

MILLSAPS COLLEGE
1996-97 CATALOG

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Millsaps College admits students of any race, color, religion, sex, national or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students of the College. It does not discriminate on the basis of race, color, sex, national or ethnic origin in administration of its educational policies, admissions policies, scholarships and loan programs, and athletic and other school administered programs. No handicapped person is, on the basis of the handicap, excluded from participation in, denied benefits of, or otherwise subjected to discrimination under any program, employment or activity at Millsaps College.

This bulletin presents information regarding admission requirements, courses and degree requirements, tuition, fees, and the general rules and regulations of the College for the current year in as accurate and up-to-date fashion as possible. This does not, however, preclude the possibility of changes taking place during the academic year. If such changes occur, they will be publicized through normal channels and will be included in the bulletin of the following printing.

Catalog and Announcements

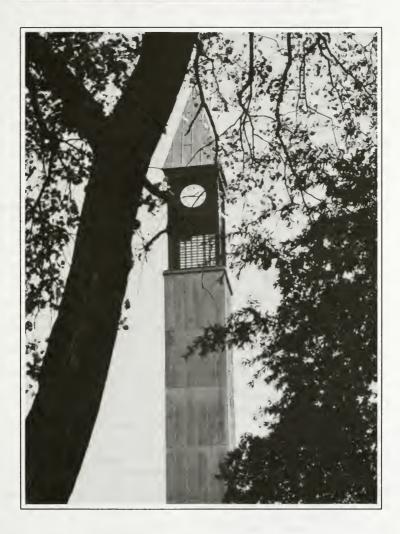


Table of Contents

Calendar for 1996-97	••••	3
The Millsaps Purpose	••••	4
Information for Prospective Students	••••	7
History of the College		8
General Information	••••	8
The Millsaps-Wilson Library		9
Computing Facilities		9
Computing Facilities	••••	9
Applying for Admission	1	0
Orientation and Advisement	1	1
Admission Requirements	1	1
Counseling Services	1	4
Career Center		
Student Housing	1	5
Medical Services	1	5
Student Records		
Financial Information		
Tuition and Fees	1	8
Financial Regulations	2	0
Scholarships and Financial Aid	2	1
Loan Funds	2	4
Student Life		
Campus Ministry	2	8
Public Events		
Athletics		
Publications	2	9
Music and Drama	3	0
Student Organizations	3	0
Honor Societies	3	2
Fraternities and Sororities		
Awards	3	4
Curriculum	3	9
Requirements for Degrees	4	0
Pre-Medical and Pre-Dental		
Pre-Ministerial	4	6
Pre-Law		
Pre-Social Work	4	6
Teacher Certification	4	6
Cooperative Programs	4	7
Special Programs	5	0
Adult Learning	5	2
Graduate Programs	5	3
Administration of the Curriculum	5	5
Grades, Honors, Class Standing	5	6
Administrative Regulations	5	9
Departments of Instruction	6	5
Division of Arts and Letters	6	1
Division of Sciences	9	ŭ
Else School of Management	11	_
Register	12	100
Board of Trustees	12	8
Officers of the Administration	13	U
Faculty	13	U
Staff	13	0
Degrees Conferred 1995	14	1
Index	14	3

Calendar for 1996-97

First Semester

August 22-23 Fall Conference for faculty August 24 Residence halls open 9 a.m. for new students August 25-27 Orientation for new students Registration for class changes August 26-27 Evening classes begin August 27 All classes meet on regular schedule August 28 August 29 *Opening Convocation September 6 Last day for schedule changes without grade September 21 Parents Weekend October 12 Mid-semester holidays begin, 8 a.m. October 16 Mid-semester holidays end, 8 a.m. October 18 Mid-semester grades due October 24 Tap Day October 26 Homecoming Weekend November 1 Last day for dropping courses with grades of WP or WF November 11-19 Early registration for spring semester November 27 Thanksgiving holidays begin Classes until noon; residence halls close, 3 p.m. December 1 Thanksgiving holidays end Residence halls open, 3 p.m. December 10 Last regular meeting of classes December 11 Reading day December 12,13,14,15,16 Final examination days December 17 Residence halls close at 3 p.m. December 18 Semester grades due in the Office of Records December 21-January 1 College offices closed

Second Semester

January 12	Residence halls open 12 noon
January 13	Registration for class changes
	Evening classes begin
January 14	All classes meet on regular schedule
January 24	Last day for schedule changes without grade
February 20	Tap Day
February 27	Founders Day
Febraury 28	Mid semester grades due
March 7	Spring holidays begin, 3 p.m.
	Residence halls close, 3 p.m.
March 16	Spring holidays end
	Residence halls open, 3 p.m.
March 21	Last day for dropping courses with grades of WP or WF
March 28	Good Friday - College offices closed
March 30	Easter
March 31-April 11	Comprehensive examinations
April 4	Spring Convocation
April 21-29	Early registration for fall semester 1997
April 24	Awards Day
April 28	Last regular meeting of classes
April 29	Reading day
April 30-May 1,2,3,4	Final examination days
May 5	Final grades for graduating seniors due
May 8	All semester grades due in the Office of Records
May 9	*Baccalaureate
May 10	*Commencement
· ·	Residence halls close at 5 p.m.
	477

*Formal academic occasion

The Millsaps Purpose

Millsaps College is a community founded on trust in disciplined learning as a key to a rewarding life.

In keeping with its character as a liberal arts college and its historic role in the mission of the United Methodist Church, Millsaps seeks to provide a learning environment which increases knowledge, deepens understanding of faith, and inspires the development of mature citizens with the intellectual capacities, ethical principles, and sense of responsibility that are needed for leadership in all sectors of society.

The programs of the College are designed to promote independent and critical thinking; individual and collaborative problem solving; creativity, sensitivity, and tolerance; the power to inform and challenge others; and an expanded appreciation of humanity and the universe.

Pursuant of this purpose, Millsaps College is committed to the following objectives through its academic program, support services, and outreach to the wider community:

Academic Program

- to select well-prepared students of diverse social, ethnic, geographical, and age backgrounds
- to provide an integrated core curriculum in the liberal arts and sciences for all undergraduates
- to help students understand themselves and others and become responsible and effective citizens through their studies
- to provide opportunities for study in depth and the development of disciplinary competencies in undergraduate programs
- to provide a graduate program in business that develops future leaders and expands the body of knowledge in the practice of management
- to provide a curriculum which fosters student development in clear thinking, in oral and written communication, in quantitative reasoning, in aesthetic perception, and in the exercise of good judgment
- to promote the cognitive growth and ethical development of students through pedagogies that acknowledge different learning styles
- to foster a caring community that nurtures open inquiry and independent critical thinking to structure opportunities for students to become competent in self-assessment of their academic progress
- to enable undergraduate students to be successful in graduate and professional degree programs
- to prepare graduate students with a general management outlook toward organizations and the changing environment of business
- to recruit and retain a faculty well-qualified to support the academic program
- to provide faculty with resources for professional development in teaching, scholarship, and research.

College Support Services

to provide physical and financial resources sufficient to support the College mission to support the personal development of students through a program of counseling, student organizations, and social activities

to provide activities and facilities for the enhancement of student physical well-being to provide opportunities for student development in self-governance and in community governance

to provide for the aesthetic enrichment of students through a program of cultural events to foster the religious development of students through a program of campus ministry to provide library and computer resources for student learning and research that adequately support the academic program

to foster a safe and secure campus environment

to maintain an organizational structure that supports participation in college governance by students, faculty, staff, alumni, and administration, subject to procedures and policies approved by the Board of Trustees

to assess as needed the ongoing activities and programs of the College and to use those continuing assessments in planning and implementing college policies and activities.

College Outreach to the Wider Community

to foster a mutually supportive relationship between the Mississippi Conference of the United Methodist Church and the College

to provide educational services to alumni and others in the Jackson area

to maintain mutually beneficial cooperative relationships with local communities, schools, colleges, organizations, and agencies

to involve alumni and other constituents of the College in college affairs

to participate regionally, nationally, and internationally in cooperative programs with other colleges and universities as well as academic and professional associations.

Adopted by the Faculty and Board of Trustees of Millsaps College 1991/1992

Information for Prospective Students



History of the College

Millsaps College was founded in 1890 by the Methodist Church as a "Christian college for young men." The philanthropy of Major Reuben Webster Millsaps and other Methodist leaders in Mississippi enabled the College to open two years later on the outskirts of Jackson, the state capital, a town of some 9,000 population. The beginnings were modest: two buildings, 149 students (two-thirds of whom were enrolled in a preparatory school), five instructors, and an endowment of \$70,432. Fifty years later, the student body numbered 599 and the faculty had increased to 33. Women were admitted at an early date and the graduation of Sing Ung Zung of Soochow, China, in 1908, began a tradition of the College's influence outside the state.

By the time of its centennial celebration in 1990, enrollment at Millsaps had more than doubled with approximately one-half of the students coming from out of state. The quality of the liberal arts program was nationally recognized with the award of a Phi Beta Kappa chapter in 1988. A graduate program in business administration, begun in 1979, received national accreditation along with the undergraduate business program in 1990. Millsaps' first president, William Belton Murrah, served until 1910. Other presidents were David Carlisle Hull (1910-1912), Dr. Alexander Farrar Watkins (1912-1923), Dr. David Martin Key (1923-1938), Dr. Marion Lofton Smith (1938-1952), Dr. Homer Ellis Finger, Jr. (1952-1964), Dr. Benjamin Barnes Graves (1965-1970), and Dr. Edward McDaniel Collins, Jr. (1970-1978). Dr. George Marion Harmon was named president in the fall of 1978.

General Information

The close personal relationship among students, faculty and the administration is one of the most vital parts of the Millsaps experience. A liberal arts college designed to train students for responsible citizenship and well-balanced lives, Millsaps offers professional and pre-professional training coupled with cultural and disciplinary studies. Students are selected on the basis of their ability to think, desire to learn, good moral character and intellectual maturity. The primary consideration for admission is the ability to do academic work satisfactory to the College and beneficial to the student. Millsaps' 1,400-member student body represents about 35 states and several foreign countries. Students come from 25 religious denominations. All are urged to take advantage of the educational and cultural offerings of Mississippi's capital city of Jackson.

Research facilities available to students include the Mississippi Department of Archives and History, the State Law Library, the Jackson/Hinds Library System, the Rowland Medical Library and a number of other special libraries unique to the capitol area. Together, they provide research facilities found nowhere else in the state. Cultural advantages include the Mississippi Symphony Orchestra, New Stage Theatre, Mississippi Opera Association, and musical, dramatic, and sporting events held at the City Auditorium and the Mississippi Coliseum.

Millsaps is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the degrees of Bachelor of Arts, Bachelor of Business Administration, Bachelor of Liberal Studies, Bachelor of Science, Master of Accountancy, Master of Business Administration, and Master of Liberal Studies. The College is approved by the American Association of University Women and the University Senate of the United Methodist Church. The Business programs offered by the Else

School of Management, Millsaps College are accredited by the American Assembly of Collegiate Schools of Business. The Department of Chemistry is accredited by the American Chemical Society and the Department of Education is accredited by the National Council for the Accreditation of Teacher Education.

The Millsaps-Wilson Library

The Millsaps-Wilson Library has more than 285,000 volumes, 800 periodical subscriptions and a wide variety of electronic services, including CD-ROM and remote databases. It provides 390 seats in individual study carrels, tables and rooms as well as browsing and lounge areas. There is a collection of audio-visual materials and listening facilities, Special collections include the Lehman Engel Collection of books and recordings; the Mississippi Methodist Archives; the Kellogg Collection of juvenile books and curriculum materials; the Paul Ramsey collection in Applied Ethics; the Eudora Welty collection; U.S. Government Documents; the Millsaps Archives; and a rare book collection. An electronic library catalog is available on the College-wide network. The library is a member of the Central Mississippi Library Council and the Southeastern Library Network.

Computing Facilities

In today's increasingly complex and information-driven society, students need to understand the role of computing. Millsaps has developed outstanding computing resources for teaching, learning and research. From nine terminal complexes across the campus or from their residence hall room, students have access to the fiber optic-based College computer network, supported by a cluster of Digital Equipment VAX/VMS systems located in the Academic Complex. All students have computer accounts on the network and have access to electronic mail and word processing as well as the worldwide Internet network. In addition, two personal computer laboratories and a terminal classroom for teaching are located in Sullivan-Harrell Hall. Specialized facilities include two multimedia laboratories, an imaging laboratory in Sullivan-Harrell Hall, a personal computer laboratory for graduate students in Murrah Hall and laser printing services.

Buildings and Grounds

The 100-acre campus is valued at about \$30 million. Chief administrative offices are in the newly renovated James Boyd Campbell Administrative Center. Completed in 1994, the Center includes Whitworth Hall and Sanders Hall. Murrah Hall, built in 1914, was renovated in 1981 to house the Else School of Management. Sullivan-Harrell Hall, built in 1928 and renovated in 1990, houses the departments of Computer Studies, Geology, Mathematics, Physics, Education, Psychology and Sociology. The Olin Hall of Science, dedicated in 1988, houses the departments of Biology and Chemistry.

The Christian Center, completed in 1950, was built with gifts from Mississippi Methodists, alumni and friends. It has a 1,000-seat auditorium, a small chapel, classrooms and offices. In 1967, the stage was renovated into a modern theatre stage.

The Academic Complex, completed in 1971, includes a recital hall in which is located a 41-rank Mohler organ. The complex houses Music, Art, Political Science, Computer Services, Business Office, Office of Records, Business Affairs and the Office of Adult

Learning. It also contains sky-lit art studios, a student computer terminal room, a music laboratory and classrooms. The Millsaps-Wilson Library was built in 1927.

