISTICS FOR THE BEHAVIORAL SCIENCE 4

Prerequisite: MATH 104 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation and regression, t-test, and simple analysis of variance. The laboratory will reinforce lecture material and provide practical experience with the statistical techniques using computer applications. Yearly. (Same as PSC 304 and SOC 304)

305. SOCIAL PSYCHOLOGY 4

Prerequisite: PSY 101 or SOC 101. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction, interest and exchange theory, group dynamics and process, ethnomethodology, and phenomenology. Yearly. (Same as SOC 305)

317. SENSATION AND PERCEPTION..... 4

Prerequisite: BIOL 101 or NEUR 101. A focused study of sensory systems utilized by humans and other animal species. This course will examine how the structure and function of various sensory systems produce the perceptual representation of the world. Spring of even years. (Same as BIOL 317 and NEUR 317)

319. PSYCHOPHARMACOLOGY 4

Prerequisite: PSY 101 or consent of the instructor. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. Yearly. (Same as BIOL 319 and NEUR 319)

322. INTRODUCTION TO PSYCHOLOGICAL TESTS..... 4

Prerequisite: PSY 215 or consent of the instructor. A study of the theories and methods used by professional psychologists to measure various aspects of human behavior and capacity. On demand.

325. LEARNING AND MEMORY 4

Prerequisite: PSY 101. An examination of theory and data in the study of learning in humans and in non-humans. Yearly.

326W. COGNITIVE PSYCHOLOGY 4

Prerequisites: PSY 101 or consent of the instructor. An investigation into human cognitive processes, including memory, sensation, perception, language, and reasoning. Every fall.

327. PSYCHOLOGY OF DESIGN..... 4

Prerequisite: PSY 101. This course explores the design of everyday objects and systems from a psychological perspective. Ever wonder who decided what should be on the menu items of your computer software? Or why door handles look the way they do? Or who wrote the air bag warning in your car? Psychologists who study human factors (aka engineering psychology) consider the capabilities and limitations of the human mind and body in creating designs most easily used and understood by their human consumers. This course provides an introduction to this application of psychology through readings, lectures, discussion, and hands-on projects and exploration. Every spring.

328. LANGUAGE DEVELOPMENT..... 4

Prerequisite: PSY 211 or consent of the instructor. This course discusses the theories, research, and applications of the main ideas in the study of language development. It provides students with solid grounding in the psychological approach to language acquisition from birth through the school age years. Topics include the development of phonological, lexical, morphological, syntactic, and pragmatic abilities as well as exploration of bilingualism and language learning in school-age children. Every spring.

341. FORENSIC PSYCHOLOGY 4

Prerequisite: PSY 101, SOC 101, or consent of the instructor. Examination of the legal system through the use of psychological concepts, methods, and research results. Topics include eyewitness testimony, jury selection, recovered memories, and insanity defenses. Offered on demand.

350S. NEUROLOGICAL DISEASES AND DISORDERS 4

Prerequisites: BIOL 101, BIOL 204. The symptoms, underlying causes, and current treatments for disorders including Alzheimer's, autism, Parkinson's and traumatic brain/spinal cord injury will be examined. The secondary effects on caregivers, local communities, and national policy will also be explored. Fall of odd years starting 2009. (Same as BIOL 350S, NEUR 350S)

395S,396S. SELECTED TOPICS IN PSYCHOLOGY 4,4

Study of an area of psychology not covered in current offerings. Admission is by consent of instructor. No more than nine hours of Selected Topics will be counted toward the Psychology major. Offered as needed.

400. INTERNSHIP IN PSYCHOLOGY	4
Prerequisite: Junior or senior standing. Designed to compliment the student's theoretical understanding of psychology by providing the student with practical experience in a public or private setting. May be repeated once for credit in another area. Consent of instructor necessary before registering.	
403W. ANIMAL BEHAVIOR WITH LAB	4
A study of the evolutionary, physiological and social behavior of animals in their natural habitats. Lab provides direct observation and analysis of related data collected on animals in both natural and captive situations. Fall of even-numbered years. (Same as BIOL 403)	
410S. ADVANCED NEUROSCIENCE	4
Prerequisites: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. Spring of odd years. (Same as BIOL 410S, NEUR 410S)	
411S. HISTORY AND SYSTEMS OF PSYCHOLOGY	4
Prerequisite: PSY 101 or permission of the instructor. An overview of past and current approaches to the study of psychology. On demand.	
421. ABNORMAL PSYCHOLOGY	4
Prerequisite: PSY 101 or permission of the instructor. A study of the major syndromes of behavioral disorders. Yearly.	
473. SENIOR SEMINAR	4
Students exercise their abilities to integrate information from a wide range of sources. A summary oral presentation is required. Yearly.	
491-496. INDEPENDENT STUDY	1-6
Students taking Psychology Honors may earn credit with honors in this course through research, projects, or concentrated study of selected topics. Other students may pursue independent study and/or research for directed study in areas not satisfied in the regularly listed courses. The course may be repeated for credit with different topics. Approval of the department required.	
199. MODULE STUDIES	3
Special topics offered during the Module.	

Religious Studies (REL)

Professor Otto, *Chair*
Associate Professor: Huff

Assistant Professor: Dew
Professor Emeriti: Brayford, R.E. Taylor

The Religious Studies Department encourages students to examine how religious beliefs, practices and values of contemporary and historical cultures shape and are shaped by societal factors, long-standing traditions, and distinctive forms of literary and artistic expression.

Major Requirements for the B.A. in Religious Studies

Thirty-four semester hours in Religious Studies courses

- Introduction to Hebrew Bible (REL 101)
- Introduction to Early Christian Literature (REL 102)
- Introduction to Religious Studies (REL 111)
- Introduction to World Religions (REL 204)
- At least one of the following courses:
 - Introduction to Judaism (REL 205)
 - Introduction to Christianity (REL 230)
 - Introduction to Buddhism (REL 260)
 - Introduction to Hinduism (REL 265)
 - Introduction to Islam (REL 280)
 - Introduction to African American Religions (REL 284)
- Philosophy of Religion (REL 303)
- Comprehensive Exams (REL 900 and 901)
- Fifteen additional course hours in Religious Studies, of which 12 hrs. must be at the 300 level or above.

Religious Studies Minor

- REL 101 or 102
- REL 111
- REL 204
- Twelve additional hours in Religious Studies, of which at least six hours must be at the 300 level or above.

Departmental Honors

To be considered for Departmental Honors, students must fulfill the general College requirements for honors programs. In addition they must:

1. Apply to the chair of the department during the junior year.
2. Be a Religious Studies major.
3. Be classified as a Senior while participating in the Program.
4. Hold a GPA of 3.5 or better in major and 3.25 overall.
5. Complete three hours of Independent Study in Religious Studies.
6. Complete Senior Honors Thesis.
7. Pass oral defense of thesis with Departmental faculty.
8. Present thesis at Student Research Forum.

Transfer Work

Students proposing to transfer lower-level religious studies courses to Centenary should consult with the department chairperson to determine if these courses have prepared them to enter upper-level course work in the department.

002. CHRISTIAN LEADERSHIP CENTER COLLOQUIUM..... 0
 Prerequisite: Permission of CLC Director. Designed for Christian Leadership Center participants who do not require one hour credit. Integrates field placement experience with theological reflection and training in practical applications for ministry. Offered each semester.

101. INTRODUCTION TO HEBREW BIBLE 3
 Students will examine the texts of the Hebrew Bible as the reflections made by the Israelite community about its relationship with God, its character as a chosen people, and its responsibilities in a pluralistic society. The class will use historical and literary methods to interpret the significance of the written texts. Offered every Fall semester.

102. INTRODUCTION TO EARLY CHRISTIAN LITERATURE 3
 Students will study early Christian literature to trace the development of the early church and its doctrines. Although primary attention will be given to the texts of the New Testament, non-canonical texts will also be examined. This course will use historical and literary methods to interpret written texts. Offered every Spring semester.

111. INTRODUCTION TO RELIGIOUS STUDIES 3
 Students will explore the individual and communal expressions of religion: the experience of the holy, myth, ritual, scripture, belief, morality, art, and literature. Religious cultures throughout the world will highlight this introductory-level investigation, with special attention given to recent developments such as civil religion and alternative religious movements. Offered yearly.

151-152. INTRODUCTION TO BIBLICAL HEBREW..... 3-3
 Students will be introduced to the grammar, syntax and vocabulary necessary to read aloud and translate any narrative text in the Hebrew Bible. On demand. (Same as HEB 151-152)

200. CHRISTIAN LEADERSHIP CENTER COLLOQUIUM..... 1
 Designed for Christian Leadership Center participants only. Integrates field placement experience with theological reflection and training in practical applications for ministry. Offered each semester on a Pass/D/Fail basis only. May not be counted toward requirements for Religious Studies majors. Individual topic may not be repeated for credit. This course satisfies the Career component of Trek. This course satisfies the Community component of Trek.

203. INTRODUCTION TO METHODISM..... 3
 A study of the movement which affected the social and religious life of 18th-century England and which influenced the cultural, religious, and political development of America. Primary sources are the works of John Wesley, and secondary sources are recent interpretive biographies and histories of Methodism. On demand.

204. INTRODUCTION TO WORLD RELIGIONS..... 3
 This course is a critical, introductory survey of the world’s major living religious traditions. Traditions examined include Hinduism, Jainism, Buddhism, Sikhism, Taoism, Confucianism, Shinto, Judaism, Christianity, Islam, Baha’i, and a selection of new and alternative religious movements. Students will investigate the belief structure, ritual system, sacred literature, social dimension, and historical development of each tradition. (Same as PHIL 204)

205. INTRODUCTION TO JUDAISM 3
 A study of Judaism as one of the major religious traditions of the West. The historical as well as the contemporary perspectives on Jewish literature, religious symbols, and lifestyles will be explored. Fall of odd years.

