

DEPARTMENT OF DRAMA AND SPEECH

CHAIR: Georgia C. Gresham, M.F.A.

OFFICE: 312 Marquette Hall

PROFESSORS: Donald V. Brady, Ernest C. Ferlita, S.J., Georgia C. Gresham

EXTRAORDINARY FACULTY:

LECTURERS: Francine Segal

The Jesuit tradition in drama and speech goes back to the very beginning of the order's educational activities. In the Jesuit school theatre, "the attempt was made for the first time to use the stage, not as the Humanists had used it, mainly for the sake of teaching Latin, but as a formative influence on the student's entire personality."¹ At the same time, no element of the dramatic arts was left unexplored, so that the spoken word, while retaining its importance, took its place alongside of mime, music and spectacle. It is not surprising, therefore, that a number of leading dramatists began the development of their art through contact with the Jesuit stage—Molière, Corneille, and Voltaire in France; Lope de Vega, Calderón de la Barca, and Tirso de Molina in Spain.

The faculty of the Department of Drama and Speech attempt to help students discover and develop their creative skills in theatre and speech arts. The faculty guide the students to develop sufficient knowledge of the whole of the theatre experience through courses and department productions. Each student participates and takes courses in all segments of drama. Those segments are: performance skills, dramatic literature, history and theory, theatre management, theatrical technology and design. Each student is given a foundation of learning through a core of required major courses. One of these is the foundation course Dramatic Imagination (DRAM A107) designed to introduce the student to dramatic theory and process. Drama and speech students have the opportunity to expand skills in a primary area of interest at an advanced level via the selection of department electives, adjunct courses and production participation.

The department administers three degree programs, a bachelor of arts in drama, in drama and communications, and in theatre arts with a minor in business administration. All three are designed to provide 128 credit hours.

The drama major is designed to help the student develop a sense of artistic and personal discipline, responsibility and commitment to theatre. The student gains an understanding of the social phenomena of theatre and how it imparts knowledge, values and insight through the dramatic experience. The drama major is guided to look at theatre, its performance, history and literature and to situate it critically in a context of events and ideas in world history and in the contemporary world. The drama/communications major allows the student to combine the study of drama with basic communications courses and one of the Department of Communication sequences. The possible communications sequences in the drama/communications major include advertising, broadcast production, broadcast journalism, print journalism, public relations, film studies, and communication studies. The theatre arts major with a minor in business administration was developed for those who are interested in arts management. The required core of drama courses roots the individual student in the theatre arts, while the business courses give the student complementary skills which may be applied to many areas of business and arts management.

¹ *Reader's Encyclopedia of World Drama*

In all three degree programs, no more than a total of six additional hours in Play Production (DRAM A300), Theatre Workshop (DRAM A262) and Advanced Performance Workshop (DRAM A321) may be counted toward the 128 needed for graduation. Dramatic Imagination (DRAM A107) and Stagecraft I (DRAM A103) are required of all majors their first year in residence. DRAMA 107 is a prerequisite for all drama courses above the 100 level.

There are two theatres. Marquette Theatre is a proscenium theatre and the Lower Depths Theatre is a flexible black box theatre space. Productions are staged annually in both spaces.

All students are expected to be involved in at least one production each semester. Completion of at least one production crew is required by the fall term of the sophomore year. A student placed on probation must cease all production activity until good standing is restored. Majors and minors are expected to participate in departmental forums and the annual spring meeting.

A senior project is required for graduation. For the drama major, the directing of a short play and the compiling of a production book are the usual requirement. The drama/communications major may substitute the direction of a television play. The theatre arts/business administration major will propose a management project, such as the compiling of a complete log detailing all the managing aspects of one of the department's major productions.

BACHELOR OF ARTS—DRAMA

	F	S
Freshman		
Major	0	3
Major	3	3
Major	3	1
Common Curriculum	6	6
Foreign Language	<u>3</u>	<u>3</u>
	15	16
	31	
Sophomore		
Major	0	3
Major	3	1
Major	0	3
Adjunct	3	3
Adjunct	3	0
Common Curriculum	6	6
Elective	<u>3</u>	<u>0</u>
	18	16
	34	
Junior		
Major	3	3
Major	3	1
Major	3	0
Adjunct	0	3
Common Curriculum	6	6
Elective	<u>3</u>	<u>3</u>
	18	16
	34	
Senior		
Major	1	3
Major	3	0
Adjunct	3	0
Common Curriculum	6	6
Elective	<u>4</u>	<u>6</u>
	17	12
TOTAL: 128 cr. hrs.	29	