The Physical Activities Center, dedicated in 1974, has courts for basketball, tennis, badminton and volleyball. An outdoor swimming pool is adjacent to this facility. Other athletic facilities include tennis courts, a weight and fitness facility and fields for football, baseball, and soccer.

The Boyd Campbell Student Center houses the Office of Student Affairs, the bookstore, post office, student activity quarters, a recreation area, the grill and dining hall.

There are two single-sex women, one single-sex men and four coed residence halls, including a new residence hall that was completed in the fall of 1995. All dorms are centrally cooled and heated.

The James Observatory is an historical landmark located on the northwest corner of the campus.

Applying for Admission

Students applying to Millsaps as freshmen may choose from three decision plans.

Early Decision Plan

Students who have decided that Millsaps is clearly their first choice college and are certain they will enroll if admitted may apply under the Early Decision Plan. These candidates learn of admission and financial aid decisions earlier than all other applicants. By applying under the Early Decision Plan, students can complete the college selection process early in the senior year. Early Decision candidates are encouraged to file all admission credentials at the beginning of the senior year, and no later than November 15. Students who are admitted under the Early Decision Plan will be notified by December 5, and are expected to submit a nonrefundable enrollment and housing deposit of \$250 by February 1.

Early Action Plan

Early Action is an option for any student wishing to submit complete admission credentials and learn of admission early, without making an immediate commitment to enroll. The Early Action Plan does not require that Millsaps be a student's first choice. The deadline for submitting applications for Early Action is December 1, and admissions decisions will be mailed by December 20.

Regular Decision Plan

The Regular Decision Plan is when the majority of students applying to Millsaps submit their applications. Two rounds of consideration are available for students under the Regular Decision Plan. Round one is for applicants who submit complete admission credentials postmarked by February 1. Admissions decisions will be mailed by March 1. Round two is for students whose credentials are postmarked by March 1, with decisions mailed by April 1.

In applying for admission a prospective student should follow this procedure:

1. Submit a completed application for admission form with the application fee to the Director of Admissions. The fee is not refunded to a student unless the application is not approved.

- 2. Request the high school principal or college registrar to send an official transcript directly to the director of admissions.
 - (a) Transfers must include a transcript from every college or university attended.
 - (b) A prospective student enrolled in school at the time of application for admission should submit a final transcript upon completion of the course of study.
- 3. Freshman and junior college applicants must submit results of either the American College Test (A.C.T.) or Scholastic Aptitude Test (S.A.T.).

Applicants to the Adult Degree Program should apply directly to the director of the Adult Degree Program. Applicants for the Master of Business Administration degree should apply directly to the director of the MBA Program.

Orientation and Advisement

Orientation into the college community is essential to a student's college success. The importance of this process is seen through the College's commitment to the Perspectives program. Perspectives introduces the incoming student to a variety of issues and activities. Many are fun, some are challenging, but all are developed to inform the students about issues they will be facing throughout their college careers and beyond.

Building relationships is an important component of the program. The Perspectives group is led by student leaders who work with the group on a weekly basis addressing various issues. The faculty advisor works with the group through the orientation process and also serves as the initial academic advisor. This relationship continues until the student selects a major field of study, at which time a professor in that field becomes the advisor.

Admission Requirements

Millsaps College accepts without regard to race, color, sex, creed or national origin all who are qualified to benefit from its academic program.

Freshman Admission

Application for admission as a full-time student with freshman standing may be made by one of the following:

- 1. By high school graduation provided that:
 - (a) The student's record shows satisfactory completion of graduation requirements with at least 14 units of English, mathematics, social studies, natural sciences or foreign languages. Four units of English should be included.
 - (b) Students must submit the results of test scores of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.), along with a graded writing sample, and an official high school transcript.
- 2. By Equivalency Certificate
 - (a) Students who have not prepared for college may submit results of the General Educational Development Tests (G.E.D.) along with a transcript of work completed in lieu of requirements set forth in paragraph 1 (a).
 - (b) At the discretion of the Admissions Committee, results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.) may be required.

3. Early Admission

- (a) Students who are nearing high school graduation but choose to enter college before graduation may apply by submitting an official transcript and results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.).
- (b) At least 12 units in English, mathematics, social studies, natural sciences, or foreign languages must be included. Normally, four units of English are required.

Transfer Admission

A transfer student is one entering Millsaps as a full-time student from another institution of higher learning. A completed application for admission and an official transcript from each college or university in which the applicant has been enrolled is required. These policies apply to the transfer applicant:

- Full credit is normally allowed for work taken at other accredited institutions. Some courses which are not regarded as consistent with a liberal arts curriculum may not be credited toward a degree.
- 2. After earning 16 course units or 64 semester hours at a junior or senior college, a student may not take additional work at a junior college and have it apply toward a degree from Millsaps.
- 3. A final high school transcript and official ACT or SAT scores may be requested as part of the necessary application credentials for any transfer student who has completed less than two full years of senior college work.
- A student must complete the work necessary to fulfill requirements for a major at Millsaps.
- 5. Grades and quality points earned at another institution will be recorded as they are on the transcript. The student must earn at Millsaps at least a 2.0 grade point average after transfer credits are entered.
- 6. In the case of a student transferring to Millsaps with partial fulfillment of a core requirement, the registrar in consultation with the appropriate faculty committee may approve courses to substitute for the remainder of the requirement. Students should consult with the Office of Records for college policy on courses that will substitute.
- The student is subject to Millsaps regulations on advanced placement and credit by examination.
- 8. Credit is not given for correspondence courses.

Part-time Admission

A part-time student is one enrolled in a degree program but taking fewer than three courses. Requirements for admission and policies pertaining to part-time students are the same as those for full-time students.

Adult Degree Program Admission

Students are admitted to the Adult Degree Program through the Office of Adult Learning. They may be part-time or full-time students, depending upon their occupational and family responsibilities. Application forms, as well as information about the program, may be obtained from the Office of Adult Learning. Students seeking admission to the Adult Degree Program must submit the following:

- 1. The completed application form.
- 2. A nonrefundable application fee.
- 3. Official transcripts of all previous academic work.

- 4. Two letters of recommendation.
- 5. An essay introducing the applicant to the ADP Advisory Committee and stating the applicant's educational goals.

Students admitted to the Adult Degree Program are degree candidates.

Special Student Admission

A special student is one enrolled in a non-degree program. Applicants should submit the Special Student Application Form along with the application fee to the Office of Adult Learning. Transcripts of all academic work attempted must be provided to the Office of Records prior to the end of the first month of enrollment. The following policies apply to special students:

- Special students are expected to be 21 years of age and must present evidence of good character and maturity. Age requirements may be waived.
- Special students may enroll for courses without regard to graduation requirements, but must meet prerequisites for courses chosen.
- 3. Special students wishing to apply for a degree program must re-apply, provide full credentials and meet admission requirements for degree students.

International Student Admission

Millsaps College welcomes international students. Admission credentials should be submitted well in advance of the semester in which one expects to enroll. Admissions credentials include the following:

- 1. Completed admission forms.
- 2. Official transcript of all work attempted with an English translation.
- 3. Scores from the Test of English as a Foreign Language.
- 4. Letters of recommendation from two persons.
- 5. The application fee.
- 6. A statement of resources for financial support while in the U.S.

Financial assistance is available to eligible non-citizens, but is not available to international students. International students must come prepared to pay the full cost of attending Millsaps and to support themselves during periods when the College is closed.

Leaves of Absence and Readmission

Students who leave the College for one semester or longer may apply for readmission by completing the appropriate application and presenting transcripts for all academic work attempted while away from the College. Students on approved leaves of absence are not required to apply for readmission. They must, however, meet with the Director of Academic and Career Development for information about the leave of absence process. Those who are absent for more than four years may be required to meet graduation requirements in effect at the time of readmission or do additional work in their major in order to qualify for a degree.

Advanced Placement and Credit by Examination

Students entering Millsaps College may earn a waiver of certain requirements or college credit as a result of their performance on specific examinations. The amount of waiver or credit is limited to two courses in any discipline and to seven courses overall, with the exception of the Adult Degree Program where the limits are three and eight courses respectively.

Scores on the appropriate Advanced Placement examination, C.L.E.P. subject matter examination, or C.E.E.B. achievement test should be sent to the Office of Records for evaluation. A score of 4 or 5 is ordinarily required on an AP exam in order to receive

academic credit, although in some departments a score of 3 is accepted if validated by subsequent work in the discipline. If a waiver of requirements or credit is granted, the score on the examination used will be recorded on the student's record in lieu of a letter grade. An administrative fee will be assessed for each course so recorded. (See the section on Special Fees.)

For information concerning scores necessary to attain course credit for Advanced Placement or other examinations, such as C.L.E.P., students should consult with the registrar or the dean of the college.

Additionally, Adult Degree Program students (BLS candidates) may develop and submit appropriate portfolios for consideration for non-graded academic credit. Detailed information is available in the Prior Learning Credit Handbook which is distributed during orientation to all ADP students.

Counseling Services

Since counseling is a wonderful opportunity for personal growth, a wide array of counseling services are offered through Counseling Services. The counselor can assist students in improving academic performance by helping them improve study skills techniques such as time management, note-taking, problem-solving, and test-taking. Help is also available for students wishing to engage in self-exploration and goal-setting; to discuss relationships, stress reduction, or other personal concerns; and to obtain information on other community resources. Referrals to professionals or treatment programs off campus will be made when appropriate.

The Career Center

Career planning begins in the first year of college with the exploration of academic majors. Through interest testing, planning and consultation with the Career Center staff, students can explore academic interests and possible career directions.

To aid students in developing their interests, the Career Center sponsors the Meet Your Major Fair in the fall and spring at which faculty and students of the majors are available to talk to first and second year students about majors and goals. In addition, the Career Center offers a large number of internship positions nationally and locally which may be taken for credit beginning in the second semester of the freshman year.

Developing skills in resume writing, interviewing and job search strategies are emphasized for juniors and senior students through workshops as well as through individual sessions with the Career Center staff. Current listings of employment opportunities are available for both full and part time work. Opportunities to meet with representatives from graduate and professional schools, businesses, and government agencies are scheduled through on-campus interview schedules and through the Graduate School Fair in the fall and Job Fair in the spring.

Student Housing

Student housing is an important service rendered by any college. However, Millsaps places a great deal of emphasis on the learning process that takes place within the residence halls. The student housing program is administered by a team of professionals including the Associate Dean of Students, Director of Student Housing, Residence Life Coordinators, and Resident Assistants.

Housing assignments for new students are made by the Director of Student Housing who can be found in the Office of Student Affairs. This person assists students in determining their living situations by taking into account building preference, roommate choice, and several other factors. Questions regarding the assignment process should be forwarded to the Director of Student Housing.

Millsaps is a residential college based upon the belief that a significant amount of learning and growth takes place outside of the classroom. As such, a residency requirement has been established. All students classified, by credit units, as freshmen or sophomores are required to live in college residence halls. Exceptions to this policy may be granted if the student is married or lives with their immediate families in Jackson or vicinity. Freshmen and sophomore students are not allowed to live in the fraternity house during the academic year.

Residence hall rooms are designed to house two students each. Students should send the completed housing forms and housing deposit by the designated date. Assignments are made in the order of seniority for housing (classification, deposit, etc.). Students wishing to room together should specify their desire to room together on their housing request. Single rooms are normally not available. Room rent cannot be refunded after the semester begins.

Assignments for upperclass students are made in the spring. The process is arranged with Student Affairs and the RHA. Students should contact the RA or RHA representative for more information.

Current students who have become academically ineligible and who have not been readmitted on petition by June 1 will be refunded the room deposit. These students, if readmitted at a later date, will need to pay the room deposit and will be put on a waiting list for room assignments.

A quiet wing option is offered for first year students who wish to live in an environment where more intensive study is possible 24 hours a day.

Residence halls open at 9 a.m. on the day preceding each term and close at 12 noon on the day following the last scheduled examination of each term. For Thanksgiving and spring holidays, the residence halls will close at 3 p.m. on the last day of scheduled classes and reopen at 3 p.m. on the day preceding the resumption of classes. Students are not housed in residence halls during Thanksgiving, Christmas, or spring holidays.

Wesson Health Services

Millsaps College offers a comprehensive health care program for its students. This program is administered through the College nurse who is certified in college health nursing. The nurse works with the school physicians to provide health and emergency care for students. The school physicians hold clinic on campus twice a week. Students should contact the College nurse (974-1207) for appointments and for more information regarding the various services provided.

Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, Millsaps students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution. It also ensures that records cannot be released without the written consent of the student except in the following situations:

- (a) to school officials and faculty who have a legitimate educational interest, such as a faculty advisor;
- (b) where the information is classified as "directory information." The following categories of information have been designated by Millsaps College as directory information: Name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational institution attended by the student, and information needed for honors and awards. Students who do not wish such information released without their consent should notify the Office of Records in writing prior to the end of the first day of classes.

For a full statement of policy concerning the confidentiality of student records, consult the Office of Records or the Office of Student Affairs.

Millsaps College will not release transcripts of records until all accounts are paid in full. Should a party otherwise obligated to pay a just debt to the College fail to pay any such debt or cost to the College, then the debt may be turned over to an agent for collection and any such cost of collection must also be paid in full before the transcript is released.

Financial Information



Tuition and Fees

Millsaps College is an independent institution. Each student is charged a tuition which covers a part of the cost of an education. The balance is met by income from endowment and by gifts from the United Methodist Church, alumni, trustees, parents, and other friends.