230. INTRODUCTION TO CHRISTIANITY 3
 The historical development of Christian religious thought and practice from Jesus to the present. Emphasis is on the formation of Christianity’s major teachings and their transformation and diverse expressions in the medieval, reformation and modern periods. Spring of even years.

- 260. INTRODUCTION TO BUDDHISM** 3
A general survey of the basic doctrine, practice and historical development of Hinayana and Mahayana Buddhism in India, China and Japan. Spring of odd years. (Same as PHIL 260)
- 265. INTRODUCTION TO HINDUISM** 3
An introductory survey of the Hindu tradition. The course follows the historical development of the tradition from pre-classical forms of Indian religion dating back some 4,000 years to modern revivals and reinventions of Hinduism in post-colonial India and cultures around the globe, especially North America. Fall of even years.
- 280. INTRODUCTION TO ISLAM** 3
Theological and cultural study of Islamic history and religious expression. Topics include the life of Muhammad, teachings of the Qur'an, Islamic sectarianism, religious law, ethics, ritual practices and the presence of Islam in the contemporary world. Spring of odd years.
- 284. INTRODUCTION TO AFRICAN AMERICAN RELIGIONS** 3
This course examines the history and culture of African American religious expressions. Students will examine the legacy of historical events such as the slave trade, emancipation, the Great Migration, the civil rights movement. Offered every other fall.
- 290. INTERDISCIPLINARY STUDIES** 3
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit.
- 303S. PHILOSOPHY OF RELIGION** 4
A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil and theory of salvation. Every spring. (Same as PHIL 303S)
- 308. SOCIOLOGY OF RELIGION** 4
Prerequisite: SOC 101. An investigation of the contribution of religious symbolism to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the United States. On demand. (Same as SOC 308)
- 310. THE END OF THE WORLD IN AMERICA** 3
An examination of biblical and extrabiblical apocalyptic texts with attention given to the diversity of apocalyptic thinking and predictions. With this background, students will study more contemporary examples of apocalypticism, with an eye to discerning the social, psychological, and theological continuities and differences between apocalypses then and now. Offered every spring semester.
- 320. ANCIENT GREEK RELIGION** 3
This course is an introduction to the world of thought and practice that contemporary scholars call ancient Greek religion. The main materials of the course are drawn from the ancient Greeks themselves – from poets, artists, playwrights, and mythographers. Emphasis will be placed on the myths and festivals that formed the fabric of ancient Greek religious practice and outlook. Ancient perspectives on cosmos (universe), polis (city and its society), psyche (self), and theos (gods) will be explored. Spring of odd years.
- 332. GENDER AND FAMILY IN EARLY CHRISTIANITY** 3
A study of the Greco-Roman family life; early Christian moral teachings in the context of Jewish and Greco-Roman popular morality; the early Christian family with a focus on slaves and children, marriage and divorce; gender constructions of masculinity and homosexual behavior; and the position of women in the early church. Spring of even years.
- 340. RELIGION AND SPORTS** 3
This course investigates the relationship between sports and religion in multiple religious traditions. The course focuses on historical and cultural factors that bring religion and sport together.
- 365. RELIGION AND POLITICS** 3
Religion, churches and the American political system. The separation of church and state and the development of religious freedom in America. Special emphasis given to the influence of religion on political tolerance, public policy, and social change. Alternate years. (Same as PSC 365)
- 370. RELIGION ON THE INTERNET** 3
The central claim of this course is that technology affects understandings of community and identity. As anthropologists, we will investigate online religious communities in order to learn how religious practices and beliefs function in virtual spaces. By the end of the semester, students will be able to analyze and explain online religious practices as well as analyze and explain your own role as an anthropologist of online religion.
- 395S, W. SELECTED TOPICS IN RELIGIOUS STUDIES** 3
A detailed study of an area in religion not normally covered or dealt with only in a partial manner in regular courses.
- 411W. PORTRAITS OF JESUS** 3
Prerequisite: REL 102 or consent of the instructor. Examination and analysis of the many different ways that Jesus has been portrayed in the Bible, in other literature, in music, and in film. Primary attention given to the significance of the different portrayals and the possible social and historical conditions that might have produced such different portraits. Fall of even years.

415. WOMEN AND RELIGION..... 3
 An examination of two interrelated issues, namely, the influences that religions have on women and the influences that women have on religions. Students will see expressions of these influences in women’s art, women’s writings, and women’s actions in the world. Offered every fall semester.

420W. RELIGION IN THE SOUTH 3
 Prerequisite: REL 111 or 160. This course explores the rich religious history of the American South. Topics of investigation include Southern evangelicalism, Southern Catholicism and Judaism, religious pluralism, African American religious experience, and denominational and sectarian movements of the last one hundred years. Fall of even years.

430W. GLOBAL FUNDAMENTALISM 3
 Prerequisites: REL 111, 160, or 204. This course investigates the phenomenon of fundamentalism in the context of United States culture and in other cultures around the world. Using fundamentalism as a cross-cultural and cross-traditional analytical category, the course examines the history, beliefs, practices, and cultural strategies of antimodernist religious protest movements in Protestantism, Catholicism, Judaism, and Islam. Spring of even years.

491-496. INDEPENDENT STUDY IN RELIGIOUS STUDIES..... 1-6
 Open to junior and senior students with the consent of the instructor and the chair of the department. Weekly conference with instructor. The major portion of the study is composed of library and research work. A written thesis is required. On demand.

900. COMPREHENSIVE EXAMCR/NC
 Prerequisite: Senior standing, Religious Studies major. The comprehensive exam offers students the opportunity to demonstrate a certain breadth and depth of knowledge: breadth in the selection of texts and depth in their ability to engage the texts critically and constructively. The focus is on the five lower-level courses (REL 101, 102, 111, 204 and one of the 200 Introduction courses).

901. COMPREHENSIVE EXAMCR/NC
 Prerequisite: Senior standing, Religious Studies major. The comprehensive exam offers students the opportunity to demonstrate a certain breadth and depth of knowledge: breadth in the selection of texts and depth in their ability to engage the texts critically and constructively. The focus is on the five upper level Religious Studies courses (including REL/PHIL 303).

199. MODULE STUDIES 3
 Special topics offered during the Module.

Christian Leadership Center (CLC)

Full-time Centenary students who are interested in exploring religious vocations, professional ministry or considering how their Christian faith impacts their vocation, regardless of major are invited to apply to the Christian Leadership Center. For additional information see page 75.

Sociology (SOC)

Associate Professor and Chair: Demerath

Professor: Wolkomir

Sociology is the systematic study of human social behavior. Sociologists strive to understand how humans interact with one another to create the lasting cultures, institutions and organizations that link generations in civilization. In addition, sociologists devote serious attention to the manner in which cultures and social structures influence human interaction.

Students of sociology acquire facility in the development of social thought, methods of social research, and applications of sociological knowledge to solve social problems. Majoring in sociology prepares students for (1) competent research and study in graduate programs, (2) admission to graduate study in professional degree and certification programs, such as social work, law, counseling, clinical sociology, clinically-oriented styles of ministry, occupational therapy, law enforcement, and other service-oriented professions, (3) bachelor-level practice in a variety of socially-oriented helping professions including social work counseling, religious work, certain adjunct therapies and juvenile and adult corrections, and (4) skillful and innovative performance in private business enterprise and public service, particularly in market research and public opinion polling.

Students with at least a 3.0 cumulative GPA and 12 or more hours in sociology with a 3.0 GPA are eligible for membership in Eta Chapter, Alpha Kappa Delta International Sociology Honor Society.

Major Requirements

All candidates for the B.A. degree in Sociology must complete:

1. At least thirty two (32) semester hours in Sociology including 101, 404, 415, and an approved statistics course.
2. Twelve (12) of the minimum 32 hours in Sociology must be from courses numbered 300 or above.
3. One semester of Internship (120 hours) in a field setting.
4. All Sociology majors are required to take Senior Seminar.

Majors are encouraged to take Statistics and Research Methods prior to their senior year.

Minor Requirements

1. Sociology 101, 404.
2. Three (3) additional Sociology courses of the student's choice in consultation with the student's adviser.
3. Internship is not required of a minor but is recommended.

Requirements for Department Honors in Sociology

1. Sociology Major
2. Senior Standing
3. 2 Semesters of Study and Research
4. GPA of 3.5 or better in major and 3.25 overall.

Students participating in the Honors Program will engage in extensive study in original research under the guidance of the Sociology faculty. An oral and written presentation of research findings will be required.

NOTE: Students registering for advanced courses in the department should present proof of adequate background in social science theory and practice appropriate to the level of the course. Students are not permitted to register for Sociology 493 before consulting the department.