BACHELOR OF ARTS—DRAMA/COMMUNICATIONS

Freshman		F	S
Major	DRAM A103 – A107	3	3
Major	CMMN A100 – A101	3	3
Common Curriculum	.....	6	6
Major	DRAM A110 – A112	<u>3</u>	<u>3</u>
		15	15
			30
Sophomore		F	S
Major	DRAM A220	3	0
Major	CMMN Sequence Electives	3	3
Major/Adjunct	DRAM A300, U130	1	3
Common Curriculum	.....	6	9
Foreign Language	.....	<u>3</u>	<u>3</u>
		16	18
			34
Junior		F	S
Major	DRAM A410	3	0
Major	CMMN Sequence Elective – DRAM A300	3	1
Major	CMMN A400 – A401	3	3
Adjunct	DRAM V132	3	0
Adjunct	.....	0	3
Common Curriculum	.....	6	6
Elective	.....	<u>0</u>	<u>3</u>
		18	16
			34
Senior		F	S
Major	DRAM A490	0	3
Major	DRAM Elective*	3	0
Major	CMMN Elective (A402 – A480)	3	0
Adjunct	.....	0	3
Common Curriculum	.....	6	3
Elective	.....	<u>3</u>	<u>6</u>
		15	15
			30

TOTAL: 128 cr. hrs.

* One drama elective to be selected from A255, A325, A331, or A430.

**BACHELOR OF ARTS—THEATRE ARTS with a
Minor in BUSINESS ADMINISTRATION**

Freshman		F	S
Major	DRAM A103 – A107	3	3
Major	DRAM A110 – A112	3	3
Minor	MGT B100	3	0
Common Curriculum	.....	6	6
Adjunct	.....	<u>0</u>	<u>3</u>
		15	15
			30
Sophomore		F	S
Major	DRAM A220	3	0
Major	DRAM A300 – A255	1	3
Minor	ACCT B202	3	0
Adjunct	COSC A106	0	3
Foreign Language	.....	3	3
Common Curriculum	.....	<u>6</u>	<u>9</u>
		16	18
			34
Junior		F	S
Major	DRAM A410	3	0
Major	DRAM Elective*	0	3
Major	DRAM A300, A300	1	1
Minor	MKT B280	0	3
Minor	LGST B205	3	0
Minor	ECON X130 or B200 or B201	3	0
Adjunct	ENGL Shakespeare	0	3
Common Curriculum	.....	3	6
Elective	.....	<u>5</u>	<u>0</u>
		18	16
			34
Senior		F	S
Major	DRAM Elective*	3	0
Major	DRAM A490	0	0
Minor	FIN B200 or B300	3	0
Minor	MGT B345	0	3
Common Curriculum	.....	6	6
Elective	.....	<u>3</u>	<u>6</u>
		15	15
			30
TOTAL: 128 cr. hrs.			

Those who wish may select the additional business courses which fulfill the entrance requirements to Loyola's M.B.A. program.

* One drama elective to be selected from A325, A331, or A430.

PROGRAM IN ECONOMICS

AREA CHAIR: Michael T. Saliba, Ph.D.

PROFESSOR: J. Patrick O'Brien

ASSOCIATE PROFESSORS: William Barnett, Jerry Dauterive, Michael T. Saliba, II,
Deborah Walker, J. Stuart Wood

This degree program is co-sponsored by the Colleges of Arts and Sciences and Business Administration. Economics is the study of human behavior as it relates to the production, exchange, and consumption of goods and services. Emphasis is on the conceptual framework and analytical skills necessary to an understanding of complex interrelationships among individuals, businesses, and governments. The program also is designed to enable students to function as intelligent and informed citizens and to be prepared for careers in business, industry, and government. Further, the program provides an excellent basis for graduate study in economics or business as well as being an excellent preparation for law school.

BACHELOR OF ARTS—ECONOMICS

Freshman		F	S
Major	ECON B200	0	3
Common Curriculum	MATH A115	3	0
Adjunct	MATH A116*	0	3
Foreign Language	.....	3	3
Common Curriculum	.....	6	6
Elective	.....	<u>3</u>	<u>0</u>
		15	15
			30
Sophomore		F	S
Major	ECON B201/DECS B202	3	3
Adjunct	.....	3	3
Common Curriculum	.....	6	6
Electives	.....	<u>3</u>	<u>3</u>
		15	15
			30
Junior		F	S
Major	ECON B300/B301	3	3
Major	Economics Elective/Economics Elective or FIN B310	3	3
Adjunct	.....	3	3
Common Curriculum	.....	6	6
Elective	.....	<u>0</u>	<u>0</u>
		15	15
			30

* Students planning to earn a graduate degree in economics are encouraged to take MATH A257 instead of MATH A116.

Senior		F	S
Major	ECON B305/Economics Electives	3	6
Major	Economics Elective or HIST A258 or POLA A230 or A231 or A347	3	0
Adjunct	.....	0	3
Common Curriculum	.....	6	3
Elective	.....	<u>3</u>	<u>3</u>
		15	15
			30

TOTAL: 120 cr. hrs.