Semester Expenses for Full-Time Undergraduate Students

Basic Expenses for one semester are:

•	Residence Hall Student	Non-Residence Hall Student
Tuition	\$6,224	\$6,224
Comprehensive Fee	320	320
Room rent (1)	1,339 – 1,905	
Meals (2)	1,112	
Total	\$8,995 - \$9,561	\$6,544

- (1) Residence Hall rooms are ordinarily rented on a yearly basis according to the schedule below. This schedule of charges is for students who enter in the fall. Those students who enter second semester will pay half the annual rate for their type of occupancy. If the student changes type of occupancy during the year, the charge will be adjusted accordingly. See schedule of payment and residence hall options below.
- (2) This is the charge for the 21 meal per week plan. A 14 meal plan is available for \$1,082.

Schedule of Payment for Rooms

	1st Sem.	2nd Sem.	Total
Double Occupancy: Bacot, Ezelle,			
Franklin, Galloway	\$1,607	\$ 1,071	\$2,678
Goodman House	1,993	1,387	3,380
Sanderson Hall, North Wing	1,909	1,273	3,182
Sanderson Hall, South Wing,			
New South Hall, South Wing	2,065	1,376	3,441
New South Hall, North Wing	2,286	1,523	3,809

All residence halls are air conditioned.

Semester Expenses for Part-Time Undergraduate Students

(Fewer than 3 course units)
1 course unit\$1,556

2 course units	3,112	
Comprehensive Fee	84	per course unit

Semester Expenses for MBA/MAcc Students

1 graduate hour	.\$	495	
Comprehensive Fee		10	per hour

Reservation Deposits

- New Students All full-time students must pay a reservation deposit of \$100. If a student decides not to come to Millsaps, this deposit is refundable if the Admissions Office receives a written request for refund prior to May 1.
- Returning Students All returning students requesting campus housing must pay a reservation deposit of \$100 by May 15 to be assured of a room. If a student decides to withdraw from college housing, this deposit is refundable if a written request for refund is received prior to May 15. Upperclass students living in Goodman House will be required to pay a utilities fee of \$175 at the beginning of each semester.

Reservation deposits will be credited to the student's account upon enrollment.

Comprehensive Fee

Millsaps charges each full-time undergraduate student a comprehensive fee of \$320 per semester which includes a portion of the cost of student activities and student government, laboratory and computer usage, post office, parking and certain special instructional materials. Part-time undergraduate students will be charged a proportionate amount.

Special Fees

The general purpose of special fees is to allocate to the user at least a portion of the direct cost for providing special services, equipment and facilities.

- **Course Overload Fee** A fee of \$400 per course unit is charged for course loads above four and one-quarter courses.
- Late Fee A \$25 late fee will be charged for both late payment and late scheduling of classes. The late fee will apply beginning the second day of classes each semester.
- Change of Schedule Fee A \$5 fee will be charged for each change of schedule authorization processed. Any change initiated by the College will have no fee.
- Music Fee A fee of \$180 is charged for private music lessons other than voice, piano, and organ per 1/4 course credit (1/2 hour lesson per week).
- Credit by Examination Fee A \$25 fee is assessed to record each course for which credit is allowed if the credit is not transfer credit or if the examination is not a Millsaps examination.
- Auditing of Courses Courses are audited with approval of the Dean of the College. There will be no additional charge to a full-time student for auditing any course. All other students must pay regular tuition and fees for auditing courses, except that persons 60 and over may audit undergraduate courses for one-half tuition and fees on a space available basis.
- Senior Citizens Qualified senior citizens (60 and over) enrolled in an undergraduate degree program pay one/half tuition for the first course taken each semester and full tuition for additional courses. All related fees will be paid at regular rates.
- Graduation Fee The \$75 fee covers a portion of the cost of the diploma, the rental of a cap and gown, and general commencement expenses. For students in majors which require a national exam as part of their comprehensive examination, any fee charged for this exam will be their responsibility.

Financial Regulations

Payments - All charges for a semester are due and payable two weeks prior to the first day of classes. A student is registered and eligible to attend classes only after payment or other arrangements have been made with the Business Office.

Any accounts due for any preceding semester must be paid before a student will be enrolled for the succeeding semester. Students must settle all financial accounts due the College before the final examination period begins. The registrar is not permitted to transfer credits until all outstanding indebtedness is paid. No student will graduate unless all indebtedness, including library fines and graduation fee, has been settled. *

Any student account that remains unpaid at the end of the semester and not paid within (30) days will be turned over to an outside collection agency for assistance in collecting. The student will be responsible for all collection costs and/or attorney fees necessary to collect these accounts.

The Millsaps Plan is available for parents who prefer a flexible no-cost system for paying educational expenses in regularly scheduled payments over a period of months, instead of one lump sum payment at the beginning of each semester. For more information, write to:

The Millsaps Plan

c/o Business Office Millsaps College Jackson, MS 39210-0001

Cashing Personal Checks - Personal checks for a maximum of \$100 may be cashed in the Business Office and a maximum of \$10 in the Bookstore upon presentation of a Millsaps identification card.

Returned Checks - A charge of \$15 will be made for each returned check.

Refunds - Room rent cannot be refunded after the semester has begun. Unused amounts paid in advance for board are refundable. A student who withdraws with good reason from a course or courses will have seven days including the date of the first meeting of classes to receive a refund of 80 percent of tuition and fees; within two weeks, 60 percent; within three weeks, 40 percent, and within four weeks, 20 percent. If a student remains in college as long as four weeks, no refund will be made except for board. Students receiving Federal financial aid will be subject to the Federal guidelines with respect to withdrawal.

The date of withdrawal from which all claims to reductions and refunds will be referred is the date on which the registrar is officially notified by the student of the intention to withdraw. (See regulations relative to withdrawals.)

The College reserves the right to cancel the registration of any student at any time. In such a case, the pro rata portion of tuition will be returned. Students withdrawing or removed under disciplinary action forfeit the right to a refund.

Meal Plan - Students living in college or fraternity housing are required to participate in the College meal plan.

Students Rooming in Fraternity Houses - Rules regarding payment of board and fees applicable to other campus residents will be observed by these students.

Revision of Charges - Millsaps College reserves the privilege of changing any or all charges or financial regulations at any time without prior notice.

Scholarships and Financial Aid

Millsaps College grants scholarships and financial aid to students on two bases: financial need and academic excellence.

To apply for need-based assistance, information may be obtained from the Dean of Student Aid Financial Planning. Millsaps will accept any federally approved financial need analysis form. The first processing deadline is March 1.

Academic scholarships are provided by Millsaps to students who demonstrate outstanding academic and artistic talents or ability. These scholarships are awarded without regard to need and are offered to freshmen and entering transfer students only. Students must be admitted and submit the Application for Academic Scholarship by February 1. The application may be obtained from the Office of Admissions.

Institutional Scholarships

- **Dependents of United Methodist Ministers** serving in an appointment by a Bishop of an annual conference receive scholarship aid from the College.
- **General Scholarship Funds** are budgeted each year to help students requiring financial aid.
- **Departmental Awards** are offered in art, music, and speech. The recipients are selected by a committee of faculty from the applicable department, division or school.
- The David Martin Key Scholarships are granted to promising students who are designated as the Key Scholars and are renewable if academic requirements are met. They are a memorial to Dr. David Martin Key, who served the College as teacher and president.
- **Leadership Scholarships** are awarded to outstanding students with special talent in academic and fine arts areas. Selection is based on the merit of the nominee in the field of recommendation as well as test scores, grades, and leadership. These awards are renewable annually.
- **The Tribette Scholarship** is awarded annually to the member of the sophomore or junior class whose quality index is highest for the year.
- United Methodist Ministerial Students annually receive a \$1,000 scholarship, contingent upon at least one year's reciprocal service in the ministry of the United Methodist Church.
- **United Methodist Scholarships** provide \$500 each for several Methodist students who have ranked in the upper 15 percent of their class and exhibit financial need.
- Millsaps United Methodist Scholarships are a cooperative offer of the Methodist student's local church and Millsaps College. The local church provides \$1,000 a year and Millsaps provides \$2,000 a year for four years.

Endowed and Sponsored Scholarship Funds

The generosity of many individuals, families, corporations, and foundations is directly responsible for the scholarship funds shown below. If you desire information concerning the requirements of a particular scholarship, contact the Dean of Student Aid Financial Planning.

ADP/English
ADP/Liberal Studies
ADP/General
H. V. and Carol Howie Allen Endowed
Scholarship
Robert E. Anding Endowed Scholarship

Endowed Art Scholarship

Annie Redfield and Abe Rhodes Artz Endowed Scholarship Burlie Bagley Scholarship Violet Khayat Baker Memorial Music Fund Michael J. "Duke" Barbee Endowed Scholarship Fund Bell-Vincent Scholarship Bergmark Scholarship Dr. Robert E. Bergmark Endowed Scholarship J. E. Birmingham Memorial Scholarship Black Student Scholarship

Kathryn and Derwood Blackwell Endowed Scholarship

Major General Robert and Alice Ridgway
Blount Family Drama Scholarship

Roy N. and Hallie L. Boggan Sponsored Scholarship

Alfred Bourgeois Sponsored Scholarship Jesse and Ruth Brent Scholarship Pet and Randall Brewer Memorial

Scholarship W. H. Brewer Scholarship

Lucile Mars Bridges Endowed Scholarship Reverend and Mrs. A. M. Broadfoot Memorial Scholarship

Reverend and Mrs. W. T. Brown, Jr. Memorial Scholarship

C. Leland Byler Endowed Scholarship A. Boyd Campbell Scholarship James Boyd Campbell Memorial

Endowed Scholarship
Charles Noel Carney Sponsored

Scholarship
Dr. Elbert Alsten Check and Ser

Dr. Elbert Alston Cheek and Son Scholarship

Chevron USA Sponsored Scholarship Reverend and Mrs. C. C. Clark

Endowed Scholarship Coca-Cola Foundation Minority Endowed Scholarship

Kelly Gene Cook Scholarship

Ella Lee Williams Cortright and Dorothy Louise Cortright Endowed Scholarship George Caldwell Cortright Endowed

Scholarship

George Curtis Cortright Endowed Scholarship Ira Sherman and Dorothy Louise Cortright Endowed Scholarship

Magnolia Coullet Scholarship

Dr. and Mrs. J. R. Countiss, Sr. Scholarship Carol Covert Memorial Endowed

Carol Covert Memorial Endowed Scholarship

Dr. and Mrs. C. W. Crisler Endowed Scholarship

Dr. T. M. Brownlee and Dan F. Crumpton Scholarship

Helen Daniel Memorial Scholarship Mr. and Mrs. Lamar Daniel Scholarship Davenport-Spiva Scholarship

Charles W. and Eloise T. Else Endowed Scholarship Fund

Else Scholars Award

Maggie Flowers Ewing Sponsored Scholarship Robert L. Ezelle, Jr. Scholarship Faculty Scholarship Fund

Ben Fatherree Bible Class Scholarship

Felder and Carruth Memorial Scholarship Dr. Marvin J. Few Scholarship The Josie Millsaps Fitzhugh Scholarship Bishop Marvin A. Franklin Scholarship Irene and S. H. Gaines Scholarship The Marvin Galloway Scholarship

John T. Gober Scholarship N. J. Golding Scholarship Pattie Magruder Sullivan Golding

Endowed Scholarship Sanford Martin Graham Scholarship Graves Family Endowed Scholarship The Clara Barton Green Scholarship Wharton Green '98 Scholarship

S. J. Greer Scholarship
John Guest Endowed Scholarship
Clyde and Mary Hall Scholarship
Mr. and Mrs. D. H. Hall Scholarship
M.H. Hall Endowed Scholarship
James E. Hardin Memorial Scholarship

James E. Hardin Memorial Scholarship Paul Douglas and Mary Giles Hardin Scholarship W. Troy Harkey Endowed Music

Scholarship
Martha Parks Harrison Endowed
Scholarship

William Randolph Hearst Endowed Minority Scholarship

Karim E. Hederi Endowed Scholarship Nellie K. Hederi Endowed Music

Scholarship
John Paul Henry Scholarship

Martha and Herman Hines Endowed Scholarship Holloman Family Endowed Scholarship

Ralph and Hazel Hon Scholarship
Albert L. and Florence O. Hopkins
Scholarship

Joseph W. Hough Scholarship Kenneth Humphries Memorial Scholarship

Harrell Freeman Jeanes, Sr. Endowed Scholarship

Reverend and Mrs. John Henderson Jolly Endowed Scholarship Beth Griffin Jones Adult Scholarship

Beth Griffin Jones Adult Scholarship Endowment

Vernon Jones Scholarship
Dan and Rose Keel Scholarship
Rames Assad and Edward Assad Khayat

Memorial Endowed Scholarship Alvin Jon "Pop" King Music Scholarship Samuel R. Knox Endowed Scholarship

Frank M. Laney Endowed Scholarship Norman C. Moore Lawrence Memorial Scholarship

Mr. and Mrs. C. E. Lecornu Scholarship S. Herschel Leech Endowed Scholarship Dr. John Willard Leggett, Jr. Endowed Scholarship Fannie Buck Leonard Memorial Endowed Scholarship

Mary Sue Enochs Lewis Scholarship Reverend and Mrs. W. C. Lester

Scholarship

James J. Livesay Endowed Scholarship Forest G. and Maude McNease Loftin

Memorial Scholarship

Susan Long Memorial Scholarship Jim Lucas Endowed Scholarship Lida Ellsberry Malone Scholarship Mr. and Mrs. G. W. Mars Scholarship Robert and Marie May Scholarship S.W. and Ella C. McClinton Endowed Scholarship