101. INTRODUCTORY SOCIOLOGY	4
A general survey of the development of sociology as an explanatory discipline with emphasis on the progressive theoretical foundations of the discipline. Subjects such as the interactions between individuals and society, the nature of social groups, and patterns of organization are discussed in the context of increasing sophistication of theory and method. Annually.	
112. SOCIAL PROBLEMS	4
Application of sociological theory and research to selected contemporary social problems. Emphasis is placed on the structural and interactional nature of social issues and personal troubles in an effort to define and interpret pertinent social problems. Annually.	
202. SOCIOLOGY OF THE FAMILY	4
A sociological analysis of marriage and family behavior within contemporary American society. A study of the interactional aspects of marriage and family with major emphasis upon the American middle-class. Annually.	
231. INTRODUCTION TO SOCIAL WORK	4
A survey of casework, group work, community organization, social analysis, intervention, and priority care. Detailed attention will be given to ethics and decision-making in engineered micro-and macro-social change. On demand.	
304. STATISTICS FOR BEHAVIORAL SCIENCE	4
Prerequisite: MATH 104 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation and regression, t-test, and simple analysis of variance. The laboratory will reinforce lecture material and provide practical experience with the statistical techniques using computer applications. Yearly. (Same as PSC 304 and PSY 304)	
305. SOCIAL PSYCHOLOGY	4
Prerequisite: SOC 101 or 112. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction, interest and exchange theory, group dynamics and process, ethnomethodology, and phenomenology. Annually. (Same as PSY 305)	
308. THE SOCIOLOGY OF RELIGION	4
Prerequisite: SOC 101. An investigation of the contribution of religious symbolism and practice to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. On demand. (Same as REL 308)	
310S. URBAN SOCIOLOGY	4
Prerequisite: SOC 101. The study of how cities grow and vary in time and in different cultural contexts. An integration of materials from a variety of disciplines will be used to understand the phenomenon of cities. On demand.	
314S. CRIMINOLOGY	4
Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of crime and the criminal justice system. Emphasis is placed on criminology as an academic discipline, a sociological analysis of the criminal justice system, and adult crime. On demand.	
315. JUVENILE DELINQUENCY	4
Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of the phenomenon of delinquency with an emphasis on the historical development of delinquency in the United States, theoretical explanations, social control theories, and the juvenile court system. On demand.	
316. SOCIETY AND TECHNOLOGY	4
Prerequisites: Any introductory level sociology course. A sociological exploration of the relationships between technology and social life. Among the specific technologies considered are: motor vehicles, clocks, the internet, and television.	
317. RACE AND ETHNICITY	4

Prerequisites: Any introductory level sociology course. An exploration of how race and ethnicity are socially constructed, shaped by culture and social structures. Emphasis is placed on how racial and ethnic categories are consequential for all individuals, regardless of racial or ethnic identity.

354. SEX AND GENDER IN SOCIETY 4

Prerequisite: SOC 101/112 or SOC 202. A sociological exploration of the importance of sex and gender in social life. Topics include the social construction of gender, inequality and discrimination, masculinity and femininity, gendered styles of interaction, and traditional role expectations versus changing roles. On demand.

364. COMPARING CULTURES 4

Prerequisites: SOC 101 or SOC 112. Compares cultures around the world, industrialized and non-industrialized, including hunter-gatherer cultures, and the culture of the American South. Comparisons are made to illustrate cultural variation on phenomena such as time, relationships, property, justice, deviance, and individual autonomy.

395-396. SELECTED TOPICS IN SOCIOLOGY 4

Prerequisites: At least 6 hours in Sociology. A detailed study of specialized topics in sociology not normally covered in regular sociology, social work, and anthropology courses. On demand.

400. INTERNSHIP 4

Students will be placed in a service agency for one semester for a minimum of 3 hours a week. Conferences with faculty will be at least 1 hour every two weeks. Students will be required to write a paper outlining the goals of the agency, an evaluation of how well the goals are being met, and their interpretation of their overall experience. May be repeated for credit.

404S. SOCIOLOGICAL THEORY 4

Prerequisites: At least 6 hours in sociology, junior or senior standing recommended; or by permission of instructor. A survey of classical and contemporary theory in sociology. Among the perspectives addressed: functionalist, conflict, interactionist, feminist, and postmodernist. Primary sources are used. Annually.

415W. METHODS IN SOCIAL RESEARCH 4

Prerequisite: At least 6 hours in Sociology and an approved Statistics course. An examination of the interrelationship of theory, methodology and sociological research techniques. Annually.

473. SENIOR SEMINAR 4

Prerequisite: permission of the instructor. An in depth review of the major areas within the discipline of Sociology with emphasis placed on theory and research. Annually.

491-496. INDEPENDENT STUDY 1-6

Prerequisites: Permission of the department, submission of acceptable proposal, selection of adviser. Advanced library or original research in a well-defined topic of the students' choice, forming a logical part of their academic curriculum. On demand.

199. MODULE STUDIES 3

Special topics offered during the Module.

Theatre

Professor Hooper, *Chair*
 Assistant Professor: Heugatter
 Lecturer: Eddy, Keele

Professor Emeritus: Buseick
Professor Emerita: Folmer
Playwright-in-Residence: Kallenberg

The Theatre and Dance Department offers a curriculum to serve three types of students: those who plan to attend graduate school, those who plan to teach, and those who plan to pursue a career in the profession or to use their training for vocational recreation.

The Theatre and Dance Department provides cultural enrichment for the College and the community through its production schedule, representing a "Theatre With A Purpose." Participation in the productions of the department is open to any student enrolled at Centenary College.

Major Requirements

1. Required for all theatre majors:

• THEA 112 Analysis and Criticism.....	4
• THEA 203 Acting I: Stage Movement.....	2
• THEA 205 Stagecraft.....	4
• THEA 307 History of the Theatre.....	4
• THEA 360 Production I.....	4
• THEA 363 Production II.....	4
TOTAL	22

 2. Choose 8 hours from the following:

• THEA 102 Voice for the Stage.....	2
• THEA 103 Voice for the Stage.....	2
• DANC 101 Beginning Techniques of Dance.....	2
• DANC 201 Intermediate Techniques of Dance.....	2
• THEA 204 Acting II: Improvisation.....	2
• THEA 208 AutoCAD.....	4
• THEA 211 Scriptwriting I.....	4
• THEA 244 Acting III.....	2
• THAE 246 Acting IV.....	2
• THEA 290 Interdisciplinary Studies.....	4
• THEA 308 History of the Theatre.....	4
• THEA 311 Advanced Scriptwriting.....	4

 3. 471: Senior Seminar in Theatre..... 1
- TOTAL 31**

Theatre Minor Requirements

- General Theatre: THEA 111, 204, 205, 307 or 308, 360, 363.
- Technical/Design Emphasis: THEA 111, 205, 208, (360, 363 or 460, 463).
- Directing Emphasis: THEA 111, 205, 203, 360, 363, 460.
- Acting Emphasis: THEA 102, 103, 111, 203, 204, 244, 246, 360, 363.

(THEA)

- 100. THEATRE LABORATORY**..... 0
 Theatre Laboratory is practical experience related to departmental productions. This Laboratory will involve all aspects of technical theatre as well as publicity and front of house training. Offered each semester.
- 102-103. VOICE FOR THE STAGE**..... 2-2
 To be taken in sequence. An intensive year-long study of voice and speech embracing the study of sound production, breathing, projection, and the beginnings of their application to scene work. Offered each semester.
- 111. ORIENTATION TO THE THEATRE**..... 4
 A hands-on approach to studying and performing theatrical text with an emphasis in contemporary theatre, script analysis, monologues, Shakespeare, and improvisation exercises. Fall.
- 112. ANALYSIS AND CRITICISM**..... 4
 Co-requisite THEA 100. An introductory study of form and technique of dramatic literature. Spring.

203. ACTING I: MOVEMENT FOR THE ACTOR..... 2
 Co-requisite THEA 100. An application and exploration of physical training using innovative principles in acting movement. Alternate years.

204. ACTING II: IMPROVISATION FOR THE ACTOR..... 2
 Co-requisite THEA 100. Prerequisite: 203. Foundations of improvisation both as a training tool and an art form in itself. Students will investigate the techniques of improvisation masters and specific ensembles. Alternate years.

205. STAGECRAFT..... 4
 Co-requisite THEA 100. A course in applied arts in staging, lighting, costuming, and scenery. Fall.

208. AUTOCAD 4
 A detailed study of drafting techniques through projects using the AutoCAD platform. Project emphasis will be placed on developing sustainable structures and techniques. Spring.

211. SCRIPTWRITING I 4
 This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce four-5 short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. Same as COMM 211 and ENGL 211.

290. INTERDISCIPLINARY STUDIES..... 4
 This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. 4 year cycle.

303. ACTING III: CONTEMPORARY SCENE STUDIES 2
 Co-requisite THEA 100. Students will develop techniques necessary for an actor to create a living, breathing character through the process of in-class exercises and partner scene work from the canon of contemporary theatrical literature using both historical and contemporary methodologies. Alternate years.

307. HISTORY OF THE THEATRE I 4
 The development of the theatre from its beginning to 1800, including highlights of great dramatists and their works, and of production. Fall.

308. HISTORY OF THE THEATRE II 4
 The development of the theatre from 1800 to the present, including highlights of great dramatists and their works, and of production. Spring.

311. ADVANCED SCRIPTWRITING..... 4
 This course continues and intensifies the writing workshop emphasis of English 211 but with an added emphasis on the critical analysis of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. Same as COMM 311S and ENGL 311S. Fall of odd years.

360. PRODUCTION I..... 4
 Co-requisite THEA 100. Junior Standing. Like minded students dedicated to creating and realizing one act productions and/or short films. Students will be responsible for creation, development, and execution of all elements pertaining to fully realized productions and films including marketing, directing, acting, designs, and design execution. Team Taught. Fall.

363. PRODUCTION II 4
 Co-requisite THEA 100. Prerequisite: THEA 360. Junior Standing. A continuation of like minded students dedicated to creating one act productions and/or short films. Students will be responsible for creation, development, and execution of all elements pertaining to fully realized productions and films including marketing, directing, acting, designs, and design execution. Team Taught. Spring.