Fifteen hours of adjunct courses must be selected in consultation with the student's advisor from the following areas: accounting, finance, history, mathematics, philosophy, political science, psychology, statistics, and/or sociology. Economics majors or minors must earn a grade of C or better in ECON B200 and ECON B201 to enroll in a 300- or 400-level economics class.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF EDUCATION AND COUNSELING

CHAIR: Kevin A. Fall, Ph.D.

OFFICE: 210 Mercy Hall

PROFESSORS: Jane C. Chauvin, Janet G. Melancon, Justin E. Levitov

ASSISTANT PROFESSORS: Margaret M. Dermody, Mary Ann Doyle, Kevin Fall

EXTRAORDINARY FACULTY:

INSTRUCTOR: Yvonne Lehr

From earliest times, teaching the young has been recognized as a noble task, necessary for the welfare of society. The rudimentary and narrow needs of earlier cultures have yielded to the ever-increasing requirements of more sophisticated civilizations. Modern times have witnessed an extraordinary quickening of the pace of change. The complex technological advances made in recent decades have not only complicated the world of which students will become a part, but have also impacted seriously on the ways students can be prepared to become effective and productive persons. As a consequence, teacher education programs must be designed on the basis of an insightful appreciation of the many different and rapidly changing factors that constitute contemporary society.

Loyola University readily accepts the challenge inherent in these demands. Through its Department of Education and Counseling, the university is committed to engaging all its resources in preparing teachers who have the skills and the knowledge necessary to help students achieve what is required of them to become effective and productive members of the community in which they live. In such a way, Loyola University finds teacher education a particularly appropriate way of fulfilling its mission of service in the development of the individual in an often complex and ambiguous world.

Loyola University offers a bachelor of science degree in elementary education and course work toward secondary certification. It also has master of science programs at the graduate level (see *Graduate Bulletin*). A bachelor of music education may also be earned at Loyola (see music portion of the bulletin).

ADMISSION TO STATE TEACHER CERTIFICATION PROGRAM

Prerequisites for admission to the teacher education program in elementary education are:

1. Admission as a student to the College of Arts and Sciences;
2. Successful completion of EDUC A100
3. Successful completion of the Praxis I subtests: reading, writing, and mathematics.
4. Completion of an oral interview with members of the faculty;
5. Completion of the freshman year at Loyola or its equivalent, consisting of a minimum of 30 credit hours of basic courses with 2.20 overall average;
6. Demonstration of:
 - a. emotional, mental and physical well-being;
 - b. professional decorum, interest and motivation;
 - c. respect and concern for people.

ADMISSION AND RETENTION IN TEACHER EDUCATION

The Department of Education and Counseling reserves the right to admit and retain

in teacher education those students whom the department deems capable of performing in an acceptable professional manner.

A student must be formally admitted to the elementary and secondary education program. After formal admission, the student will pursue his or her curriculum, scheduling professional education courses beyond the introductory level and other courses in sequence in accordance with the printed curriculum in this bulletin. Suitable field experiences in schools are included at every level.

A student may be admitted provisionally. He or she is required to confer with the chair and his or her advisor to clarify his or her particular status. Students who are admitted must continue to meet academic and professional requirements during their education program in order to be retained in the program. The faculty may remove a student from the degree program if it is determined that academically or professionally he or she is unlikely to be a successful teacher.

Successful completion of course work does not guarantee placement in student teaching or a recommendation/approval for a state teaching certificate.

The faculty may also place the student on probation for a given period. The services of the University Counseling Center are available (for the purpose of career counseling) to assist students who are not accepted for the Teacher Education Program.

STUDENT TEACHING

The culminating experience in teacher education is student teaching. Student teaching is an off-campus, school-based experience comprising a full semester. During student teaching, the student teacher is expected to assume all responsibilities of a fully certified, experienced teacher. Student teaching is supervised by an education department faculty member and a cooperating teacher in the school. Further information regarding student teaching may be obtained from the Student Teaching Handbook, available in the department office.

STATE CERTIFICATION IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION

To be recommended by Loyola University for certification as an elementary teacher in Louisiana, the student must fulfill all the requirements specified by the department for the degree program in elementary education. The degree program in elementary education incorporates all the requirements for certification by the State of Louisiana for teaching in grades 1 – 8. For certification, the student must earn a cumulative grade point average of 2.5. In addition, the student must take the Praxis Examination I (reading, writing, and mathematics) and Praxis II, consisting of Principles of Learning and Teaching and specialized area examination. (Students are encouraged to complete all Praxis examinations prior to graduation.)