McDonald Family Scholarship

The Will and Della McGehee Memorial

Scholarship

Joan B. McGinnis Endowed Scholarship James Nicholas McLean Scholarship Meeks Ford Teaching Fellowship David W. Meeks Scholarship Arthur C. Miller Pre-Engineering

Scholarship

Harold D. Miller, Jr. Sponsored Scholarship Endowed Minority Scholarship Fund The Mitchell Endowed Scholarship Robert D. and Alma Moreton Scholarship E. L. Moyers Endowed Scholarship Cooper Neill Adult Degree Endowed Scholarship

J. L. Neill Memorial Scholarship Reverend Arthur M. O'Neil Scholarship Marty Paine Endowed Scholarship

Marianne and Marion P. Parker Endowed Scholarship

William H. Parker Endowed Scholarship William George Peek Endowed Scholarship Randolph Peets, Sr. Endowed Scholarship The Bishop Edward J. Pendergrass

Scholarship

J. B. Price Scholarship Lillian Emily Benson Priddy Scholarship Kelly Mouzon Pylant Memorial

Scholarship

Dr. T.W. Rankin Teaching Fellowship Endowed Scholarship in Religion Jane Bridges Renka Endowed Scholarship Reynolds Family Sponsored Scholarship R. S. Ricketts Scholarship

Ridgway Endowed Choral Music Scholarship Frank and Betty Robinson Memorial

Scholarship

Velma Jernigan Rodgers Award Thomas G. Ross, M.D. Pre-Med Scholarship James R. Rush and Mary B. Rush Endowed Scholarship

H. Lowry Rush, Sr. Scholarship Richard O. Rush Scholarship Paul Russell Scholarship

Silvio A. Sabatini, M.D. Memorial Scholarship

Scott Schild Scholarship

Charles Christopher Scott, III Scholarship George W. Scott Scholarship

Mary Holloman Scott Scholarship

William E. Shanks Sponsored Scholarship Reverend and Mrs. Lonnie M. Sharp Scholarship

Albert Burnell Shelton Scholarship William Sharp Shipman Foundation

Scholarship Robert Emmett Silverstein Scholarship Janet Lynne Sims Endowed Scholarship Marion L. and Mary Hanes Smith Endowed

Scholarship

Willie E. Smith Scholarship Dr. Thomas R. Spell Endowed Scholarship Sadie Spencer Scholarship Fund

Reverend and Mrs. C. J. Stapp Memorial Scholarship

Dr. Benjamin M. Stevens Scholarship Daisy McLaurin Stevens Ford Fellowship E. B. Stewart Endowed Scholarship E. Edward Stewart Scholarship Fund R. Mason Stricker Memorial Scholarship Mike Sturdivant Scholarship

Dr. W. T. J. Sullivan, Dr. J. Magruder Sullivan and C. Caruthers Sullivan Memorial Endowed Scholarship

Charles E. Summer, Jr. Sponsored Scholarship E. H. Sumners Scholarship

Jonathan M. Sweat Music Endowment Mr. and Mrs. J. H. Tabb Endowed

Scholarship

Tatum Family Endowed Scholarship Rowan H. Taylor, Sr. Endowed Scholarship William H. Tribette Endowed Scholarship Florence M. Trull Memorial Scholarship Navy V-12 Memorial Scholarship Dennis E. Vickers Endowed Scholarship James Monroe Wallace, III Scholarship The Vicksburg Hospital Medical Foundation Endowed Scholarship in

honor of Emmett and Ellen Ward Dollie Mae and Paul Adolph Warren Scholarship

W. H. Watkins Scholarship

John Houston Wear, Jr. Foundation Scholarship

James Thompson Weems Endowed Scholarship

Mary Virginia Weems Endowed Scholarship

Dr. Vernon Lane Wharton Scholarship Julian L. Wheless Scholarship Milton Christian White Scholarship Lettie Pate Whitehead Scholarship E. F. Williams Sponsored Scholarship

Loan Funds

Federal Stafford Loan Program.

Federal Stafford Loans are available to students who demonstrate need and are enrolled at least halftime. An undergraduate student may borrow up to \$2,625 for their first year; \$3,500 for their second year and \$5,500 a year for the remainder of their undergraduate years for an aggregate amount of up to \$23,000. A graduate student may borrow up to \$8,500 a year for an aggregate total of \$65,500 (including undergraduate loans). Application forms may be obtained from a commercial lender or from the Dean of Student Aid Financial Planning.

Interest rate: The interest rate for first-time borrowers is a variable rate of T-bill plus 3.10% with a cap of 8.25%.

Fees: There is a 3% origination fee and up to 1% guarantee fee.

Repayment: Repayment of the loan begins 6 months after termination of education or anytime that the academic load drops below halftime. The loan may be repaid over 10 years.

Unsubsidized Federal Stafford Loan Program

This loan program has the same terms and conditions as the Federal Stafford Loans, except that the borrower is responsible for the interest that accrues while the student is in school. The program is open to students who may not qualify for the subsidized Stafford Loans or may qualify for only partial subsidized Stafford Loans. The student borrower does not have to show financial need for this loan. Independent students may have a higher loan limit if they show the eligibility for supplemental loan funds.

Federal Parent Loan for Undergraduate Students (FPLUS) and

FPLUS loans provide parents with additional funds for educational expenses. These loans may be obtained from commercial lenders. The parent who borrows through this program will be able to borrow up to the difference between the cost of the institution and the financial aid the student receives for the loan period. There is not an aggregate limit. The parent must not have an adverse credit history. The student must be a dependent and be enrolled at least halftime. FPLUS borrowers do not have to show need to borrow under this program. Disbursement of the loan funds will be made copayable to the borrower and the school.

Interest rate: FPLUS loans carry a variable interest rate tied to T-bill plus 3.10%. The FPLUS loan will not exceed 9%.

Fees: There is a 3% origination fee and a guarantee fee up to 1%.

Repayment and Deferment: Repayment of a FPLUS begins the date of disbursement. Borrowers should contact the lender for information concerning deferment of principal and capitalization of interest.

Federal Perkins Loan Program

Millsaps makes these loans available to undergraduate students who demonstrate need. Student may borrow up to \$15,000 for an undergraduate degree. Repayment and accrual of interest at the rate of 5% begin six months after the student drops below halftime enrollment status. Deferment and loan forgiveness may be available for community service work, for full-time teachers in shortage fields, and for full-time employees of public or private nonprofit child or family service agencies. Detailed information concerning this loan and application forms can be secured from the Dean of Student Aid Financial Planning at Millsaps.

Other loan funds include:

W. P. Bagley Memorial Loan Fund
Joseph C. Bancroft Loan Fund
C.I.O.S. Foundation Loan Fund
Coulter Loan Fund
Claudine Curtis Memorial Loan Fund
William Larken Duren Loan Fund
Paul and Dee Faulkner Loan Fund
Kenneth Gilbert Endowed Loan Scholarship
Jackson Kiwanis Loan Fund
Joe B. Love Memorial Loan Fund
Graham R. McFarlane Loan Scholarship
J. D. Slay Ministerial Loan Fund
United Methodist Student Loan Fund
George R. and Rose Williams Endowed Loan Fund
George W. Wofford Loan Fund

Additional Financial Aid Opportunities

- **Part-time Employment:** Students who want part-time work on campus must apply through the Financial Aid Committee. Students seeking employment off campus may contact the Placement Office.
- **The Federal Work-Study Program** has been established from funds contributed by the federal government and the College to provide financial assistance through employment.
- **State Student Incentive Grants** are provided by Millsaps, the state of Mississippi and the federal government. These funds are to help qualified students with substantial financial need.
- Federal Supplemental Educational Opportunity Grants are provided by the federal government to provide supplemental grants to other aid to assist in making available the benefits of higher education to qualified students of exceptional financial need who, for lack of financial means of their own or their families, would be unable to obtain an education without such aid.
- The Federal Pell Grant was established by the Educational Amendments of 1972 and is funded by the federal government. When the grant is fully funded, the maximum award is \$2,300.

Mississippi Grant Programs:

- **Mississippi Tuition Assistance Grant** is for residents (lived four years in state) of the state of Mississippi. When fully funded the maximum grant is \$500 for freshmen and sophomore and \$1,000 for juniors and seniors.
- **Mississippi Eminent Scholars Grant** is for residents of the state of Mississppi. When fully funded the maximum grant is \$2,500 each year for four years.
- There are academic requirements for each of these programs.

Student Life



Campus Ministry

Religious life at Millsaps centers around the churches, synagogues and other faith communities of the city of Jackson and the campus ministry program coordinated through the Campus Ministry Team and the office of the Chaplain. Churches provide communities of faith for students, faculty and staff. The campus ministry program attempts to provide experiences which explore the meaning of a life of faith for a college community.

To accomplish this, a varied program is offered: sponsorship of special programs on the Millsaps Forum Series on various social, religious and personal issues; field trips to various places, including the New York Seminar; faculty-student-staff programs on various issues on campus and in the larger society; fellowship experiences; Bible studies; mentoring programs in neighboring schools; projects in the community working with disadvantaged populations; chapel and special services such as All Saints Day, Advent, Ash Wednesday and Maundy Thursday Services; emphases on such issues as AIDS; and many others. In addition, the campus chapter of Habitat for Humanity is very active and the Midtown Project involves a large number of volunteers in a city-wide effort to rehabilitate this historic area of the city which has suffered greatly from drugs, violence and deteriorating housing. All of these experiences are meant to communicate an active understanding of the life of faith as it addresses crucial social needs. Overall, the campus ministry program at Millsaps is one of the most varied on campus.

In addition to the Campus Ministry Team, other programs operating on campus include Catholic Campus Ministry, Fellowship of Christian Athletes, the Methodist student group, and Primetime (a Christian fellowship group). All campus ministry is strongly ecumenical. Furthermore, in addition to the College Chaplain, the College has been fortunate to have additional part-time and full-time persons working on campus from time to time through such programs as the United Methodist Mission Intern Program and the Catholic VOICE program. We are pleased to currently have a member of the Order of the Living Word working on campus with Catholic students.

The Office of the Chaplain serves as a liaison with churches, with The Mississippi Conference of the United Methodist Church, and with other denominations. Furthermore, a working relationship has been established with many community projects and agencies as vehicles for student involvement.

Public Events

The Public Events Committee receives funds from the student government and the College to sponsor programs of general interest to the campus and community. Its major activity is the Millsaps Forum Series - a continuing slate of speakers during the academic year. The objective of the series is to provide information and stimulate interest in current issues, to explore historical events, and to present differing perspectives on controversial subjects. Faculty members, local authorities and national experts are invited to present their thoughts on a variety of literary, cultural, scientific, political, religious and historical topics.

In addition to the Forum Series, the Public Events Committee sponsors special events throughout the academic year. It provides funds to student organizations and academic departments interested in organizing programs open to the entire campus. These include films, guest speakers, and music recitals.

All of these activities have to do with the true aim of liberal education: the liberation of the mind to grasp the world of nature and of human experience and action in all its richness and complexity, and to respond with awareness, sensitivity, concern, and mature judgment.

Athletics

The Athletic policy of Millsaps College is based on the premise that athletics exist for the benefit of the students and not primarily to enhance the prestige and publicity of the College.

Competitive sports conducted in an atmosphere of good sportsmanship and fair play can make a significant contribution to the complete physical, emotional, moral, and mental development of the well-rounded individual. They are thus an integral part of a program of liberal education. An attempt is made to provide a sports-for-all program and to encourage as many students as possible to participate.

Intercollegiate Athletics

The program for men includes football, basketball, baseball, cross country, tennis, golf and soccer. The women's program includes basketball, tennis, soccer, cross country, volleyball and golf.

The programs are conducted on guidelines established by the National Collegiate Athletic Association for Division III institutions and the Southern Collegiate Athletic Conference.

Those who participate in intercollegiate athletics are required to observe and maintain the same academic standards as other students.

Campus Recreation

The largest and most popular aspect of campus recreation at Millsaps is the intramural program. Intramurals have provided competition, exercise and recreation for men and women at Millsaps for many years. Activities include volleyball, tennis, soccer, basketball golf, flag football, frisbee golf and softball.

Sport clubs continue to grow in popularity. These organizations are organized by faculty, staff and students with a common interest. Recent active clubs include cycling, dance, water skiing, indoor soccer and karate.

The popularity of fitness has brought aerobics to campus. A variety of aerobics classes are offered in the new fitness building and a weight lifting room is also available for all students, faculty and staff.

Publications

- **The** *Purple and White*, the official student newspaper of the College, is edited, managed, and written by students. The *P & W* provides coverage of Millsaps events, as well as serving as a campus forum.
- **The** *Bobashela*, the student yearbook of Millsaps College, gives an annual comprehensive view of campus life. *Bobashela* is an Indian name for good friend.
- *Stylus*, the student literary magazine, publishes twice a year the best poetry, short stories, essays, and art submitted by Millsaps students.