405. ACTING IV: CLASSICAL AND HEIGHTENED TEXT..... 2
 Co-requisite THEA 100. Prerequisite: 303. Students will focus on linguistic structure of heightened and classical text and how it reflects, reveals, and expresses the emotional life of the character. Students will examine Shakespeare, Greek, Restoration, Jacobean, Carolinian, Victorian, Comedy of Manners, and more. Alternate years.

444. THE BUSINESS OF SHOW BUSINESS..... 4
 Seminar in theatre, film, and television, including entertainment unions, venues, traditions, taxes, business expectations, and identifying production companies including but not limited to LORT. Students study and produce resumes, headshots, and portfolios as well as develop information packets and job source materials. CA Credit. Alternate years.

460. PRODUCTION III..... 4
 Co-requisite THEA 100. Senior Standing. Like minded students dedicated to creating a main stage production and/or full length film. Senior students will be responsible for creation, development, and execution of all elements pertaining to a fully realized production or film including marketing, directing, acting, designs, and design execution. Team Taught. Fall.

463. PRODUCTION IV	4
Co-requisite THEA 100. Prerequisite THEA 460. Senior Standing. A continuation of like minded students dedicated to creating a main stage production and/or full length film. Senior students will be responsible for creation, development, and execution of all elements pertaining to a fully realized production or film including marketing, directing, acting, designs, and design execution. Team Taught. Fall.	
471-474. SENIOR SEMINAR IN THEATRE	1-4
A specially designed project course to assure senior competency in a student's major discipline.	
483. SEMINAR IN THEATRE	4
Prerequisite: Consent of instructor. Advanced courses arranged for the individual major's requirements.	
491-496. INDEPENDENT STUDY IN THEATRE	1-6
Prerequisites: Junior or senior standing and consent of instructor. Designed for flexibility, this course is offered to meet the need of the individual student. Examples of projects: writing a thesis, mounting a production, developing a course of study, playwrighting, research, and conference. Each semester.	
199. MODULE STUDIES	3
Special topics offered during the Module.	
(DANC)	
101. BEGINNING TECHNIQUES OF DANCE	2
The course examines dance techniques at the beginning level for Jazz, Modern, and Ballet as they relate to theatrical performance. Fall.	
123-124. TAP (BEGINNING)	1-1
Basic tap technique and vocabulary.	
130. DANCE ENSEMBLE	1
Dance production course focusing on all aspects of concert dance performance with the opportunity to perform and choreograph in a variety of styles and techniques. Work in the course will result in public performances on and off campus as Escaped Images Dance Company. Audition required. (Approved as an activities course that can be repeated for credit).	
201. INTERMEDIATE TECHNIQUES OF DANCE	2
Prerequisite: DANC 101. The course examines dance techniques at the intermediate level for Jazz, Modern, and Ballet as they relate to theatrical performance. Spring.	
243-244. TAP (INTERMEDIATE)	2-2
Concentration on riffs, pull-backs, wings, turns, and other specific advanced movements. (Permission of instructor required.)	
301. ADVANCED TECHNIQUES OF DANCE	2
Prerequisite: DANC 101, 201. This course examines dance techniques at the advanced level for Jazz, Modern, and Ballet. Alternate years, Fall.	
327S. DANCE HISTORY I	4
The development of Western theatrical dance from its beginning in the Renaissance Courts of Italy up to the 21st Century. Concentration on classical ballet and modern dance.	
328W. DANCE HISTORY II	4
The history and development of tap, jazz, and musical theatre dance from the late 18th century to the present.	
363-364. TAP (ADVANCED)	2-2
Exploration of various styles of tap such as soft shoe, ballet-tap, and buck-and-wing, with concentration on performance aspects and choreographic uses. (Permission of instructor required.)	
370. CHOREOGRAPHY AND COMPOSITION	4
Methods of choreography and dance notation. Emphasis on theoretical and creative concepts. (Permission of instructor required.) Four year cycle.	
401. DANCE FOR MUSICAL THEATRE	2
Prerequisite: DANC 101, 201. Advanced class in dance as the medium pertains to musical theatre. Alternate years, Spring.	

Trek (TR)

Senior Director, Office of Career Services: Dennis Taylor

Director, Office of Global Engagement: Chris Lavan

The experiential learning opportunities gathered under Trek serve as an interface between our students' academic lives and their lives beyond Centenary as working citizens, as contributors to their own communities, and as members of a global community.

Courses, internships, and research opportunities designated as "experiential" offer personal, meaningful, and distinct experiences that connect classroom learning to practical living. Making such connections transforms learners into thinking doers.

Toward these ends, Trek aims to achieve four main goals. Through the offices of Career Services and Global Engagement, we provide students with opportunities to:

- Integrate experiential learning into our traditional academic context, so that students can link classroom learning with practical application.
- Understand that social interaction is an integral part of education.
- Recognize their roles as citizens and leaders responsible for meeting the challenges of an ever-changing world.
- Realize that personal reflection about their engagement with the world beyond the classroom can lead to real self-knowledge and social awareness.

Career

The Career portion of Trek is designed to help students gain enhanced self-knowledge and social awareness through career and/or graduate school preparation.

Students may satisfy this requirement through coursework on the Centenary campus, professional internships, or directed research activities. The registrar will track students who have earned Career credit by successful completion of the non-credit CA 250; students receiving credit for CA 253 automatically satisfy the requirement of CA 250; students completing approved internships, guided research, or other CA designated courses will also satisfy the requirement of CA 250.

Students may satisfy the CA requirement through any of the following paths:

1. Satisfactory completion of the Career Strategies (CA 253) course.
2. Satisfactory participation in a CA designated internship (CA 251).
3. Satisfactory completion of a CA designated course (ART 400, BUSN 400, FIN 400, ECON 400, ACCT 400, COMM 473, DANC 449, EDUC 430S, EDUC 450S, EDUC 440S, EXSC 223, PSC 208).
4. Satisfactory participation in a CA designated guided research project (CA 251).

Community

Students will engage with serious academic content and personalize their experiences: with various choices for fulfilling this requirement, they can truly explore and serve their community and better connect their service-learning experience with future career goals. The Community (CO) experience will inspire students and provide a model for them, regardless of their careers, to find ways that they might use their education and training for volunteer action in their communities.

Students may satisfy the CO requirement through any of the following paths:

1. Successful completion of an approved service-learning opportunity.
2. Successful completion of a May Module that has been approved for Service-Learning credit.
3. Successful completion of the "Learning Through Community" course, CO 153.
4. Successful completion of a COMMUNITY credit internship opportunity.

Culture

There are many ways to live across the globe; the enlightenment gained through direct interaction with other cultures is one of the keys to complete education. Trek requires an Intercultural Experience of all students — ensuring that they leave Centenary having experienced a culture other than their own.

Students may satisfy the CU requirement through any one of the following paths:

1. Successful completion of an approved International Exchange or Study Abroad opportunity.
2. Successful completion of an approved Independent Culture Project or Independent Module.
3. Successful completion of a May Module that has been approved for Culture credit.
4. Successful completion of six hours of modern language study at or above the 300 level.

Career (CA)

250. CAREER EXPLORATION..... 0
 An exploration of career options. Corequisite of a college-approved course or program designed to satisfy the career requirement

251. INDEPENDENT CAREER EXPLORATION AND INTERNSHIPS 0
 Applied experience in a workplace environment. The program or project must be approved by the Trek Committee and coordinated through the Office of Career Services. A minimum of 80 hours in the workplace is required to satisfy the Career component of Trek.

253. CAREER STRATEGIES..... 2
 This course is designed to increase awareness of the career planning process, explore career choices and expand understanding of the relationship between formal education and the workplace. Emphasis will be placed on self-assessment, career decision-making, undertaking the job search, issues related to hiring and the workplace, and the graduate school admissions process. Every semester.

Community (CO)

151. SERVICE-LEARNING..... 0
 Successful completion of a community service project that is connected to a learning and reflection component. The project must be pre-approved by the Trek Committee. Check with the Director of Global Engagement before beginning this requirement. A minimum of 30 clock hours of approved service-learning is required to receive credit for the program.

153. LEARNING THROUGH COMMUNITY..... 1
 This course is designed to guide students to resources about the opportunities for service that exist in their community, help students discover and share their own skills, gifts and talents for service, as well as empower students to apply their own unique and positive impact on the greater community for social and economic development. Every semester.

Culture (CU)

300. STUDY ABROAD (CREDIT EVALUATED)..... 0
 Centenary-approved enrollment in courses pursued abroad. Credit will be assigned on an individual basis to the appropriate department based on an evaluation of the student's completed course work.

351. INTERCULTURAL EXPERIENCE..... 0
 An introduction to another culture. Corequisite of a college-approved course or program designed to satisfy the intercultural requirement.