Certification requirements are established by the Louisiana State Department of Education and are subject to change. Any such changes will be incorporated into the student's program. Nine additional hours are required for Early Childhood certification.

STATE CERTIFICATION IN SECONDARY EDUCATION

Loyola students interested in teaching in the secondary schools in Louisiana must pursue a degree in the academic area in which they intend to teach. To be eligible for Louisiana State certification, the students must also successfully complete the general education and the professional education courses required by the state for certification. Loyola University certifies in the following secondary areas: English, foreign languages, journalism, mathematical sciences, science (e.g., biology, chemistry, environmental, physics), social studies, speech, and computer science.

The university also certifies “all-level” teachers in art and music (see music portion of this bulletin for the music requirements).

The State of Louisiana certification requirements for secondary education are as follows:

General Education Requirements: 46 hours.

1. English: 12 hours, including 3 semester hours in grammar and 3 semester hours in composition.
2. Social Studies: 12 hours, including 3 semester hours in U.S. History.
3. Mathematics: 6 hours.
4. Science: 12 hours, including 3 semester hours in biological science and 3 semester hours in physical science.
5. Health and physical education: 4 semester hours.

Note: At Loyola, in some instances, college common curriculum requirements and state general education requirements may be fulfilled concurrently. Consult the advisor for specific information.

Professional Education: 31 hours

1. Three hours in history of education, introduction to education, foundations of education or philosophy of education.
2. Three hours in educational psychology.
3. Twelve hours of professional education appropriate to secondary level, including 3 hours of adolescent psychology.
4. Three hours in the teaching of reading.
5. Nine hours in student teaching in the teaching field.
6. One hour of Teacher Aide (departmental requirement, not state required).

Students must have an overall GPA of 2.5 and no grade lower than C in each course of the teaching area, as well as in each professional education course. In addition, the student must take the Praxis I Examination (reading, writing, and mathematics) and Praxis II, consisting of Principles of Learning and Teaching and specialized area examination. Completion of the Louisiana Teacher Internship Program for beginning teachers in public schools is required for secondary level certification as well. Please consult with departmental advisors for more details.

Minor in Secondary Education: 21 hours

Students may elect to take the 21 hours in the area of professional education required for the minor in secondary education even if they do not wish to receive a teaching certificate.

Advising

In addition to an advisor for the primary concentration, students pursuing certification in secondary education will have an advisor in the department of education who will monitor the students’ progress and aid them in the sequencing of the professional education courses. Students should fill out forms in the Office of the Dean, College of Arts and Sciences, to list education as their minor.

Post-baccalaureate teacher education

Post-baccalaureate teacher education programs are highly appropriate for individuals who decide late in their undergraduate education to pursue teaching as a career and for those individuals already teaching on temporary or intern certificates. For specific details on post-baccalaureate teacher certification, please refer to the Loyola University *Graduate Bulletin* or see the department chair.

BACHELOR OF SCIENCE—ELEMENTARY EDUCATION

Freshman	F	S
Major	EDUC A100, EDEL A280	3 3
Common Curriculum	HIST T122, HIST T124	3 3
Common Curriculum	PHYS T122, BIOL T122	3 3
Common Curriculum	RELS T122, PHIL T122	3 3
Common Curriculum	ENGL T122	0 3
Adjunct	MATH A117	<u>3</u> 0
	15	15
		30
Sophomore	F	S
Major	EDEL A205, EDUC A305	3 3
Major	EDEL A320, A210	3 3
Common Curriculum	ENGL T125, CHEM 122	3 3
Common Curriculum	RELS (130-199), PHIL (130-199)	3 3
Adjunct	GEOG A100, MATH A114	3 3
Adjunct	EDUC A400, SPCH A100	<u>3</u> 3
	18	18
		36
Junior	F	S
Major	*EDEL A325, A335	3 3
Major	EDEL *A315, *A330, *A315	3 3
Major	EDEL A343, Soc. Stu. Meth.....	33
Adjunct	MATH A113, ENGL A388	3 3
Adjunct	**Arts	0 3
Adjunct	HIST A245	<u>3</u> 0
	15	15
		30
Senior	F	S
Major	*EDEL A310, A410	3 9
Common Curriculum	ENGL (130 – 199)	3 0
Common Curriculum	PHIL (130 – 199)	3 0
Common Curriculum	RELS (130 – 199)	3 0
Adjunct	Science	<u>3</u> 0
	15	9
		24
TOTAL: 120 cr. hrs.		

* Student must have taken and passed Praxis I (Reading, Writing, Mathematics).

** MUGN U168 (World of Music), VISA U 132 (Arts and Ideas I), VISA U133 (Arts and Ideas II)

DEPARTMENT OF ENGLISH

CHAIR: Mary A. McCay, Ph.D.