Music and Drama

- The Millsaps Singers Open by audition to all students, the Singers represent Millsaps in public performances, campus programs and annual tours throughout the state and other areas of the United States. In recent years the choir has traveled to Colorado; to Washington, D.C.; to Atlanta to record for the National Protestant Hour; and to Europe. The choir has sung with the Memphis Symphony Orchestra, the Mississippi Symphony, the Chicago Chamber Orchestra and the New Orleans Philharmonic.
- The Chamber Singers Open by audition to members of the Millsaps Singers. The Chamber Singers present concerts to United Methodist congregations throughout the state each semester. A spring tour gives the Chamber Singers opportunities to sing for national audiences. Scholarships are available for this choral ensemble. Recent tours have been to Chicago and other important centers in the Midwest and the Texas cities of Dallas, Houston, and San Antonio.
- The Wind Ensemble The Wind Ensemble is an important performing group within the Music Department. Made up of brass, woodwinds, and percussion, this ensemble is open to all students with instrumental and musical experience. They enjoy giving performances alone or in concert with the Millsaps Singers.
- The Millsaps Players The Millsaps Players, now in their seventh decade, produce four full-length plays each year. In addition, they present several one-act plays directed by senior theatre majors. Casting for all plays is done by audition, open to all students. Participation in Players productions, either onstage or backstage, earns credit toward membership in Alpha Psi Omega, national honorary dramatics fraternity. Among the major productions staged in recent years are The Tempest, A Few Good Men, Biloxi Blues, Ghosts, Equus, A Midsummer Night's Dream, Camino Real, West Side Story, Sweet Bird of Youth, Hedda Gabler, She Stoops to Conquer, Summer and Smoke, Dark of the Moon, All My Sons, Much Ado About Nothing, Shenandoah, and Tea and Sympathy.

Student Organizations

Student Body Association

All regularly enrolled students of Millsaps are members of the Student Body Association. Those taking at least three courses or part-time students who pay the Student Body Association fee have full power of voting. The Millsaps Student Body Association is governed by the Student Senate, the Student Judicial Council, and the Student Body Association officers. The Student Senate is composed of 36 voting members elected from the Millsaps Student Body Association. Members of the Student Senate are chosen by the third Tuesday in September and serve their constituency the length of the academic year.

Student Body Association officers of the Student Senate are elected at large from the Millsaps Student Body Association. The officers are president, first vice-president, second vice-president, secretary, and treasurer. The officers serve a term beginning and ending in January.

Student Senate meetings are held on a regular basis with special meetings called by the secretary at the request of (1) the president of the Senate, (2) the Senate, (3) seven members of the Senate, (4) the president of the College.

The duties and functions of the Student Senate are to exercise legislative power over those areas of collegiate activity that are the responsibility of students and to speak for the Student Body Association on all matters of student concern. In addition the Student Senate is responsible for (1) apportioning funds collected by the College as Student Body Association fees according to college policies; (2) granting or revoking charters to student organizations; (3) formulating rules of social and residence hall conduct; (4) supervising student elections; (5) carrying out traditional class responsibilities; and (6) overseeing the intramural program.

The Judicial Council

The Judicial Council is composed of eight voting members in addition to the two student alternate members. Members are appointed as follows: two faculty members appointed by the Vice President and Dean of the College with the approval of the President; one administrative staff member appointed by the President; five student members and two student alternate members appointed by a committee composed of three student Judicial Council members and three Student Body Association officers and confirmed by the Student Senate. A student affairs staff member serves as the non-voting secretary.

The Judicial Council generally has jurisdiction over student disciplinary cases. Limitations of its authority are delineated in the constitution of the Millsaps College Student Body Association which is printed in the student handbook, *Major Facts*.

- Adult Student Association is open to all Millsaps adult undergraduate students 24 years of age and older. This organization assists adult learners in their re-entry to college life, provides a forum for sharing experience and knowledge and enhances career opportunities through networking with other students, faculty and administrative staff. The association meets once each semester. The ASA Newsletter is sent to all adult learners enrolled in academic courses.
- **Black Student Association** is designed to stimulate and improve the social and academic atmosphere for black students at Millsaps College.
- **Circle K**, established at Millsaps in 1984, provides opportunities for service and leadership training in service. Students of good character and satisfactory scholastic standing may be elected to membership.
- **Cross Cultural Connection,** open to all members of the Millsaps community, endeavors to promote a sense of belonging for international and minority students by providing a forum for the exchange of cultural ideas, knowledge and values.
- **English Club** is open to anyone interested in literature and writing. Activities include guest speakers, social gatherings, and discussion groups.
- **Financial Management Association Finance Club** is open to anyone with an interest in finance. Activities include the Merrill Lynch Challenge Stock Market game and visits to or speakers from financial institutions.
- **French, German and Spanish Clubs** are open to anyone interested in the language and culture of these nationalities. Club activities include tutoring, discussions and a film series.
- **Mathematics Club** is opened to anyone interested in mathematics. Programs include guest speakers, discussions of career and graduate school opportunities, films, and other topics of interest.
- Millsaps Karate Club, organized in 1992, is open to all students, faculty, and staff. The club meets twice a week to study and practice Isshinryu karate.

- **Habitat for Humanity** is open to all students who are interested in pursuing the activities of Habitat, including the building of houses for the less fortunate and raising funds for these houses and overseas projects.
- **Residence Hall Association** is composed of and serves students living in the residence halls. RHA sponsors social events, forums and works with the administration to address student concerns. Elections are held in the Fall semester.
- Society of Physics Students is open to all students interested in physics and related areas. Activities include visits to observatories, discussions, field trips, social events and professional contacts and speakers.

Honor Societies

- Alpha Epsilon Delta is an honorary pre-medical fraternity. Leadership, scholarship, expertness, character, and personality are the qualities by which students are judged for membership. The organization seeks to bridge the gap between pre-medical and medical studies.
- Alpha Eta Sigma is a scholastic and professional accounting fraternity with the following objectives; promotion of the study and practice of accounting; provision of opportunities for self-development and association among members and practicing accountants; and encouragement of a sense of ethical, social, and public responsibility.
- **Alpha Kappa Delta**, an international sociology honorary, promotes the use of the sociological imagination in understanding and serving human beings. The chapter, Gamma of Mississippi, founded in 1984, is a joint chapter with Tougaloo College.
- **Alpha Psi Omega**, a national honorary dramatics fraternity, recognizes members of The Millsaps Players for their effective participation in acting, directing, make-up, stage management, costuming, lighting, or publicity.
- Beta Beta, established at Millsaps in 1968, is a national honor fraternity for students in the biological sciences. Its purposes are to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation of the life sciences.
- **Beta Gamma Sigma** is a national honor society dedicated to the principles and ideals essential to a worthy life as well as to a commendable business career. Election to memberships is the highest scholastic honor that a student in a school of business or management can achieve.
- **Eta Sigma Phi** is a national honor fraternity recognizing ability in classical studies. Alpha Phi, the Millsaps chapter, was founded in 1935.
- **Financial Management Association Honor Society**, established in 1984 on the Millsaps campus, serves to encourage and reward scholarship and accomplishment in financial management, financial institutions, and investments among undergraduate and graduate students, and to encourage interaction between business executives, faculty, and students of finance.
- Omicron Delta Epsilon is the international economics honorary society. It is dedicated to the encouragement of excellence in economics, with a main objective of recognizing scholastic attainment in economics. Delta chapter of Mississippi was formed at Millsaps College in 1981.

- Omicron Delta Kappa is a leadership society with chapters in principal colleges and universities. Pi Circle at Millsaps brings together members of the student body, faculty and administration interested in campus activities, together with a limited number of alumni, to plan for the betterment of the College. Election to membership in Omicron Delta Kappa is a distinct honor.
- Order of Omega is a national leadership society which recognizes student achievement in promoting inter-Greek activities. The Millsaps chapter, Eta Kappa, was founded in 1986.
- **Phi Alpha Theta** is an international honor society in history founded in 1921. Membership is composed of students and professors, elected on the basis of excellence in the study and writing of history. It encourages the study, teaching, and writing of history among all its members.
- **Phi Beta Kappa**, the nation's oldest academic honor society, was installed at Millsaps in spring 1989. It recognizes and encourages excellence in the liberal arts. The Millsaps chapter, Alpha of Mississippi, elects members from the senior class on the basis of broad cultural interests, scholarly achievement, and good character.
- **Phi Eta Sigma** is a national honorary society which recognizes outstanding academic achievement in freshmen. The Millsaps chapter was established in 1981. Membership is open to all full-time freshmen who achieve a grade-point average of 3.5 in either the first semester or both semesters of the freshman year.
- **Pi Delta Phi** is a national French honor society which recognizes attainment and scholarship in the study of the French language and literature.
- **Schiller Gesellschaft** was founded in order to give recognition to those students who have shown excellence in the study of German and in order to provide a forum for the study of all aspects of German civilization.
- **Sigma Delta Pi**, the international Spanish honorary, was established at Millsaps College in 1968. This honor society recognizes attainment and scholarship in the study of the Spanish language and literature.
- **Sigma Gamma Epsilon** is a national geology honor society. Established in 1993, the organization recognizes achievement in Geological Sciences.
- **Sigma Lambda** is a leadership and service honorary society whose members are primarily sophomores selected on the basis of character, scholarship, and involvement in college and community activities.
- **Sigma Pi Sigma,** a national honor society in physics, was established at Millsaps in 1988. Its purpose is to honor excellence in physics.
- Sigma Tau Delta is the national English honor society. The purposes of the society are to confer distinction for high achievement in English language and literature, to promote interest in literature and the English language, and to foster the discipline of English in all its aspects, including creative and critical writing. The Zeta Sigma chapter was chartered at Millsaps in 1983.
- **Theta Nu Sigma** membership is offered to second semester sophomores, juniors, and seniors who are majoring in one of the natural sciences and who fulfill certain specified qualifications. The purpose is to further general interest in the sciences.

Fraternities and Sororities

There are six fraternity and six sorority chapters at Millsaps. The chapters are all members of well-established national Greek-letter organizations.

The sororities are Alpha Kappa Alpha, Chi Omega, Delta Sigma Theta, Delta Delta Delta, Kappa Delta and Phi Mu.

The fraternities are Alpha Phi Alpha, Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Pi Kappa Alpha, and Sigma Alpha Epsilon.

Policies governing sorority and fraternity life are formulated through the Panhellenic Council, the Interfraternity Council, and the Panhellenic Council.

Eligibility for membership in sororities and fraternities is governed by the following regulations:

A. General Conditions

- 1. Only bona fide regular students (carrying at least three courses) may be pledged.
- 2. A student may not be pledged to a fraternity or sorority until official registration for classes has been cleared by the Office of Records.
- 3. Each social organization shall secure a letter of scholastic eligibility of its prospective initiates from the registrar prior to the initiation ceremonies.
- Only persons who are bona fide students at Millsaps at initiation time can be initiated.

B. Scholastic Requirements

- 1. To be eligible for initiation, a student must have earned in the most recent semester of residence credit for a minimum of three courses, must not have fallen below D in more than one subject, and must have earned a 2.0 grade point average for the semester.
- 2. A student who drops a course after the end of the half semester shall receive an F for sorority or fraternity purposes as well as for academic averages.
- 3. The two terms of the summer session combined shall count as one semester for sorority or fraternity purposes.

Note: Individual organizations may have higher standards for admission.

Awards

College Awards

Founders' Medal. Awarded at commencement to the senior who has the highest quality index for the entire college course and has received a grade of Excellent on the comprehensive examination. Only students who have completed at Millsaps College all of the work required for the degree are eligible for this award.

Tribette Scholarship. Awarded to the member of the sophomore or junior class whose quality index is highest for the year.

Henry and Katherine Bellaman Award. Presented to graduating seniors who have shown particular distinction in one of the creative or performing arts.

Omicron Delta Kappa Award. Recognizes Outstanding Freshman Man and Woman of the Year.

Bishop's Award. Presented to the outstanding senior entering seminary who plans to pursue the pastoral ministry of the United Methodist Church.

- **Velma Jernigan Rodgers Scholarship Award.** Presented to the rising senior woman student who has the highest grade point in the humanities.
- Janet Lynne Sims Award. A medal and stipend presented to a rising senior who is a full-time student in pre-med and has completed five semesters of work. Selection is made on the basis of academic excellence. A second award is given to an entering freshman. Selection is made on the basis of pre-medical interest and academic excellence.
- **Dr. Thomas G. Ross Scholarship.** Presented by the faculty to the outstanding senior pre-medical student.

Arts and Letters

Classics Awards

Swearingen Prize for Excellence in Introductory Greek

Swearingen Prize for Excellence in Introductory Latin

Swearingen Prize for Excellence in Second Year Latin

Presented to the students with the highest scholastic averages in Latin and Greek.

- Magnolia Coullet Senior Classics Award. Presented to the senior who has best demonstrated excellence in and love for the classics.
- **American Bible Society Award.** Presented to an outstanding student in the study of Greek and religion.
- **Dora Lynch Hanley Award for Distinguished Writing.** Awarded annually to honor excellence in writing.
- **Clark Essay Medal.** Awarded annually to a senior English major who presents the best and most original paper in an English course at Millsaps.
- Paul D. Hardin Senior English Award. Given annually to the outstanding senior major in English.
- **Robert H. Padgett English Award.** Given annually to the student who does the most outstanding work on the English comprehensive exam.
- **Albert Godfrey Sanders Award in French.** Given to a student in intermediate French to recognize academic excellence in the language and for general interest in French culture and civilization.
- Albert Godfrey Sanders Award in Spanish. Given to a student in intermediate Spanish to recognize academic excellence in the language and interest in Spanish culture and civilization.
- **German Book Award.** Presented to the German student showing excellence in German language and literature.
- Ross H. Moore History Award. Presented to the outstanding senior history major.
- **Senior Music Award**. Presented to the senior music major who, in the opinion of the faculty, has been the most outstanding student in the Department of Music.