TEACH OUT COURSES FROM ANCIENT AND MODERN LANGUAGES:**Latin (LAT)**

- 101-102. ELEMENTARY LATIN** 3-3
An introduction to the syntax and grammar of Classical Latin, with attention to historical, cultural, and literary background. Offered yearly.
- 201. INTERMEDIATE LATIN** 3
Prerequisites: LAT 102 or equivalent. Review and further study of the syntax and grammar of Classical Latin. Attention to historical, cultural, and literary background. Exploration of computerized resources. Offered yearly.
- 202. INTRODUCTION TO LITERARY TEXTS** 3
Prerequisites: LAT 201 or equivalent. Rapid review of the syntax and grammar of Classical Latin. Attention to historical, cultural, and literary background. Survey of Roman literature through readings in Latin of Cicero, Caesar, Catullus, and Virgil. Exploration of computerized resources. Offered yearly.
- 315. THE GOLDEN AGE OF LATIN PROSE** 3
Prerequisites: LAT 201-202 or equivalent. This course consists primarily of the study of selections from Cicero's speeches. The *Pro Archia* and the *First Catiinarian Oration* will be read in their entirety. Portions of other works may be read in English translation. Areas of concentration include Cicero's political role in the years of the Late Roman Republic, his rhetorical techniques, and his use of language. An emphasis throughout the course will be on close reading and discussion of the selected works; in addition, matters of syntax and morphology will be carefully considered. Relatively brief passages from Caesar's *Gallic Commentaries* will be read in Latin for purposes of stylistic comparison. Offered in alternate years.
- 316. VIRGILIAN PASTORAL POETRY** 3
Prerequisites: LAT 201-202 or equivalent. This course examines Virgil's *Eclogues* as a manual of Augustan poetic technique and esthetic. Close readings of all of the *Eclogues* reveal a young and ambitious poet who is sensitive to the poetic tradition in which he writes and who is keenly interested in the relationship of pastoral poetry to the artificial and complex environment of Augustan Rome. Viewing Latin Pastoral Poetry in the light of its Hellenistic models, the course will explore Virgil's particular innovations as he develops a poetic idiom that reaches its full expression in his epic *The Aeneid*. Offered in alternate years.
- 395W,396W. SELECTED TOPICS** 3
Prerequisites: LAT 202 or equivalent. In-depth study of prose authors and poets of the Golden and Silver Ages, such as Cicero, Catullus, Virgil, and Ovid. Attention to historical and cultural background, as well as to literary genres. Exploration of computerized resources. Offered on demand.
- 415. THE POETRY OF CATULLUS** 3
Prerequisites: LAT 201-202 or equivalent. This course consists of the study of the poems in the Catullan corpus. Areas of concentration include the place of Catullus' poetry in the tradition of Roman lyric, amatory, and satiric verse; perspectives on Roman society of the first half of the first century B.C.; the poet's use of language and imagery; and the structural unity of individual poems. Emphasis is placed on close readings of the poems, including treatment of literary issues, as well as of syntax and morphology. Some odes of Horace will also be read and discussed in comparison with Catullan Lyric. Offered in alternate years.
- 416. ROMAN EPIC POETRY** 3
Prerequisites: LAT 201-202 or equivalent. In this course students will read all of Virgil's *Aeneid* in English translation and selected passages in the Latin. The epic will be studied with close attention to the poet's use of language and imagery. A *sine qua non* in our work will be a thorough control of the Latin. Other areas of exploration include a comparison of Virgil's epic technique with that of Homer, the structural and thematic relationships of the books of the *Aeneid*, the poet's use of dactylic hexameter, and his critique of Roman *imperium*. Offered in alternate years.
- 491-493. INDEPENDENT STUDY** 1-3
Prerequisite: Permission of instructor. Advanced study in the Latin writers such as Cicero, Virgil, Ovid, Plautus, Terence, Livy, Sallust, and Lucretius. Individual topics may not be repeated for credit.



- Student Center
- Dean of Student Life
- Residence Life and Housing
- Student Activities

Enrichment Opportunities

The Centenary Mentor Program

In keeping with its traditional quest for academic excellence, Centenary College has instituted a special program for gifted students who are dedicated scholars. These students will be groomed for such awards as Rhodes, Rotary, and Fulbright Scholarships, and for prestigious graduate school fellowships. Those interested in this program may select specific faculty members as their mentors and, if approved, will work as proteges and junior colleagues on special scholarly and professional projects. Further information is available through the Dean of the College.

In keeping with its aim to provide breadth as well as depth in the student's academic experience, Centenary offers a variety of off-campus, exchange, travel, and field study programs. Additional information on any of the following may be obtained from the Provost of the College.

Foreign Exchanges

Centenary offers a variety of educational exchanges for one or two semesters abroad. These educational exchanges provide a cost-effective way to study abroad because the student's financial aid package applies to the cost of tuition during the semester(s) abroad. Centenary students may apply for an international travel grant to help offset the cost of the international air ticket. Participating institutions include: University of Applied Science, Dresden, Germany; University of Aarhus, Denmark; Aarhus School of Business, Denmark; Catholic University of Lille, France; Lingnan University, Hong Kong; University of Guanajuato, Mexico; Queens University, Belfast, Ireland; University of Ulster, Ireland; St. Mary's University, Belfast, Ireland; Belfast Institute of Further and Higher Learning, Ireland. Contact the Office of Intercultural Affairs for more information.

MICEFA Exchange

Mission Interuniversitaire de Coordination des Echanges Franco-Américains exchange program provides students a unique opportunity to attend classes at participating French universities in Paris, Toulouse, or Lille, including participation in a three week orientation session. This exchange offers another cost-effective way to study abroad because the student's financial aid package applies to tuition during the semester abroad. Centenary students may apply for an international travel grant to help offset the cost of the international air ticket. For more information, contact Dr. Dana Kress or the Office of Intercultural Affairs.

British Studies at Oxford Program

Centenary's membership in the Associated Colleges of the South (ACS), an educational consortium, enables Centenary students to participate in the British Studies at Oxford program during the summer. Each year a different period of Britain's historical and cultural development is studied under the direction of some of England's leading scholars. Students live and study at St. John's College, Oxford, and have the opportunity to travel throughout Great Britain. Students who successfully complete this program receive course credit from Centenary. For more information, contact the Office of Intercultural Affairs.

The Intercollegiate Center for Classical Studies in Rome, Italy

Centenary College is a member of a consortium of American and Canadian colleges and universities that offer instruction in Classical Studies. Applications for the Spring term are due by October 31st and applications for the Fall term are due by April 15th. Contact Dr. Stephen Clark in the Ancient and Modern Languages department or the Office of Intercultural Affairs.

Oak Ridge Semester

A fall semester of study and research at the Oak Ridge National Laboratory is available to qualified upper class majors in mathematics, and physics, through the Associated Colleges of the South. Students selected for the program receive free housing and a stipend that can be applied toward tuition and other expenses.

CODOFIL

Centenary College is a member of the Consortium of Louisiana Universities and Colleges of CODOFIL (the Council for the Development of French in Louisiana). The Consortium sponsors a variety of summer study programs in Belgium, Canada, France and Senegal. Centenary students regularly receive scholarships for these month-long programs from the French, Belgian, and Canadian governments. Academic credit earned in this way is accepted as "in residence" semester hours by Centenary. Preference is given to French Liberal Arts and French Education major. Centenary students may apply for an international travel grant to help offset the cost of the international air ticket. For more information, contact Dr. Dana Kress or the Office of Intercultural Affairs.

Washington Semester Program

Selected students are permitted to spend one semester of their junior year at the School of Government and Public Administration of the American University in Washington, D.C. The purposes of the program are to provide an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from other institutions. Participating students work on an individual project selecting three courses to complete the program. Projects and courses are chosen in consultation with the faculty adviser, and full credit for the semester is granted by Centenary.

OTHER EDUCATIONAL RESOURCES

The Center for Economic Education

Centenary College is one of eight economics education centers in the Louisiana Council for Economic Education network. The Louisiana Council is a member of the National Council on Economic Education which promotes **EconomicsAmerica**.

The purpose of the Centenary Center is to work with the National Council, the Louisiana Council, and local school districts to coordinate workshops and seminars. These workshops and seminars assist teachers in their understanding of economic terms and the current economic issues which may develop as they teach their courses. The Center also distributes economics education programs developed through EconomicsAmerica to local teachers who wish to integrate them into their existing curriculum.

The Center for Family-Owned Business

The mission of Centenary's Center for Family-Owned Business is to develop programming relevant to the continuity and health of the family business within our region of the south. The education and training programs offered the Center focus on strategic planning, growth strategies, succession planning, and the legal, management, and financial issues that are unique to the family-owned enterprise. The Center creates and nurtures a network for family business members to meet, share, and act on problems and opportunities. In addition, the Center serves to recognize the vital role that the family-owned enterprise plays in our economy. Three core programs are presented to the members of The Center for Family-Owned Business each year. Contact The Frost School of Business, Office of the Dean.

The Center for Management Development

The Center for Management Development at Centenary College conducts seminars of interest for the business community on such topic as effective leadership, business planning, strategic planning, and venture funding. The Center also provides custom training programs and consulting for regional businesses. Contact The Frost School of Business, Office of the Dean.

Energy Business Center

Centenary College has a distinguished history of educating students who have become leaders in the oil and gas industry. The launch of the Energy Business Center at Centenary College reinforces our commitment to provide both "thought leadership" in this area and to prepare our students for the ever expanding challenges faced by the energy industry. While our location in the heart of one of the nation's largest gas plays provides a natural laboratory for students and faculty, the Center's programs address all forms of energy including traditional oil and gas, nuclear, wind, solar, biomass, and bio-fuels.

Our Mission:

- To create and promote a cutting-edge knowledge base about the energy industry, management, and energy related issues.
- To tackle important questions and problems facing the energy industry today.
- To stimulate innovative energy research projects within the business school and natural sciences division at Centenary
- To use this knowledge to teach and develop expertise in our students and industry professionals who, in turn, will enhance practices within the energy industry.



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 Jennifer McBride, Administrative Assistant to the Controller
 Monica Powell, Associate Bursar and Federal Perkins Loan Officer
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(The date in parentheses indicates the first appointment to the Faculty.)