OFFICE: 318 Bobet Hall

PROFESSORS: Katherine H. Adams, John J. Biguenet, Phaniel A. Egejuru, Mary A. McCay, John F. Mosier, Julian N. Wasserman

ASSOCIATE PROFESSORS: William T. Cotton, David C. Estes, Ronald E. Foust, Anthony Lala, Andrew F. Macdonald, Peggy McCormack, Melanie A. McKay, Marcus A.J. Smith

ASSISTANT PROFESSORS: Christopher Chambers, Paulette A. Richards

EXTRAORDINARY FACULTY:

ASSISTANT PROFESSOR: Thornton Penfield, Dorothy Wells

LECTURERS: John L. Adams, Raymond E. McGowan, Paulette S. Swartzfager, Mary Waguespack

REQUIREMENTS FOR MAJOR IN ENGLISH (LITERATURE AND WRITING)

For a bachelor of arts in English with a concentration in literature, students must compete 36 hours in British and American literature, literary criticism and interpretation, and literature or writing electives after first taking ENGL T122, A205, or A210. ENGL A205 is the required freshman composition course for English majors; ENGL A210 is a more advanced version of A205; students entering the major after taking ENGL T122 need not take A205 or A210. ENGL A205 or A210 and ENGL A206 should be completed in the freshman year. Majors take 18 hours of distribution requirements in Medieval, Renaissance, Restoration/eighteenth-century, nineteenth-century, and American literature, as well as critical theory, not necessarily sequentially. Literature courses listed in the Common Curriculum may be taken for major credit with the permission of the advisor and instructor.

For a bachelor of arts in English with a concentration in writing, students should take ENGL A205 or ENGL A210 plus ENGL A206 in their freshman year. In addition, students take five literature courses, including one course in British literature before 1800 and one course in American literature. Students must also complete six writing courses. As a part of the writing major, many students complete an internship at a magazine, business, or school. Many also work with *The New Orleans Review*, a nationally prominent literary periodical sponsored by the department.

English majors and minors can take advantage of many extracurricular activities within the department. They can join Sigma Tau Delta, the international English honor society, as well as ALEPH, an English department club. They work on *ReVisions*, our student literary magazine, and *The Reader's Response*, our annual anthology of students' academic writing. The department also sponsors regular poetry readings involving students and faculty and presents guest lecturers.

English majors can also expand their academic program by participating in our Irish studies program in Dublin or our exchange program with Keele University in England.

English majors may take a minor in another discipline, to be determined in consultation with the advisor. Students must consult their assigned advisors in curriculum matters before registering for each semester.

BACHELOR OF ARTS—ENGLISH LITERATURE OR WRITING

Freshman		F	S
Major	ENGL A205 or ENGL A210 – ENGL A206	3	3
Foreign Language	.....	3	3
Common Curriculum	.....	<u>9</u>	<u>9</u>
		15	15
		30	
Sophomore		F	S
Major	Combination of distribution requirements and electives	6	3
Adjunct/Electives	.....	6	6
Common Curriculum	.....	<u>3</u>	<u>6</u>
		15	15
		30	
Junior		F	S
Major	Combination of distribution requirements and electives	6	6
Adjunct/Electives	.....	6	3
Common Curriculum	.....	<u>3</u>	<u>6</u>
		15	15
		30	
Senior		F	S
Major	Combination of distribution requirements and electives	6	6
Adjunct/Electives	.....	3	6
Common Curriculum	.....	<u>6</u>	<u>3</u>
		15	15
		30	

TOTAL: 120 cr. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF HISTORY

CHAIR: David W. Moore, Ph.D.

OFFICE: 428 Bobet Hall

PROFESSORS: Nancy Fix Anderson, Maurice P. Brungardt, Bernard A. Cook, Robert J. Rowland, Jr.

ASSOCIATE PROFESSORS: Mark F. Fernandez, Robert S. Gerlich, S.J., David W. Moore, Leo A. Nicoll, S.J., Ben L. Wren

ASSISTANT PROFESSOR: Sarah M. Gualtieri, Michael A. Ross, Jacqueline C. Woodfork

History at Loyola is an integral part of the university's liberal arts program. As such, it seeks to free the mind from common prejudices and faulty intellectual assumptions through a broad-based study of the human past. Students become familiar with the principal forces of change and adaptation that have marked humanity's cultural, social, political, and economic development. With a greater appreciation for the diversity and the commonalities of the human experience, students come to understand the indispensable context for evaluating contemporary problems. Future options presented by the challenges of human existence come into sharper focus as proposed solutions are examined within the framework of human experience.

In order to maximize the learning experience and achieve the goals of historical studies, courses are designed to develop habits of inquiry and judgment. For it is only by honing these skills, that students come to appreciate the ebb and flow of human history in all its complexity. Cultural, religious, and social values that echo economic and political developments are all subject to careful and reflective investigation.