Science and Mathematics

- Biology Award. Recognizes an outstanding senior whose major is biology.
- **Biology Research Award.** Recognizes a biology major who has won recognition in biology on the basis of interest, scholarship and demonstration of research potential.
- **Tri Beta Award.** Recognizes an outstanding member of the chapter who has demonstrated scholastic excellence and service in the field of biology.
- **J. B. Price General Chemistry Award.** Presented annually to the student with the highest scholastic average in general chemistry.

Junior Analytical Chemistry Award. Awarded to the most outstanding junior enrolled in analytical chemistry.

Senior Chemistry Award. Awarded to the senior with the most outstanding record in study and research.

Chemistry Department Service Award. Awarded to the chemistry major who has demonstrated leadership and service among his fellow students.

Computer Studies Award. Presented to the outstanding computer studies graduate. Geology Awards.

Richard R. Priddy Award

Wendell B. Johnson Award

Geologist of the Year

Presented to geology majors of demonstrated ability and scholastic achievement.

Samuel R. Knox Senior Mathematics Award. Presented to the outstanding senior mathematics major.

Oustanding Freshman Mathematics Award. Presented to the outstanding freshman in mathematics.

General Physics Awards. Presented to the two students with the highest scholastic averages in general physics.

Physics Service Award. Presented to a physics student in recognition of service to the Department of Physics.

Social and Behavioral Sciences

Award for Excellence in Elementary Student Teaching. Given to senior who demonstrates potential for outstanding contributions in teaching at the elementary school level.

Award for Excellence in Secondary Student Teaching. Given to senior who demonstrates potential for outstanding contributions in teaching at the secondary school level.

Outstanding Scholarship Award. Given to the senior receiving teacher certification with the highest scholastic average.

Mary Sue Enochs Lewis Endowed Scholarship. Presented to a woman in the junior class who has demonstrated academic excellence and leadership and who has definite plans to teach upon graduation.

Reid and Cynthia Bingham Awards. Presented to the junior and senior scholars of distinction in political science.

John F. Kennedy Award. Presented to the outstanding senior in political science demonstrating excellence in academics, personal integrity and commitment to the highest ideals of the public good in a democratic society.

C. Wright Mills Award. Given each year to the outstanding senior majoring in sociology.

Frances and L. B. Jones Award in Anthropology. Presented to the outstanding student in anthropology.

Else School of Management

Richard B. Baltz Award. Presented to the outstanding student majoring in economics. Financial Management Association Challenge Award. Presented to the student who has demonstrated high performance in investments.

Wall Street Journal Award. Presented to the business administration senior who scores highest on the nationally normed field exam.

- **Mississippi Society of CPA's Award.** Presented to a senior accounting major who has compiled an outstanding record.
- Merrill Lynch Award. Presented to the student who has demonstrated high achievement in the area of finance.
- **Charles W. and Eloise T. Else Scholars.** Presented to seniors in the Else School of Management who have distinguished themselves academically in their overall college work and in required junior-level course work.

Curriculum



Requirements for Degrees

Requirements for All Degrees

A total of 32 courses is required for the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, and Bachelor of Liberal Studies degrees. Of this total, at least 30 courses must be letter-graded academic credit. For transfer purposes, one course unit is the equivalent of four semester hours credit.

Core Requirements for All Degrees

All Millsaps students must complete ten core courses specifically designed to develop the general abilities of a liberally educated person.

Cor	e	1:	Introduction to Liberal Studies 1 course
Cor	e	2:	Multi-disciplinary Topics in the Ancient World 1 course
Cor	e	3:	Multi-disciplinary Topics in the Pre-modern World 1 course
Cor	e	4:	Multi-disciplinary Topics in the Modern World 1 course
Cor	e	5:	Multi-disciplinary Topics in the Contemporary World 1 course
Cor	e	6:	Topics in Social and Behavioral Science 1 course
Cor	e	7:	Topics in Natural Science with Laboratory 1 course
Cor	e	8:	Topics in Mathematics
Cor	e	9:	Topics in Mathematics, Natural Science, or
			Computer Science
Core 10:		0.	Reflections on Liberal Studies 1 course

Courses that satisfy core requirements must be selected from an approved list published each semester with the class schedule.

All incoming students are required to complete Introduction to Liberal Studies in the first year. Reflections on Liberal Studies must be completed during the senior year. All other core courses should be completed by the end of the sophomore year. Transfer students and Adult Degree Program students who cannot meet this schedule should try to complete their core requirements as early in their college careers as possible.

Liberal Arts Abilities

The Millsaps liberal arts education is intended to help develop these abilities:

Reasoning - the ability to think logically and reflectively, to analyze critically and constructively.

Communication - the ability to express one's thoughts and feelings coherently and persuasively through written and oral communication and to work effectively in collaboration with others.

Quantitative Thinking - the ability to understand, interpret, and use numerical and scientific data and the technology of the modern world.

Historical Consciousness - the ability to understand the achievements, problems and challenges of the present with perspectives gained from a study of the past.

Aesthetic Judgement - the ability to understand and appreciate creative responses to the world, and to develop one's own modes of creative expression.

Global and Multi-Cultural Awareness - the ability to understand and appreciate a variety of social and cultural perspectives.

Valuing and Decision-Making - the ability to understand and appreciate differing moral viewpoints; to make carefully considered, well-reasoned decisions; and to make a mature assessment of one's own abilities, beliefs and values.

Multi-Disciplinary Topics Courses Core 2-5

Multi-disciplinary topics courses (core 2-5) use a thematic rather than survey approach. They take their focus from a particular field of knowledge — fine arts, history, literature, philosophy, or religion — but make explicit connections with other fields of knowledge. In this way students are encouraged to view human experience as a whole and to begin the process of making their own connections. Although a particular theme is chosen for each topics course, the themes are placed in their appropriate historical and global contexts and presented in such a way as to illustrate the process of historical change. All multi-disciplinary topics courses include a substantial amount of writing, with an emphasis on analysis and critical thinking.

Students should choose their topics courses in chronological sequence, beginning with the ancient world in the fall of their first year and proceeding to the contemporary world in the spring of their second year. Each topics course has either a primary or double disciplinary focus. Students must choose courses to meet this requirement which represent at least three different disciplinary focuses.

The Heritage Program

Heritage is a four-course, multi-disciplinary humanities program designed for freshmen as an alternative to the multi-disciplinary topics courses. It fulfills the requirements for core 2-5 and fine arts.

Topics Courses Core 6-9

Topics courses in the social and behavioral sciences, natural sciences, mathematics and computer science (core 6-9) may be multi-disciplinary, but need not be. These courses foster general abilities such as reasoning, quantitative thinking, valuing and decision-making. Laboratory science courses introduce students to scientific method and to a representative body of scientific knowledge in a way that promotes an appreciation for the impact of science upon the contemporary world.

Fine Arts

In addition to completing the requisite core courses, students must demonstrate proficiency in the fine arts in *one* of the following ways:

- 1) completing the Heritage curriculum, or
- 2) completing one of the following courses with a grade of C or higher,
 - -a topics course with a fine arts focus
 - -Art 2500, 2510, 2520, 2530, 2540, 2550, 2560
 - -Music 1000, 1010, 1100, 2120
 - -Theatre 1000, 1010, or
- 3) demonstrating significant experience in creating art objects or demonstrating a prescribed level of competence in the performing arts by
 - -completing four semesters of private study of voice or an instrument, or
 - -completing a full course unit in studio art, or
 - -completing a full course unit in Singers or a music ensemble, or
 - -completing significant participation in four Players' productions, or
- 4) completing a written portfolio verifying significant involvement with art events (enroll for IDS 1050).

Writing Assessment Portfolio

A portfolio of writing completed during the first two years will be assessed by the end of the sophomore year to determine writing proficiency. Demonstration of writing proficiency through this portfolio is a graduation requirement. Students will not be eligible to enroll in Reflections on Liberal Studies until they have satisfied this requirement. Transfer students must demonstrate equivalent proficiency to the satisfaction of the director of the Writing Program. They are advised to consult with the director as soon after beginning their study at Millsaps as possible to arrange for establishing their portfolio.

Exemptions for Transfer Students

Group I

With the approval of the Core Council, transfer students may substitute courses in history, literature, philosophy, or religion to meet one or more of the core 2, 3, 4 or 5 requirements. All four historical periods and at least three disciplines must be represented either by transfer credit or by course work at Millsaps in order to fulfill these graduation requirements. There must also be evidence of a significant amount of writing. Likewise, a student who completes a course in the natural sciences, mathematics, or social and behavioral sciences which presumes the skill and knowledge of a core course may be exempt from that particular core requirement.

Residence Requirement: To qualify for graduation from Millsaps, 8 of the last 10 course units of academic work must be done in residence as a degree-seeking student. An exception to this rule is the pre-engineering dual-degree program in which students may transfer back the equivalent of 8 courses.

Additional Requirements for the Bachelor of Arts Degree

Proficiency at the intermediate level of an ancient or modern foreign language as demonstrated by satisfactory completion of a 2000 course taken at Millsaps, or the equivalent. (The number of courses required to complete this requirement will vary from 0-3 depending upon language placement.)

Additional Requirements for the Bachelor of Science Degree

Students must complete Analytic Geometry and Calculus I. In addition to courses taken to meet the core, students must complete four courses in at least three disciplines chosen from the following list. At least two must be laboratory courses. Students may select four courses from group I or three courses from group I and one from group II.

o.oup 1	
Biology	any lab course
Chemistry	any lab course
	any lab course
	. Analytic Geometry and Calculus II or higher
Physics	any lab course
-	Behavioral Neuroscience
Group II	
	Quantitative Social Research
	Econometrics and Applied Statistics
	Experimental Psychology II
1 0 J 011010 6 J	Experimental 1 sychology 11

Additional Requirements for the Bachelor of Liberal Studies Degree

Additional Requirements for Bachelor of Business Administration Degree

Students must complete, have prior credit for, or be exempt from College Algebra and Survey of Calculus or higher level mathematics and Computer Survival before taking sophomore-level course work in the Else School of Management.

At the sophomore level, students take:

Principles of Economics	.1 course
Principles of Financial Accounting	
Principles of Management Accounting1	
Business Software Packages1	

At the junior level, students take:

Fundamentals of Marketing	l course
Principles of Corporate Finance	course
Introduction to Management	l course
Operations Management with Computing	l course

At the senior level, students take:

Students must fulfill the requirements for an Accounting major or a Business Administration major.

Majors: In addition to taking the prescribed work for the degree, a student must major in one of the following areas: accounting, art, business administration, biology, chemistry, classical studies, computer studies, economics, education, English, European studies, French, geology, history, mathematics, music, philosophy, physics, political science, psychology, religious studies, sociology-anthropology, Spanish, or theatre. For students pursuing the BLS degree, an interdisciplinary major is also possible with the consent of the appropriate departments.

Specific requirements for the major can be found under the appropriate department of instruction. Students may major in a subject only with the consent of the department chair. They are expected to declare a major by the end of the sophomore year. All work to be applied toward the major must be approved in advance by the department chair or the student's major professor.

A student may have more than one major by completing all of the requirements in the departments involved. Cross-listed courses may only be applied toward one major.

Minors: While there is no requirement that students complete a minor as part of their degree, they may elect a minor in those departments which offer one.

Ordinarily a student must have a minimum of four courses in a department beyond what is used to meet degree requirements in order to qualify for a minor. A minimum of two courses applied toward the minor must be taken at Millsaps. Specific requirements for a particular minor can be found under the appropriate department of instruction.

Areas of Concentration: In addition to the major and minor, a student may have an area of concentration within a particular discipline or among several disciplines. Areas of concentration within the major are not entered on the student transcript. Interdisciplinary concentrations are treated like a minor and are entered on the transcript.

Comprehensive Examinations: Before receiving a bachelor's degree the student must pass a satisfactory comprehensive examination in the major field of study. This examination is given in the senior year and is intended to cover subject matter greater in scope than a single course or series of courses. The purpose of the comprehensive examination is to coordinate the class work with independent reading and thinking in such a way as to relate the knowledge acquired and give the student a general understanding of the field which could not be acquired from individual courses.

The comprehensive examination requires at least three hours and is part written and part oral, the division of time between the two to be at the discretion of the members of the department concerned. The oral examination will be conducted by a committee composed of members of the department, and, if desired by the department, one or more members of the faculty from other departments or other qualified persons.

Students may take the comprehensive examination only if the courses in which they have credit and in which they are currently enrolled are those which fulfill the requirements in their major department. They may take the examination in the spring semester if they are within one semester of graduation. The examination will be given in December or January for students who meet the other requirements and who will not be in residence at Millsaps during the spring semester.

The time of the comprehensive examination is published in the college calendar. Comprehensive examinations will not be given at any other time except by permission of the dean. Those who fail a comprehensive examination may have an opportunity to take another examination after the lapse of two months. Additional examinations may be taken at the discretion of the chairman of the student's major department with the consent of the dean of the college.

Grade Point Index Required: An overall grade point index of 2.00 is required for graduation. Transfer students must have a minimum grade point index of 2.00 on their Millsaps work. The grade point index is calculated on the total number of courses attempted, including courses repeated for a better grade. (See Section on Grades, Honors, Class Standing.)

Application for a Degree: Each student who is a candidate for a degree is required to submit a written application for the degree by November 1 of the academic year of graduation. This date also applies to students who plan to complete their work in the summer session. Forms for degree applications are available from the Office of Records.

Requirements for a Second Degree: In order to earn a second degree from Millsaps College a student must have a minimum of eight additional course units beyond those required for the first degree, and with these additional course credits must meet all of the requirements for both the second degree and the second major.