- Kenneth L. Aizawa***Charles T. Beaird Professor of Philosophy*
B.A., University of Chicago, 1983; M.A., 1988, Ph.D. 1989,
University of Pittsburgh. (1995)
- Bruce Allen***Professor of Art and Chair of the Department*
B.A., 1975, B.S., 1977, Centenary College; M.F.A., University of
Wyoming, 1981. (1983)
- Shelley Armstrong***Cross Country Coach*
B.S., 2000, M.A.T., 2003, Centenary College; Ph.D., Texas Woman's
University, 2007. (2004)
- A. Edward Ball***Lecturer in Accounting*
B.S., 1988, J.D., Louisiana State University, 1991. (1998)
- Mary B. Beene***Adjunct Professor, Program Director of Medical
Technology and Chair of the Department*
B.S., Louisiana State University, 1971; M.H.S., Louisiana State
University, 1994. (1999)
- David B. Bieler***Associate Professor of Geology
and Chair of the Department*
A.B., Oberlin College, 1971; A.M., Dartmouth College, 1974; Ph.D.,
University of Illinois, 1983. (1988)
- Ernest W. Blakeney, Jr.***Albert Sklar Eminent Scholars
Chair in Chemistry*
B.S., Spring Hill College, 1960; M.S., Mississippi State University,
1970; Ph.D., University of Texas at Austin, 1972. (1985)
- M. Katherine Brandl***Associate Professor of Mathematics*
B.A., University of California, Santa Cruz, 1995; M.S., 1997; Ph.D.,
2001, University of Oregon. (2001)
- Kathryn Brodnax***Lecturer in Art*
B.A., Centenary College, 1981. M.A., Northwestern State University,
2002. (2000)
- Leslie Brice***Lecturer in Education*
B.S., 1987; M.S., 1996, Texas Christian University. (2010)
- David P. Brownholland***Assistant Professor of Chemistry*
B.A., B.S., University of California, Santa Cruz, 2002; Ph.D. Purdue
University, 2008. (2010)
- Greg Q. Butcher***Associate Professor of Neuroscience*
B.S., Psychology, 2000, B.S., Zoology, 2001, University of Wyoming;
Ph.D., The Ohio State University, 2006. (2006)
- Cristina Caldari-Farren***Assistant Professor of Biology*
B.S., Universidad de Puerto Rico, 2002; M.S. 2005; Ph.D., 2009,
University of Florida. (2011)
- Scott E. Chirhart***Associate Professor of Biology
and Chair of the Department*
B.S., Southwestern University, 1998; Ph.D., Texas A&M University,
2003. (2003)
- Harold R. Christensen** *Professor of Economics and Director of
the Economic Education Center*
B.A., 1971, M.S., 1975, Ed.D., 1979, Oklahoma State University.
(1980)
- Christopher S. Ciocchetti***Associate Professor of Philosophy
and Chair of the Department*
B.Phil, Cornell College, 1995; M.A., 1997, Ph.D., 2000, University
of Kentucky. (2001)
- Laura Crawford***Lecturer in Music and Director
of the Suzuki Violin School*
B.M., 1975, M.M., 1976, University of Texas. (1980)
- Barbara J. Davis***Samuel Guy Sample Professor
of Business Administration*
B.S., 1977, M.B.A., 1984, Louisiana State University in Shreveport;
C.P.A.; C.I.A.; C.F.A.; D.B.A., Louisiana Tech University, 1995. (1986)
- Loren Demerath***Associate Professor of Sociology
and Chair of the Department*
B.A., University of Massachusetts, Amherst, 1986; M.A., 1992,
Ph.D., 1995, Indiana University. (1997)
- Spencer Dew***Assistant Professor of Religious Studies*
B.A., College of Wooster, 1997; Ph.D., University of Chicago
Divinity School, 2009. (2012)
- Betsy Bingham Eaves***Chaplain*
B.A., Centenary College of Louisiana, 1978; M.Div., Garrett-
Evangelical Theological Seminary, 2010. (2002)
- Luke Eddy***Lecturer in Theatre*
B.A., Marietta College, 2005; M.F.A., University of Houston, 2007.
(2011)
- Horace C. English***Professor of Music*
B.M., Shorter College, 1962; M.C.M., New Orleans Baptist Theologi-
cal Seminary, 1964; D.M., Florida State University, 1969. (1984)
- Chad R. Fulwider***Assistant Professor of History*
B.A., East Tennessee State University, 1998; M.A., Florida Inter-
national University, 2000; Ph.D., Emory University, 2008. (2009)
- Todd Gabriel***Associate Professor of Music*
B.M., The Juilliard School, 1980; M.M., Louisiana State University,
1984; D.M.A., University of Arizona, 2003. (2003)
- Bill Gingles***Lecturer in Art*
B.A., Northwestern State University, 1979. (2010)
- Michelle Glaros***Biedenharn Eminent Scholars
Chair of Communication*
B.A., University of North Florida, 1988; M.A., 1991; Ph.D.,
University of Florida, 1996. (2003)
- Mark Goadrich***Broyles Assistant Professor
of Computational Mathematics*
B.A., Kenyon College, 1998; M.S., 2000; Ph.D., 2007, University of
Wisconsin-Madison. (2007)
- O.A. Griffey, III***Lecturer in Business*
B.S.B.A., University of Tulsa, 1964; M.B.A., Centenary College, 1997.
(1999)
- Gay Grosz***Collaborator Artist in Residence*
B.M., Centenary College, 1990; M.M., 2000; D.M.A., 2009,
Louisiana State University. (2006)
- Jeanne Hamming***Associate Professor of English
and Chair of the Department*
B.A., Grand Valley State University, 1995; M.A., 1997; Ph.D., 2003,
West Virginia University. (2003)
- Amy J. Hammond***Assistant Professor of Psychology*
B.A., University of California, 1991; M.A., Rice University, 1996;
M.A., 2003, Ph.D. 2005, University of Chicago. (2000-04) (2006)
- David Long Havird***Professor of English*
B.A., 1974, M.A., 1976, University of South Carolina; Ph.D., Univer-
sity of Virginia, 1986. (1988)

- Jessica Hawkins** *Assistant Professor of Communications*
B.S., Harding University, 2004; M.F.A., Louisiana Tech University, 2011. (2011)
- Sara Hebert** *Lecturer in Art*
B.A., Centenary College, 2006; M.A., University of Denver, 2008. (2009)
- Michael R. Hemphill** *Provost & Dean of the College and Professor*
B.A., University of Arkansas at Little Rock, 1977; M.A., 1978; Ph.D., 1981, University of Iowa. (2010)
- Fredric Jefferson Hendricks** *Professor of English*
B.A., Centenary College, 1975; M.A., 1976, Ph.D., 1983, University of Illinois. (1983)
- Emily Heugatter** *Assistant Professor of Theatre*
B.F.A., University of Utah, 2003; M.F.A., DePaul University, 2006. (2007)
- David J. Hoas** *Professor of Economics*
B.S., Bemidji State University, 1982; M.A., 1983, Ph.D., 1986, Duke University. (1986)
- David A. Hobson** *A.C. "Cheesy" Voran Choir Director of the Centenary College Choir*
B.M., Centenary College, 1998; M.S.M., Emory University, 2003; D.M.A., Louisiana State University, 2010. (2007)
- Don Hooper** *Professor of Theatre and Speech and Chair of the Department*
B.S., East Texas State University, 1980; M.F.A., Southern Illinois University, 1982. (1987)
- Sally Horak** *Lecturer in Music*
B.M., Cleveland Institute of Music, 1971. (1990)
- Peter A. Huff** *T.L. James Associate Professor of Religion*
B.A., Mercer University, 1980; M. Div., Southern Baptist Theological Seminary, 1984; Ph.D. Saint Louis University, 1994. (2001)
- Thomas Hundemer** *Lecturer in Music*
B.M., University of Southern Mississippi, 1976; M.A., University of Iowa, 1978. (1988)
- Sylvia Jones** *Education Coordinator, MTASCP*
B.S., Northeast Louisiana University, 1956; M.S., Louisiana Tech University, 1970. (1979)
- William Joyce** *Artist-in-Residence*
B.A., Southern Methodist University, 1981. (2002)
- Kent Judkins** *Lecturer in Art*
B.F.A., University of Washington, 1981; M.A., California State University-Hayward, 1998. (2006)
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B.A., Columbia University, 2003. (2005)
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B.A., Centenary College, 1992; J.D., Louisiana State University, 1996. (2008)
- James King** *Lecturer in Art*
B.S., Louisiana State University, 1997; M.F.A., Louisiana Tech University, 2007. (2011)
- Dana Kress** *Professor of French and Chair of the Department*
B.A., University of Tennessee, Knoxville, 1976; M.A., University of Tennessee, 1985; Ph.D., Vanderbilt University, 1992. (1992)
- Joshua D. Lawrence** *Associate Professor of Chemistry and Chair of the Department*
B.S., Rhodes College, 1998; Ph.D., University of Illinois at Urbana-Champaign, 2002. (2005)
- Beth E. Leuck** *Mary Amelia Douglas-Whited Eminent Scholars Chair in Neurobiology*
B.S., Michigan State University, 1973; M.S., 1975, Ph.D., 1980, University of Oklahoma. (1980)
- Edwin E. Leuck II** *Mary Warters Chair of Biology*
B.S., Michigan State University, 1973; M.S., 1975, Ph.D., 1980, University of Oklahoma. (1980)
- Aubrey A. Lurie** *Adjunct Professor, Medical Director of Medical Technology, Pathologist*
F.F. Path., College of Medicine of South Africa, 1966; M.B.B.Ch., University of Witwatersrand, 1959. (1989)
- Christopher Lee Martin** *Rudy and Jeannie Linco Eminent Scholars Chair of Business Administration and Dean of the Frost School of Business*
B.S., Vanderbilt University, 1981; M.A. Southern Methodist University, 1983; Ph.D., Georgia Institute of Technology, 1987. (2001)
- Troy C. Messina** *Gus Wortham Chair of Engineering*
B.S., 1996, M.A., 1999, Ph.D., 2002, University of Texas at Austin. (2007)
- Maureen Murov** *Associate Professor of Spanish*
B.A., Smith College, 1992; M.A., 1994; M. Phil., 1996, Ph.D., 1998, Yale University, (1999)
- Matthew B. Murphy** *Assistant Professor of Political Science*
A.B., Princeton University, 1991; M.A., Georgetown University, 1994. (2012)
- George Newtown** *Professor of English*
B.A., University of Arkansas, 1969; M.Phil., 1972, Ph.D., 1979, Yale University. (1990)
- Lisa J. Nicoletti** *Professor of Art*
B.A., Augsburg College, 1990; M.A. (English) University of Minnesota, 1993; M.A. (Art History) (1994), Ph.D., University of Wisconsin-Madison, 1999. (1999)
- Gale J. Odom** *Professor of Music and Dean of the Hurley School of Music*
B.M., North Texas State University, 1975; M.M., Indiana University, 1978; D.M.A., University of North Texas, 1991. (1978)
- David D. Otto** *Crawford Chair of Liberal Arts and Chair of the Department*
B.A., Centenary College, 1983; M.A., Scarritt Graduate School, 1985; Ed.D., Vanderbilt University, 1990. (1990)
- Christopher M. Parker** *Assistant Professor of Political Science*
B.A., Colgate University, 2005; M.A., 2008, Ph.D., 2011, Stony Brook University. (2011)