Departmental course offerings reflect the broad expertise of the history faculty, and treat such diverse areas as American, European, Asian, Middle Eastern, and African history, with thematic courses in intellectual, social, legal, political, and military, as well as African-American, Church, and women's histories. In addition, the department offers a variety of internships for qualified students interested in museum or archival work.

Guiding the student's intellectual formation is a dedicated history faculty made up of professional educators who themselves are engaged in the quest for knowledge through continual research and active scholarship. In addition to classroom teaching, faculty members serve as academic advisors, counseling history majors in their course selections and in career planning. Students are strongly encouraged to keep in close contact with their advisors.

Students play an active role in the life of the department. Two elected student representatives participate with a deliberative vote in all departmental meetings. Input from our history majors is welcomed by the faculty, as it provides an interchange of ideas that is most helpful in planning and developing courses.

An undergraduate degree in history is a valuable preparation for careers in a number of fields: law, foreign service, politics, journalism, publishing, public relations, teaching and, naturally, historical research and writing. History also serves as an indispensable adjunct to studies in the humanities and the social sciences.

Traditionally, large numbers of history graduates have sought careers in business and in education. The faculty advisor can recommend specific business courses that will allow the student to obtain a minor in business and thus form the basis of work necessary to enter an M.B.A. program. A secondary education minor would provide the student with partial preparation for secondary level certification and would offer an appropriate

platform for an M.A.T. or M.Ed. degree.

In order to graduate with a degree in history, a student needs to earn 36 credit hours in the major. The student must maintain an overall 2.0 GPA as well as a 2.0 departmental GPA.

Area Requirements within the Major: In addition to HIST T122/124, HIST A200/201, and HIST A400, history majors must take at least three credit hours in U.S. history, three credit hours in European history, and six credit hours in non-U.S./European history. The remaining nine required history credit hours can be in the areas of the student's choice.

Departmental Comprehensive: Students take a departmental comprehensive exam as a requirement for graduation. The department will waive its comprehensive examination requirement if a satisfactory score is submitted in the Subject (Advanced) Test of the Graduate Record Examination in History.

HONORS

Students wishing to earn a “departmental honors in history” designation which will appear on their Official Transcripts, should have a 3.3 Loyola GPA and a 3.5 GPA in history in order to qualify. Course work for the “departmental honors in history” consists of the writing of a thesis or the creation of a project, under the supervision of a faculty mentor, during the two semesters prior to graduation. For further information, contact the history chair.

Student achievement is also recognized by Phi Alpha Theta, a national history honor society. Membership in the campus chapter, Pi Chi, is open to students who have a 3.1 GPA in 12 or more hours of history, and a 3.0 GPA in their non-history courses. Among the many activities of this honor society is the annual publication of the *Student Historical Journal*, available in hard copy and on line at www.loyno.edu/history/journal.

INTERNSHIPS

The history department has established internships with a number of local museums and manuscript collections, including the Louisiana State Museum, The Historic New Orleans Collection, and the Amistad Collection. Students interested in careers in public history are encouraged to schedule such an internship.

ADJUNCT COURSES

The student's academic advisor will suggest courses in the social sciences and humanities that will complement the student's interests and areas of concentration. Students intending to enter graduate school are strongly advised to complete the 200 level of a foreign language.

BACHELOR OF ARTS—HISTORY

Freshman		F	S
Major	HIST T122 – T124	3	3
Foreign Language	.....	3	3
Common Curriculum	.....	6	9
Adjunct/Electives	.....	<u>3</u>	<u>0</u>
		15	15
			30
Sophomore		F	S
Major	HIST A200 – A201	3	3
Adjunct/Electives	.....	6	6
Common Curriculum	.....	<u>6</u>	<u>6</u>
		15	15
			30
Junior		F	S
Major	HIST Non-U.S., Non-European Electives	3	3
Major	HIST U.S. Elective, European Elective	3	3
Adjunct/Electives	.....	3	3
Common Curriculum	.....	<u>6</u>	<u>6</u>
		15	15
			30
Senior		F	S
Major	HIST A400 – HIST Elective	3	3
Major	HIST Electives	3	3
Common Curriculum	.....	3	0
Adjunct/Electives	.....	<u>6</u>	<u>9</u>
		15	15
			30

TOTAL: 120 cr. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

CHAIR: Kenneth C. Messa, Ph.D.

OFFICE: 540 Monroe Hall

VICE CHAIR: Bogdan Denny Czejdo, Ph.D.