Pre-Medical and Pre-Dental

Students interested in medicine, dentistry, osteopathy, optometry, podiatry, or veterinary medicine are urged to consult with a member of the Pre-medical Advisory Committee in designing a program that will fit particular needs, background, and interest. Members of the committee have a reference listing the requirements and admission policies of all American allopathic (M.D.) schools. Information is also available for other medical programs, as well as nursing, occupational therapy, physical therapy, medical technology, and related fields.

Early in the fall semester of the senior year, the student should arrange an interview with the Pre-medical Advisory Committee, which will evaluate the student's qualifications for medical study. This evaluation will be sent to the professional schools in which the student is interested.

It is the responsibility of the pre-medical and pre-dental students to consult the catalogs of the schools to which they wish to apply for their specific requirements. However, the following courses generally fulfill the entrance requirements of medical, dental, and related schools:

Biology	1	year
General inorganic chemistry		
Organic chemistry		
Physics		
Mathematics		
Additional advanced science is often required		•

Millsaps College and the majority of medical and dental schools strongly recommend that the student obtain a baccalaureate degree in an area of interest. It is not required that this degree be in a science, and students are encouraged to achieve a broad background in the humanities and social sciences, although the above listed requirements are generally immutable. The new Medical College Admissions Test (MCAT) emphasizes the desirability of a broad reading background, and also requires writing an essay.

These requirements are further addressed in meetings of pre-medical students held each semester. The pre-medical honorary, Alpha Epsilon Delta, also conducts meetings of interest to students in all health-related curricula.

Admission to medical and dental programs is highly competitive. Success involves:

- -grade point average (both total and science/math)
- -score on the appropriate professional exam (e.g. MCAT, DAT)
- -faculty and pre-med committee recommendations
- -outside activities (including both campus and work experience)
- -a successful interview with the professional school.

Combined research/professional programs are offered by many of these schools.

Pre-Ministerial

There is no required program of studies for persons planning to enter one of the ministries of the Church. Undergraduate pre-seminary work at Millsaps should include significant work in the study of religion and philosophy and in the social and behavioral sciences. No one major is best. Students considering a ministerial career should consult with the chair of the department of Religious Studies or the college chaplain as early as possible. Given the special challenges of the practice of ministry, students should plan to undertake professional education in a theological seminary. The best preparation for such professional education is an undergraduate education with breadth in the liberal arts.

Pre-Law

No particular major or sequence of courses is necessary for students planning to go to law school; there is no ideal pre-law program for all students. To do well in the study of law, a student should possess:

- (a) ability to communicate effectively and precisely,
- (b) understanding of the institutions with which the law deals,
- (c) ability to think and analyze critically.

Different students may obtain the desired training for these three areas from different courses. Therefore, students should consult with their faculty or major advisers and with the pre-law adviser in designing a program of courses that will best fit particular needs, background, and interests. The student with a pre-law interest should consult the pre-law adviser.

Pre-Social Work

Students who wish to prepare for a professional career in social work should plan a broad liberal arts program with a major in one of the social sciences, preferably sociology. Self and Society, Peoples of the World, Comparative Family Systems and Social Stratification are essential. Other courses which are strongly recommended include Social Problems, Theories of Personality, and Social Psychology. Internships can provide valuable practical experience with community social welfare agencies. Students are urged to consult with their faculty advisers to plan a schedule.

Programs for Teacher Certification

The Millsaps Teacher Education Program is accredited by the National Council for the Accreditation of Teacher Education (NCATE). A student may pursue any degree offered by the College and qualify for teacher certification provided all College major requirements are met and all teacher certification requirements are met. The Teacher Education Programs offer certification in Elementary Education, Secondary Education, and in select areas (K-12). In addition Millsaps offers Dual Certification in Special Education. The Teacher Education Programs qualify the student for provisional teacher certification as required by the Office of Teacher Certification and the Mississippi State

Board of Education. After completing a certification program at Millsaps, the student will be prepared to pass the provisional year evaluation and receive the standard Class A certificate.

Our certification program is fully integrated within the liberal arts curriculum of the College, and our professors teach in the liberal arts core curriculum as well. The streamlined and field-based program maximizes student time and potential. Students are encouraged to proceed through the certification process in a sequential manner. We work with students to fully outline their course of study so that they can complete the certification requirements and the requirements for their majors efficiently and within four years.

Prior to being admitted to any Teacher Education Program at Millsaps College, a student shall have completed the core curriculum, achieved a minimum grade point average of 2.5, passed the Communication Skills and General Knowledge tests of the National Teacher Examination, received the written recommendation of two faculty members outside the Department of Education, and completed all application procedures. Teacher education comprehensive examination requirements include all four components of the National Teacher Examination. (Students are requested to have copies of their NTE scores sent directly to the Mississippi State Department of Education.) To receive the College's recommendation for teacher certification, the student must maintain the 2.5 GPA, pass the Professional Knowledge and Specialty Area tests of the National Teacher Examination no later than the semester prior to graduation, and complete the Portfolio for Comprehensive Examination with the Department of Education as appropriate.

Cooperative Programs

Business Administration

Major Plus Program in Business Administration: The Else School of Management offers a program designed to permit students pursuing degrees other than the BBA, particularly those working toward the BA, to complete the MBA at Millsaps with only one additional year of study beyond the bachelors degree program. The Major Plus program specifies certain courses from Else School offerings which students take as general electives during their bachelors program. These courses are: Principles of Economics, Introduction to the Legal Environment of Business, Business Statistics and Computing I and II, Survey of Accounting, Introduction to Management, Operations Management with Computing, Fundamentals of Marketing, and Principles of Corporate Finance. A non BBA student who successfully completes all of the prescribed courses will be in a position to earn the MBA by completing only the upper-level courses pertinent to that degree program. This can normally be done in one additional year of study at Millsaps. For details of the Major Plus program, contact the Director of Graduate Business Admissions in the Else School of Management.

Engineering and Applied Science

This program at Millsaps offers many opportunities for the student interested in engineering, applied science, management and business administration. With this cooperative program the student can combine the advantages of a liberal education at Millsaps with the specialized programs of a major university. The Arthur C. Miller Preengineering Scholarship Fund provides a scholarship based on financial need and academic progress for a student expressing an interest in engineering.

- **3-2 BS Programs:** Millsaps has agreements with four universities Auburn, Columbia, Vanderbilt and Washington universities by which a student may attend Millsaps for three years and then continue work at any of the schools listed above. The student then transfers a maximum of eight course credits back for a bachelor's degree from Millsaps and at the end of the fifth year receives another bachelor's degree from the university.
- **4-2 BS and MS Programs:** The Columbia University Combined Plan also has 4-2 programs in which a student attends Millsaps for four years, completing degree requirements and then spends two more years at Columbia to obtain a BS or MS degree from the Columbia School of Engineering and Applied Science.
- **3-3 BS/MS and BS/MBA Programs:** Washington University also has a combined Degree Program wherein the student spends three years at Millsaps and then spends three years at Washington University earning both the BS and MS from the School of Engineering and applied Science or both the BS from the School of Engineering and applied Science and the MBA from the Graduate School of Business Administration.

A wide variety of programs are offered by the five participating universities, including financial aid for qualified students. For detailed descriptions of programs and financial aid, the interested student is urged to consult with the pre-engineering advisor. To be admitted to the programs listed below the student must fulfill certain minimum course requirements at Millsaps. For many programs, particularly those in engineering and applied science, the mathematics requirements are strict. To keep the 3-2 or 4-2 option viable, a student should plan to take calculus at the earliest possible time at Millsaps. For students interested in engineering, the general expectation of the cooperating engineering schools is that most, if not all, of the science, mathematics and humanities requirements for the engineering degree be taken at Millsaps. Students interested in a particular program, however, should consult the catalog of the appropriate university and the Millsaps pre-engineering advisor. Some programs have particular requirements, such as the Auburn University electrical engineering requirement of an ethics course, which students might wish to fulfill at Millsaps.

The Dual Degree Program at Auburn University includes bachelor of engineering degrees in aerospace, chemical, civil, electrical, industrial, material and mechanical engineering. It is also possible to obtain a BS in agricultural engineering.

The Combined Plan Program at Columbia University offers BS and MS degrees in civil, electrical, industrial, mechanical, mining, nuclear, biological, chemical, metallurgical and mineral engineering. Other programs include computer science, engineering mechanics, applied mathematics (BS only), applied physics, materials science, operations research, solid state science (MS only), chemical metallurgy, applied chemistry and materials science.

Vanderbilt University offers bachelor of engineering degrees in chemical, civil, electrical and mechanical engineering.

Washington University offers BS and MS programs in chemical, civil, electrical and mechanical engineering. Other programs include computer science, engineering and public policy, systems science and engineering, and business administration (MBA).

Military Science

A Military Science program is offered on the campus of Jackson State University under a cross-enrollment agreement between Millsaps College, Jackson State University, and the U.S. Army. Students enrolled at Millsaps are eligible to enroll and attend Reserve

Officer Training Corps (ROTC) classes on the campus of Jackson State University. Credits earned in ROTC will be entered onto the student's transcript but will not be counted towards Millsaps graduation requirements.

ROTC provides male and female students an opportunity to earn a commission as a Second Lieutenant (2LT) in the U.S. Army Reserve, or the Army National Guard, concurrent with the pursuit of an academic degree. The objectives of the program are:

- (1) To provide an understanding of how the U.S. Army Reserve, and Army National Guard fit into our national defense structure.
- (2) To develop the leadership and managerial potential of students needed to facilitate their future performance as officers.
- (3) To develop student abilities to think creatively and to speak and to write effectively.
- (4) To encourage the development of mental and moral standards that are essential to military service.

The program of instruction includes developing self-discipline, physical stamina and other qualities necessary for leadership.

The ROTC Program is divided into a basic course of instruction in the first two years and an advanced course of instruction in the final two years. In addition to the course of instruction, students are required to attend a leadership laboratory.

There is no charge for enrolling in the ROTC Program; however, cadets must be admitted as full-time students before enrollment in ROTC. Books, equipment, and uniforms are free of charge to the students. Three-year and two-year ROTC scholarships are available and awarded on a competitive basis.

Description of Courses

- MS 101. Fundamentals of Leadership and Management I. An introduction to the U.S. Army and the Reserve Officers' Training Corps (1 semester hour).
- MS 102. Fundamentals of Leadership and Management II. A study of military first aid tasks and procedures (1 semester hour).
- MS 201. Applied Leadership and Management I. A study of nuclear, biological and chemical weapons, tactical operations and leadership (2 semester hours).
- MS 202. Applied Leadership and Management II. An introductory study of land navigation and Army training management (2 semester hours).
- **MS 301.** Advanced Leadership and Management I. A study of the functional approach to leadership, land navigation, and military communication systems (3 semester hours).
- MS 302. Advanced Leadership and Management II. A study of combat operations and military tactics (3 semester hours).
- **MS 401. Seminar in Leadership and Management.** A study of staff procedures with emphasis on oral and written communication (3 semester hours).
- MS 402. Theory and Dynamics of the Military Team. A study of the military aspects of ethics and professionalism, military justice, and the Law of War (3 semester hours).

Special Programs

Ford Fellows Program

The Ford Fellows Program provides an opportunity for upperclass students with an interest in college teaching to work closely with a faculty member in their area of academic interest. Primary teaching under faculty supervision is encouraged as well as research and scholarship. Each student must submit an application, completed jointly with their proposed faculty mentor, to the program director early in the spring semester. Approximately twelve students are selected each year for participation in this program.

The Honors Program

The Honors Program provides an opportunity for students of outstanding ability to pursue an advanced course of study which would ordinarily not be available. In the spring of their junior year and the fall of their senior year, honors students carry out a research project of their choice under a professor's direction. The project's final product, consisting wholly or partially of a written thesis, is presented before a panel of faculty members. In the spring of the senior year, students participate in an interdisciplinary colloquium which intensively examines a topic of broad interest. Students successfully completing all phases of the Honors Program receive the designation "with honors" in their field of honors work at graduation. Students interested in participating in the Honors Program should consult with the program director in the fall of their junior year.

Semester Abroad in Central Europe

Through the auspices of the Associated Colleges of the South, Millsaps administers a fall semester abroad program in Central Europe. This program is under the direction of an American professor in residence. The students enroll in four courses on Central European political, economic, cultural and environmental issues. All courses are taught in English by professors from European universities. The study group is based in Budapest, Hungary, with excursions to other cities in Europe. These excursionstogether with the courses, provide the students with an excellent comparative understanding of central European affairs. This program is well suited to the Millsaps European Studies major and minor, but is open to students from all disciplines.

Summer Program in London, Paris, Munich and Prague

Millsaps College offers a six-week summer European Program based in London, Paris, Munich, and Prague with opportunities for other European travel and cultural experiences built into the program. Students may choose courses offered by the Else School of Management or courses offered by the Division of Arts and Letters or the Division of Sciences. The program features field trips and guest speakers integrated into the courses. Millsaps faculty design and teach the courses and select the experiences in order to provide students with the global perspective necessary to be successful in today's environment.

Millsaps Summer Program in Costa Rica

Designed for students interested in Spanish, this program features courses taught by Millsaps professors and includes an excellent balance of cultural activities, educational tours, and recreational travel. Classes are held at the Central American Institute for International Affairs (ICAI), an outstanding private academic institution located in the capital of the most stable, progressive country in Latin America. Because participating students live with carefully selected middle-class families, they have an exceptional

opportunity to experience Hispanic culture first-hand as well as learn through in-country classes and field trips. The program is open to all students who have had at least a year of Spanish.