- Elizabeth L. Rankin***Professor of Economics*
B.S., Auburn University, 1978; M.A., 1980, Ph.D., 1983, Virginia Polytechnic Institute and State University. (1988)
- Joy F. Ratcliff***Lecturer in Music*
B.M., Centenary College, 1977, M.A., San Jose State University, 1981 (1986)
- Juan R.G. Rodriguez***Cornelius D. and Florence Gillard Keen Chair of Physics and Chair of the Department*
B.S., Centenary College, 1980; Ph.D., University of Arkansas, 1986. (1990)
- Dominic Salinas***Director of Education and Chair of the Department*
B.S., Louisiana State University-Shreveport, 1977; M.S., Louisiana Tech University, 1982; Ed.D., Vanderbilt University, 1982; Ph.D., Vanderbilt University, 1998. (2010)
- Mark D. Schlatter***Associate Professor of Mathematics*
B.A., Rice University, 1987; Ph.D., University of California at Berkeley, 1995. (1998)
- Kenneth L. Schwab***Professor of Education and President Emeritus*
B.S., Purdue University, 1969; M.Ed., University of North Carolina-Greensboro, 1972, Ed.D., Indiana University, 1978. (1991)
- Joseph L. Shea***Lecturer in Business*
B.A., Tulane University, 1974; J.D., Louisiana State University, 1978. (1998)
- Steven R. Shelburne***Professor of English*
B.A., Furman University, 1978; M.A., Claremont Graduate School, 1979; Ph.D., University of Connecticut, 1987. (1989)
- Samuel C. Shepherd, Jr.***Professor of History*
B.A., University of Delaware, 1970; M.A., 1972; Ph.D., 1980, University of Wisconsin. (1980)
- Helen B. Sikes***Professor of Accounting*
B.S., Louisiana State University-Shreveport, 1984; C.P.A., 1984; M.B.A., Louisiana Tech University, 1989; C.M.A., 1991; D.B.A., Louisiana Tech University, 1995. (1990)
- Ross E. Smith***Associate Professor of Music*
B.M., Brigham Young University, 1992; M.M., 1994, D.M.A., 1997, The University of Michigan. (1997)
- Karen Soul***Associate Professor of Education and Associate Provost*
B.A.S., University of Minnesota Duluth, 1994; M.Ed., 1998; Ph.D., University of Texas at Austin, 2005. (2003)
- Jennifer K. Strange***Lecturer in English*
B.A., Centenary College, 1999; M.F.A., University of Florida, 2001. (2001)
- Lea Beaty Stroud***Lecturer in Business*
B.S., Louisiana Tech University, 1979; J.D., Tulane University, 1992. (2000)
- Chandler Teague***Lecturer in Music*
B.M., Centenary College, 1974. (1979)
- David E. Thomas***Professor of Mathematics and Chair of the Department*
B.S., Southeastern Louisiana University, 1969; M.S., 1973, Ph.D., 1974, Tulane University. (1974)
- Thomas M. Ticich***Velma Davis Grayson Chair of Chemistry*
B.S., Cook College, Rutgers University, 1982; Ph.D., University of Wisconsin, 1988. (1994)
- Scott Vetter***William C. Woolf Professor of Geology*
B.S., Millersville University, 1981; M.S., North Carolina State University, 1984; Ph.D., University of South Carolina, 1989. (1989)
- Kelly Pledger Weeks***Associate Professor of Business*
B.A., Rhodes College, 1992; M.S., 1998; Ph.D., 2002, The University of Memphis. (2002)
- Raymond Matthew Weeks***James Eminent Scholars Chair in Psychology and Chair of the Department*
B.S., Kentucky Wesleyan College, 1996; M.S., 1998; Ph.D., 2001, The University of Memphis. (2002)
- Jonathan E. Westfall***Visiting Assistant Professor of Psychology*
B.A., The University of Akron, 2004; Ph.D., The University of Toledo, 2009. (2012)
- Michelle J. Wolkomir***Professor of Sociology*
B.A., Dickinson College, 1988; M.A., 1991; Ph.D., 1999, North Carolina State University. (2000)
- Christy J. Wrenn***Instructor and Director, Magale Library*
B.A., Louisiana Tech University, 1975; M.L.S., Louisiana State University, 1979. (1982)
- Gary R. Young***Registrar, Director of Institutional Research and Assistant Professor*
B.A., Northwestern Oklahoma State University, 1969; Th.M., Dallas Theological Seminary, 1973; Ph.D., University of Texas at Arlington, 1985. (1989)
- Theresa Zale***Lecturer in Music*
B.M., Northwestern University, 1985; M.M., Eastman School of Music, 1988. (1990)

Endowed Chairs

The Cornelius D. and Florence Gillard Keen Chair of Physics

In 1972, the Keen Chair of Physics was endowed by Dr. Cornelius D. and Florence Gillard Keen as a testimony of their belief in superior liberal arts education.

The T. L. James Chair of Religion

In 1975, T. L. James and Company, Inc. of Ruston, Louisiana, endowed a Chair of Religion in memory of T. L. James, a long-time supporter of Centenary College and the United Methodist Church.

The Gus S. Wortham Chair of Engineering

The Gus S. Wortham Chair of Engineering was established in 1977 by the Brown Foundation of Houston in honor of Gus S. Wortham, a Houston business and civic leader.

The William C. Woolf Chair of Geology

The William C. Woolf Chair of Geology was established in 1978 by the Woolf Foundation of Shreveport. The Trustees of the Foundation requested that the Chair be named in honor of the late William C. Woolf, Shreveport oilman and civic leader.

The Willie Cavett and Paul Marvin Brown, Jr., Chair of English

In 1980, the Willie Cavett and Paul Marvin Brown, Jr., Chair of English was endowed by Mr. and Mrs. Paul M. Brown, Jr., as an expression of their commitment to church-related higher education.

The Samuel Guy Sample Chair of Business Administration

The Samuel Guy Sample Chair of Business Administration was established in 1983 by members of Mr. Sample's family in his honor. Mr. Sample was a pioneer in the early twentieth-century business world of North Louisiana.

The Mary Warters Chair of Biology

The Mary Warters Chair of Biology was established in 1984 by friends and former students of Dr. Warters, including many physicians and dentists who wished to recognize the excellence she exhibited in her teaching.

The Ed and Gladys Hurley Chair of Music

The Ed and Gladys Hurley Chair of Music was endowed by a trust fund in 1984. This Chair epitomized the generous support and leadership of the Hurleys over many years in their relation to Centenary's Hurley School of Music.

The George A. Wilson Chair of American Literature

The George A. Wilson Chair of American Literature was endowed in 1988 by a trust fund from the late George A. Wilson, a Centenary Alumnus, and the Eminent Scholars Fund from the State of Louisiana.

The Velma Davis Grayson Chair of Chemistry

The Velma Davis Grayson Chair of Chemistry was endowed in 1988 by a bequest of the late Velma Davis Grayson, and by a grant from the Eminent Scholars Fund from the State of Louisiana.

The Caroline and Ed Crawford Chair of Liberal Arts

The Chair of Liberal Arts was established in 1989 to provide enhancement, promotion, and support of liberal education. The endowment was made possible by the Crawford family and the Eminent Scholars Fund from the State of Louisiana.

The Mattie Allen Broyles Inaugural-Year Chair

The Mattie Allen Broyles Inaugural-Year Chair was established in 1994 by Mr. and Mrs. Harvey Broyles with the support of a grant from the Eminent Scholars Fund of the State of Louisiana. In commemorating Mr. Broyles' mother, the donors wished to assist the college in recruiting faculty of the highest caliber by supporting a rotating chair that would help new professors establish their research programs at Centenary College.