PROFESSORS: Bogdan Denny Czejdo, A. Duane Randall

ASSOCIATE PROFESSORS: Maria E. Calzada, Michael R. Kelly, Xuefung Li,
Kenneth C. Messa, Katarzyna Saxton, Stephen M. Scariano, Ralph P. Tucci,
Aihua Li

INSTRUCTORS: Claudia Mora

ADJUNCT PROFESSOR: Janet G. Melancon

The Department of Mathematics and Computer Sciences offers three undergraduate degree programs—bachelor of science in mathematics, bachelor of science in computer science and bachelor of science in computer information systems. In the future, the major source of employment for the mathematician and the computer scientist will continue to be industry, business and other analytical fields. Employers will be concerned less about the actual degree than with the diversity of the student's experiences. They will expect more than a superficial knowledge of either mathematics or computer science. They will also expect the student to be experienced in communicating with people such as engineers, managers and stockholders, whose activity is outside the discipline of the mathematical sciences.

Since individual courses of study are peculiar to each student, a faculty advisor is assigned to a student at registration for the first semester. The faculty advisor will endeavor to tailor a particular program for the student with a proper mixture of adjunct and elective courses.

The faculty hold active memberships in a number of professional organizations: the Mathematical Association of America, the American Mathematical Society, the Association for Computing, the Association of Information Technology Professionals, the IEEE Computer Society, and the American Statistical Association, to name a few. The faculty have been chosen because of their different backgrounds and their ability to make one cohesive department with several degree programs.

MATHEMATICS PROGRAM

There are many reasons for students to choose a major in mathematics. To meet the broad interests of all mathematical scholars, the department offers flexibility in its programs.

The mathematics student is encouraged to obtain as broad an educational experience as possible by selecting elective courses from several other disciplines in such diverse fields as physics, chemistry, economics, computer science, history, sociology, language, biology, psychology, music, English, business administration and others.

The basic program is designed for the student wishing to have a career where mathematics might be used directly or indirectly, for example, in aeronautics, electronics, marketing, social engineering, opinion analysis, insurance, accounting, automation, management, computer applications, sales, teaching and government operations or research.

Several minors are available to students majoring in mathematics. Two of these minors are described below:

The business minor provides an overview of the basic business disciplines and requires courses in management, accounting, finance and marketing.

The computer science minor is designed for the mathematics student who has a strong interest in becoming a “computing scientist.” It provides the student with an overview of the computer industry while using the computer as a problem-solving tool.

The departmental honors program is designed to prepare the student for graduate work in mathematics. The departmental honors program requires 12 hours of a modern foreign language and selected mathematics courses at the 300 and 400 levels.

The mathematics program may be tailored to meet the needs of students interested in industrial applied mathematics, biomathematics, mathematical statistics and the managerial sciences.

BACHELOR OF SCIENCE—MATHEMATICS

Freshman	F	S
Major	MATH A200.....	0 3
Major	MATH A257 – A258 ¹	4 4
Major	MATH A204.....	3 0
Adjunct	COSC A211 – A212.....	3 3
Common Curriculum	.....	<u>6</u> <u>6</u>
	16	16
		32
Sophomore	F	S
Major	MATH A259 – A310.....	3 3
Adjunct	PHYS A110 – A111.....	5 5
Common Curriculum	.....	6 6
Foreign Language	.....	<u>3</u> <u>3</u>
	17	17
		34
Junior	F	S
Major	MATH A340 – A341.....	3 3
Major	MATH A400.....	3 0
Major	MATH (A300 or A400 level).....	0 3
Adjunct	COSC A375.....	3 0
Common Curriculum	.....	6 6
Elective	.....	<u>3</u> <u>3</u>
	18	15
		33
Senior	F	S
Major	MATH A410 – A411.....	3 3
Major	MATH (A300 or A400 level).....	3 0
Common Curriculum	.....	3 3
Electives	.....	<u>6</u> <u>9</u>
	15	15
TOTAL: 129 cr. hrs.		30

¹ Students without the knowledge of trigonometry should take MATH A118 in the summer before their freshman year or during the fall semester.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in the index for page number.

COMPUTER SCIENCE PROGRAM

The bachelor of science in computer science gives the student the capability to grow with the rapidly expanding field of computer science. The courses in the program provide a working knowledge of existing software systems. They cover in-depth techniques of software system development and the interaction of software systems and hardware. The program emphasizes object-oriented system analysis and design. Students write programs in modern languages, such as, C++, Java, Smalltalk, SQL, and Visual Basic. Students in the program work with state-of-the-art software development tools for creation of programs using pictures, diagrams and charts. Graduates are well prepared to enter industry or continue further study in graduate school.

The use of the Computer Aided Software Engineering Lab and state-of-the-art software development tools is a unique feature of the program. The department will continue as an innovator in computer education.