The Arthur and Emily Webb Professor of International Studies

The Arthur and Emily Webb Professor of International Studies was instituted in 1994 by Mr. and Mrs. Harvey Broyles with the support of a grant from the Eminent Scholars Fund of the State of Louisiana. The chair honors the parents of Donald Webb, President Emeritus of Centenary College, and on a rotating basis supports visiting faculty from both within and outside of higher education in teaching and research related to international studies.

The Charles T. Beard Chair of Philosophy

The Charles T. Beard Chair of Philosophy was inaugurated in 1993 by Dr. Charles T. Beard, Shreveport businessman, journalist, and teacher of philosophy, in an expression of his high esteem for the discipline of philosophy and his recognition of its centrality in a liberal arts education. While focusing on philosophy as a primary mission, the chair has a secondary focus on mathematics and/or the sciences and seeks to develop linkages and innovative programs with those disciplines.

The Rudy and Jeannie Linco Eminent Scholars Chair of Business Administration

The Rudy and Jeannie Linco Eminent Scholars Chair of Business was established in 1995 with a bequest from the Estate of Mr. and Mrs. A.J. "Rudy" Linco and a grant from the Eminent Scholars Fund of the State of Louisiana. In memory of the Lincos' entrepreneurial successes.

The Allen Harvey Broyles Eminent Scholars Chair of Computer Science and Mathematics

The Allen Harvey Broyles Eminent Scholars Chair of Computer Science and Mathematics was established in 1995 by Alberta Broyles in memory of her late husband, and with the support of a grant from the Eminent Scholars Fund.

The Mary Amelia Douglas-Whited Eminent Scholars Chair in Neurobiology

The Mary Amelia Douglas-Whited Eminent Scholars Chair in Neurobiology was established in 1996 by Edwin F. Whited in memory of his late wife, philanthropist and civic leader, and with the support of a grant from the Louisiana Board of Regents Eminent Scholars Fund.

The R.Z. Biedenharn Eminent Scholars Chair in Communication

The Biedenharn family established the R.Z. Biedenharn Eminent Scholars Chair in Communication in honor of civic and business leader R. Zehner Biedenharn. The Louisiana Board of Regents matched the Biedenharns' gift in 1999 as one of the first super chairs in the state, funded at twice the amount of most endowed chairs.

The Bill and Sarah James Eminent Scholars Chair in Psychology

The Bill and Sarah James Eminent Scholars Chair in Psychology was established in 2001 through an endowment provided by their family and an award from the Louisiana Board of Regents Support Fund Endowed Chairs Program. Bill and Sarah James of Ruston are remembered as servant-leaders who improved many lives through their works.

The Albert Sklar Eminent Scholars Chair in Chemistry

The Albert Sklar Eminent Scholars Chair in Chemistry was established in 2001 through an endowment provided by the Sklar family and an award from the Louisiana Board of Regents Support Fund Endowed Chairs Program. Albert Sklar of Shreveport was an astute businessman who figured prominently in the advancement of Centenary College and the Shreveport-Bossier community.



Professors Emeriti

- Will K. Address***Director Emeritus of Centenary College Choir*
B.M., Centenary College, 1961; B.C.M., Southern Baptist Seminary, 1963; M.M., East Carolina University, 1969; D.M., Florida State University, 1971. (1974-2007)
- Robert P. Bareikis***Professor Emeritus of German*
A.B., Harvard College, 1959; Ph.D., Harvard University, 1966. (1992-2003)
- Mary L. Barrett***Professor Emerita of Geology*
B.S., 1978, M.S., 1980, Stephen F. Austin State University; Ph.D., Johns Hopkins University, 1987. (1992-2007)
- David L. Bedard***Professor Emeritus of Health and Exercise Science*
B.S., 1968, M.Ed., 1972, Northwestern State University of Louisiana; Ed.D., East Texas State University, 1981. (1981-2005)
- Susan A. Brayford***Professor Emerita of Religious Studies*
B.A., Thiel College, 1968; M.A.R., 1994, Ph.D., 1998, Iliff School of Theology. (1998-2011)
- Robert R. Buseick***Professor Emeritus of Theatre and Speech*
B.S., Eastern Oregon College, 1955; M.F.A., University of Portland, 1964. (1969-2005)
- J. Stephen Clark***Professor Emeritus of Classics and French*
B.A., Yale University, 1976; M.A., 1985, Ph.D., 1988, The University of Iowa. (1988-2011)
- L. Hughes Cox***Professor Emeritus of Philosophy*
A.B., Wabash College, 1953; S.T.B., Boston University, 1956; M.A., 1959, Ph.D., 1963, Yale University. (1967-2001)
- Ronald E. Dean***Professor Emeritus of Music*
B.A., Williams College, 1954; M.M., University of Michigan, 1957. (1960-2002)
- James C. Farrar**.....*Professor Emeritus of Health and Exercise Science*
B.S., Louisiana Tech University, 1953; M.S., University of Arkansas, 1961; Ed.D., Northwestern State University of Louisiana, 1975. (1977-2000)
- Ginger D. Folmer***Professor Emerita of Dance*
B.A., Centenary College, 1964; M.A., Syracuse University, 1967. (1975-2008)
- Rodney Arthur Grunes***Professor Emeritus of Political Science*
A.B., Drew University, 1963; A.M., 1967, Ph.D., 1972, Duke University. (1986-2011)
- Dorothy Bird Gwin***Professor Emerita of Education and Psychology*
B.B.A., 1954, M.S., 1955, East Texas State University; Ed.D., University of Kansas, 1958. (1967-1997)
- Alton O. Hancock***Professor Emeritus of History*
A.B., Centenary College, 1954; B.D., 1957, Ph.D., 1962, Emory University. (1964-1997)
- Earle Labor***Professor Emeritus of English*
B.A., 1949, M.A., 1952, Southern Methodist University; Ph.D., University of Wisconsin, 1961. (1955-62; 1966-2008)
- Victoria A. LeFevers***Professor Emerita of Health and Exercise Science*
B.S.E., Southern Arkansas University, 1968; M.A., 1969, Ph.D., 1971, Texas Woman's University. (1982-2008)
- A. Bradley McPherson**.....*Professor Emeritus of Biology*
B.S., Southeastern Louisiana College, 1960; M.S., Louisiana State University, 1967; Ph.D., Southern Illinois University, 1971. (1971-2003)
- Lee Morgan***Professor Emeritus of English*
B.A., Hendrix College, 1949; M.A., University of Tennessee, 1950; Ph.D., University of Florida, 1954; LL.D., Centenary College of Louisiana, 2008. (1954-1997)
- Douglas W. Morrill***Associate Professor of Economics*
A.B., Oberlin College, 1938; A.M., University of Chicago, 1940; Ph.D., Indiana University, 1976. (1977-1986)
- Arnold M. Penuel***Professor Emeritus of Spanish*
B.A., University of Tennessee, 1958; M.A., University of the Americas, 1963; Ph.D., University of Illinois, 1968. (1972-1999)
- Barrie Richardson***Professor Emeritus of Business Administration*
B.A., Carleton College, 1955; M.B.A., 1956, D.B.A., 1962, Indiana University. (1983-2001)
- Rosemary Seidler***Professor Emerita of Chemistry*
B.S., Loyola University, 1961; Ph.D., Tulane University, 1966. (1966-2005)
- Nolan G. Shaw***Professor Emeritus of Geology*
A.B., Baylor University, 1951; M.S., Southern Methodist University, 1956; Ph.D., Louisiana State University, 1966. (1955-1985)
- Betty McKnight Speairs***Professor Emerita of Mathematics*
A.B., 1946, M.A., 1947, Southern Methodist University; D.Sc., Centenary College of Louisiana, 2007. (1947-1987)

- Robert Ed Taylor***Professor Emeritus of Religion*
 A.B., Centenary College, 1952; M.Div., 1955, S.T.M., 1970, Southern Methodist University; D.Min., Austin Presbyterian Theological Seminary, 1989. (1961-1996)
- Stanton A. Taylor***Professor Emeritus of Chemistry*
 B.S., Northwestern University, 1949; M.S., Iowa State University, 1955; Ph.D., University of Oklahoma, 1965. (1961-1994)
- William C. Teague***Professor Emeritus of Music*
 B.M., Curtis Institute of Music, 1948. (1948-1992)
- Jeffrey F. Trahan***Professor Emeritus of Physics*
 B.S., Tulane University, 1963; M.S., 1969, Ph.D., 1972, Louisiana State University. (1972-2007)
- Donald A. Webb***President Emeritus of the College*
 B.A., Ohio Wesleyan University, 1960; M.Div., Methodist Theological School, 1963; Ph.D., Drew University, 1966. (1977-1991)
- Don C. Wilcox***Professor Emeritus of Business*
 B.S., Nicholls State University, 1961; M.A., Louisiana State University, 1962; D.B.A., Mississippi State University, 1969. (1989-2001)



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Visitors are welcome at Centenary College. The Office of Admission is open from 8:00 a.m. until 4:30 p.m. on weekdays. Visitors should write or telephone well in advance for appointments during these hours. Special appointments may also be made in advance for Saturday mornings.

The Centenary campus is located two miles south of downtown Shreveport. The Shreveport Regional Airport has regularly scheduled flights on American, Continental, Delta, United, and Allegiant. Intercity bus transportation is provided by Trailways Intercity Bus System, intra-city bus transportation by the Sportran Transit System.

For further information write to the Office of Admission at:

Centenary College of Louisiana
 2911 Centenary Blvd.
 Shreveport, Louisiana 71104
www.centenary.edu

The telephone numbers of the Office of Admission are 318.869.5131 and 800.234.4448.