BACHELOR OF SCIENCE—COMPUTER SCIENCE

Freshman		F	S
Major	COSC A211, A212	3	3
Major	COSC A119	3	0
Adjunct	MATH A204, A270	3	3
Common Curriculum	.....	6	6
Elective	.....	<u>0</u>	<u>3</u>
		15	15
			30

Sophomore		F	S
Major	COSC A270, A280	3	3
Major	COSC A216	0	3
Adjunct	MATH A241, A242	3	3
Common Curriculum	.....	6	6
Foreign Language	.....	3	3
Electives	.....	<u>3</u>	<u>0</u>
		18	18
			36

Junior		F	S
Major	COSC A361, A365	3	3
Major	COSC A363	3	0
Major	COSC (A300 – A400 level)	0	3
Adjunct	MATH A257, A258	4	4
Common Curriculum	.....	<u>6</u>	<u>6</u>
		16	16
			32

¹ Students without the knowledge of trigonometry should take MATH A118 in the summer before their freshman year or during the fall semester.

		F	S
Senior			
Major	COSC (A300 – 400 level)	6	3
Common Curriculum	.....	3	6
Electives	.....	<u>6</u>	<u>6</u>
		15	15

30

TOTAL: 128 cr. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to A&S *Common Curriculum* in the index for page number.

COMPUTER INFORMATION SYSTEMS PROGRAM

The degree program leading to the bachelor of science in computer information systems is designed to prepare the graduate for an active role in areas where computer information systems are used. The courses provide understanding of applications systems and they cover in-depth techniques of application development. Some software system development and interaction of software systems and hardware is also included. The program emphasizes object-oriented system analysis and design. Students in the program work with state-of-the-art software development tools for creation of programs using pictures, diagrams and charts, and fourth-generation languages, such as SQL.

The use of the Computer Aided Software Engineering Lab and state-of-the-art application development tools is a unique feature of the program. The labs are constantly updated to reflect the rapidly changing field of computer information systems.

The program is flexible enough to be combined with various academic disciplines where computer applications are common, such as business, communications, music, social sciences, statistics, etc. Graduates are well prepared to enter industry, business, government services or graduate school, such as MBA or MIS programs. Appropriate courses may be planned with an advisor.

BACHELOR OF SCIENCE— COMPUTER INFORMATION SYSTEMS

		F	S
Freshman			
Major	COSC A211, A212	3	3
Major	COSC A119	3	0
Adjunct	MATH A204, A270	3	3
Common Curriculum	.....	6	6
Elective	.....	<u>0</u>	<u>3</u>
		15	15

30

		F	S
Sophomore			
Major	COSC A220, A280	3	3
Major	COSC A216	3	0
Adjunct	Application*	0	3
Adjunct	MATH A241, A242	3	3
Common Curriculum	.....	6	6
Foreign Language	.....	<u>3</u>	<u>3</u>
		18	18

36

Junior		F	S
Major	COSC (A300 – 400 level).....	3	3
Major	Application*	3	3
Adjunct	MATH A257	4	0
Common Curriculum	.....	3	6
Electives	.....	<u>3</u>	<u>3</u>
		16	15
			31

Senior		F	S
Major	COSC (A300 – 400 level).....	3	0
Major	Application*	3	0
Major	Application* or COSC (A300 - 400 level).....	0	3
Common Curriculum	.....	6	6
Electives	.....	<u>4</u>	<u>6</u>
		16	15
			31

TOTAL: 128 cr. hrs.

* Department approval of application program. Application program consists of four or five courses from one other discipline, at least two of which must be at the 300 level or higher. Examples are: business (management) ACCT B202, ECON B200, MGT B100, B325, B345; business (marketing) ECON B200, MGT B100, MKT B280, B305, B340; communications (advertising) CMMN A100, A101, A260, A310, A370; communications (public relations) CMMN A100, A101, A250, A316, A360; visual arts (graphics) VISA A202 (6 hours), VISA A270, A370, A373; psychology PSYC A100, A301, A322 – A323, A345 – A346, A416 – A417.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to A&S *Common Curriculum* in the index for page number.

CS and CIS major and minor programs

CS major: A119, A211, A212, A216, A270, A280, A361, A363 and A365, 4 electives 300 or above, MATH A204, MATH A241, MATH A270, MATH A257, MATH A258, MATH A242.

CIS major: A119, A211, A212, A216, A270, A280, plus 3 computer science electives 300 or above, 4 additional courses from one application area approved by the department (management, marketing, advertising, public relations, visual arts, or others). plus one additional COSC or application area elective (at least two application area courses must be 300 level or above), MATH A204, MATH A270, MATH A257, MATH A241, MATH A242.

CS minor: A111, A114, A211, A212, one selected from A270, A280 or A216, one selected from A361, A363, or A365, MATH A204.

CIS minor: A106, A111, A114, A211, A212, one selected from A270, A280 or A216, MATH A 204, (A132 may be substituted for A111).