British Studies at Oxford

Through membership in the Associated Colleges of the South, Millsaps participates in a six-week intensive summer program at Oxford University in England. It enables students to study a particular period of British history in a thoroughly integrated way and in a milieu which affords an incomparable opportunity to benefit from the experience.

Other Study Abroad Programs

Millsaps College has cooperative agreements with the Institute of European Studies and the Institute of East Asian Studies, which maintain programs in seven different countries. Students with a special interest in classics should consider the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens Program, both of which offer semester programs in the classical languages combined with archaeological site and museum study during the regular academic year. The American Academy in Rome and the American School of Classical Studies in Athens offer summer programs in classical art and archaeology. Other study abroad programs are available in most countries of Western Europe as well as in Latin America. Students interested in receiving college credit for such study can receive information concerning these programs from the chair of the appropriate department or from the Coordinator for Study Abroad.

The Washington Semester

The Washington Semester is a joint arrangement between American University, Millsaps College, and other colleges and universities in the United States to extend the resources of the national capital to superior students in the field of the social sciences. The object is to provide a direct contact with the work of governmental departments and other national and international agencies that are located in Washington, thus acquainting the students with possible careers in public service and imparting a knowledge of government in action.

Under this arrangement qualified students of demonstrated capacity from the participating colleges spend a semester at the School of Government and Public Administration of the American University in Washington. They earn four courses of credit toward graduation. Two course credits are earned in a Conference Seminar, in which high-ranking leaders of politics and government meet with students. One course credit is earned in a research course, which entails the writing of a paper by utilizing the sources available only at the nation's capital. An additional course credit is earned in an Internship, in which the student is placed in a government or public interest organization office.

Public Administration Internship

With the cooperation of city, state, and federal agencies, students who have had the introductory public administration course may be placed in middle management level positions.

School of Management Intern Programs

Students have the opportunity of obtaining specialized training and practical experience in management through an established Internship Program. The program involves prominent regional and national business organizations and agencies of the state government. The student's training is conducted and supervised by competent manage-

ment personnel according to a predetermined agenda of activities. Evaluation of the student's participation and progress provides the basis for granting appropriate academic credit.

Adult Learning

The Office of Adult Learning

The Office of Adult Learning coordinates and administers programs and services to adult learners. These include the Adult Degree Program, the Community Enrichment Series, Leadership Seminars in the Humanities, Master of Liberal Studies Program and Advanced Placement Institutes, as well as admitting and advising non-degree seeking students.

The Adult Degree Program

The Adult Degree Program was established in 1982 to meet the needs of nontraditional adult undergraduates who wish to pursue a degree as full-time or part-time students.

This program features individualized academic advising, a required seminar, evaluation of previous college work, credit for prior learning, and the opportunity for independent directed study. Students in the Adult Degree Program may major in one of the traditional disciplines or they may choose to design an interdisciplinary major. Students admitted to the Adult Degree Program are ordinarily candidates for the Bachelor of Liberal Studies degree though they may pursue other degrees without some of the special features of the BLS.

In addition to its academic programs, Millsaps provides a variety of special services for adult students. These include career planning and placement assistance, financial aid, orientation, newsletters, and the Adult Student Association.

Community Enrichment Series

Since 1972, Millsaps College has offered to the Greater Jackson community a variety of opportunities through the Community Enrichment Series. These are non-credit courses which require no prerequisites and no examinations. They cover a variety of special interest areas such as "Talking Your Way Through France," "Understanding the Stock Market," "Computer Basics," "Assertiveness Training," "Landscape Design," and "Pottery." Enrichment courses are available in the fall, winter and spring.

Leadership Seminars in the Humanities

Established in 1987 and made possible in part by a grant from the National Endowment for the Humanities, Leadership Seminars in the Humanities bring together Millsaps professors in the humanities with corporate and professional leaders in the community. These seminars, which carry graduate credit, offer an opportunity for serious engagement with intellectual issues affecting society and the individual.

Advanced Placement Institutes

Designed for teachers who teach Advanced Placement courses to high school students, Advanced Placement Institutes are offered each summer with instructors recommended by the College Board. Participants work with these master teachers to plan and prepare courses that will help students to become well prepared for college courses and to perform creditably on the Advanced Placement examinations.

Graduate Programs

Master of Accountancy

The Master of Accountancy degree is designed for students who intend to pursue professional careers in public accounting, business, and the government/non-profit sector. The MAcc fulfills the educational requirements to sit for the CPA examination in states which have adopted the AICPA's 150 credit hour requirement. The program involves a fifth year of study beyond the BBA degree. Students who plan to seek the MAcc degree should take the basic accounting major. For more details about the MAcc program, consult with a member of the accounting faculty or the Graduate Business Admissions office.

Master of Business Administration

The Master of Business Administration (MBA) degree is offered in both daytime and evening classes. The Millsaps MBA program is particularly suited to students with a liberal arts background. A typical class includes men and women with a broad range of ages, and with backgrounds from engineering, the physical and social sciences, and the arts and the humanities, as well as from business. For further information about the MBA Program, see the Graduate Catalog or contact the Graduate Business Admissions office.

Master of Liberal Studies

The Master of Liberal Studies degree is an interdisciplinary academic program designed for mature students who are seeking greater understanding of our culture and heritage, including the social, scientific and political dimensions of society. This program is broad and diverse. The MLS is not a technical or professional degree. Graduates of accredited four-year colleges or universities may apply for admission to the MLS degree program. For further information, contact the Office of Adult Learning.

Administration of the Curriculum



Grades, Honors, Class Standing

The grade in any class is determined by the combined class standing and a written examination as explained in the class syllabus.

- A represents superior work.
- B represents above average achievement.
- C represents a satisfactory level of achievement.
- D represents a less than satisfactory level of achievement in the regularly prescribed work of the class.
- F represents failure to do the regularly prescribed work of the class. All marks of "D" and above are passing marks, and "F" represents failure.
- WP indicates that the student has withdrawn from the course while passing.
- WF indicates that the student has withdrawn from the course while failing. (For purposes of computing grade point averages, "WF" is counted as "F.")
 - I indicates that the work is incomplete and will be counted as a "F" if the incomplete is not removed by the end of the following semester.
 - IP indicates work in progress.
- CR represents passing work in a non-graded course taken for credit (not computed in GPA).
- NC represents no credit in a non-graded course taken for credit (not computed in GPA).
- NR indicates no grade reported.
- AU represents audit.

Grade Points

The completion of any academic course shall entitle a student to the following grade points for a course unit:

- A 4.00
- A- 3.66
- B + 3.33
- B 3.00
- B- 2.66 C+ 2.33
- CT 2.3.
- C 2.00
- C- 1.66
- D+ 1.33
- D 1.00
- F 0.00

Grade points earned in fractional course units are that fraction of those awarded for a corresponding grade in a course unit. A grade point average is determined by dividing the total number of grade points by the number of academic courses taken.

Class Standing

The following number of courses is required:

For sophomore rating	7 course units
For junior rating	15 course units
For senior rating	23 course units

A student's classification is determined at the beginning of the fall and spring semester.

Student Status

Degree-seeking students taking 3 or more course units will be classified as full-time students.

Degree-seeking students taking fewer than 3 course units will be classified as part-time students.

A non-degree student is a mature person of ability and seriousness of purpose who enrolls for limited academic work and does not plan to seek a degree. Non-degree students observe the same regulations concerning attendance, examination and proficiency as regular students.

Credit/No Credit Grade Option

With the approval of the instructor, some courses may be taken for credit/no credit. The purpose of credit/no credit grading is to encourage students to take courses in areas they might not otherwise select. Credit/no credit grading requires full participation of the student in all class activities. Credit signifies work of passing quality or above, though it carries no grade points. Core courses and courses taken to meet additional degree requirements may not be taken for credit/no credit. Courses required for a student's major ordinarily may not be taken for credit/no credit. No more than two courses graded credit/no credit may be included in the 32 course units required for graduation.

Repeat Courses

A student may enroll in a course at Millsaps which has previously been taken. A course previously taken at Millsaps may also be repeated at another institution with the prior approval of the registrar in consultation with the appropriate department chair. When a course is repeated, no additional course credit is earned, but all grades are calculated into the cumulative grade point average. All grades reported for the course remain a part of the permanent academic record. Millsaps does not guarantee the availability of courses for repeat credit.

Graduation With Distinction

A student whose grade point average is 3.5 for the entire course shall be graduated Cum Laude; one whose grade point average is 3.7 shall be graduated Magna Cum Laude; and one whose grade point average is 3.9 and who has a rating of excellent on the comprehensive examination shall be graduated Summa Cum Laude. To be eligible for graduation Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must have passed at least 16 course units in Millsaps College.

In determining eligibility for distinction for students who have not done all their college work at Millsaps, the grade points earned on the basis of grades made at other institutions will be considered, but students will be considered eligible only if they have the required average both on the work done at Millsaps and on college courses as a whole.

Graduation With Honors

A student who successfully completes the Honors Program in a selected field of study receives the designation "with honors" in that field at graduation.

A full-time student with junior standing and a 3.3 grade point average may apply to a faculty member for permission to undertake an honors project. Admission into the Honors Program is in the spring semester of the junior year upon approval of the director. At that time the student enrolls in a directed study course, Honors Research I. This work is ordinarily completed in the fall semester of the senior year in the course, Honors Research II, but the student's project description must be approved by the Honors

Council before proceeding to Honors II. A letter grade is assigned for each of these two courses. The two semesters of research culminate in an honors thesis to be defended before the Honors Council. In the last semester, the student enrolls in the Honors Colloquium, designed to bring together all students in the program for intellectual exchange. The honors candidate who successfully presents and defends the thesis, who completes the colloquium, who has an overall 3.3 grade average, and who has a 3.33 grade average in the three honors courses will be graduated with honors.

A student may voluntarily withdraw candidacy for honors at any time. Regular college regulations apply in the matter of dropping a course and receiving course credit.

Election to Phi Beta Kappa

The Phi Beta Kappa chapter at Millsaps elects members from the graduating class each spring. To be considered for election to membership in Phi Beta Kappa, a student must meet the following criteria:

1. Completion of requirements for a BA, BS or BLS degree with a liberal arts or sciences major.

A minimum of one-half of the work required for graduation completed at Millsaps.

One course unit in mathematics and two course units in a foreign language (or one course unit at the intermediate level).

4. A minimum cumulative grade point average of 3.6 based on seven or more semesters. (Grades earned in applied or professional work are not counted in computing GPA for the purpose of election to Phi Beta Kappa.)

Transfer students must meet the required grade point average both on work done at Millsaps and on their college work as a whole. No more than 10 percent of the liberal arts and science graduates may be elected to membership from a graduating class.

Election to Beta Gamma Sigma

Beta Gamma Sigma is the national honor society for business programs accredited by the American Assembly of Collegiate Schools of Business. Students are elected each spring. To be considered for membership in Beta Gamma Sigma, an undergraduate must:

- 1. pursue the Bachelor of Business Administration degree,
- 2. be of high moral character,
- be in the upper seven percent of the junior class or upper ten percent of the senior class, and
- 4. be approved by the nominating committee.

The cumulative grade point average is used to determine class rank. No more than ten percent of the BBA graduates may be elected to membership from a graduating class.

Dean's List

At the end of the fall and spring semester, the Dean's List is issued and consists of those students who for that semester:

- (a) earned at least 3 course units.
- (b) earned a grade point average of at least 3.5 for that semester.
- (c) earned grades of C or higher in each course.
- (d) met the standard, in the judgment of the dean, of being a good citizen of the College community.

Course Load

Four course units per semester is considered the normal load for full-time students.

Students may not take more than 4 1/4 course units of academic work unless they have a grade point average of 2.5 on the last semester. No student may take more than 4 1/2 course units without a grade point average of 3.0 on the last semester and permission from the dean. No student may receive credit for more than 5 course units in a semester under any circumstances. In order to be classified as a full-time student, one must take no fewer than 3 course units. However, a graduating senior taking all work required to complete the degree requirements, in their last semester, may be counted as full-time with fewer than three course units except for financial aid purposes.

Administrative Regulations

Schedule Changes

No student can be registered for courses in another college while being enrolled at Millsaps without the written permission of the dean of the college.

A student cannot change classes, drop classes or take up new classes except by the consent of the faculty adviser or the dean. Courses dropped within the first two weeks of a semester do not appear on the student's record. Courses dropped after the first two weeks and no later than one week after the reporting date for mid-semester grades are recorded as WP (withdrawn passing) or WF (withdrawn failing). Courses dropped after this time are ordinarily recorded as F. Students who drop a course without securing the required approvals will receive an F.

Withdrawal

A student desiring to withdraw from the college within any term must obtain permission from the dean or associate dean of the college and file a withdrawal form. No refund will be considered unless this written notice is procured and presented to the Business Office. Refunds will be made according to the policy outlined under the Financial Regulations section.

A student who withdraws with permission after the first two weeks of a semester is recorded as WP (withdrawn passing) or WF (withdrawn failing) in each course. A student who withdraws without permission receives a grade of F in each course. Enforced withdrawal may result from habitual delinquency in class, or any other circumstance which prevents the student from fulfilling the purpose of college. The college reserves the right to cancel the registration of any student. In such a case, the pro rata portion of tuition will be returned, except that students withdrawing under discipline forfeit the right to a refund.

No student who withdraws is entitled to a grade report or to a transcript of credits until all accounts are settled in the Business Office.

Academic Probation

Students who earn in any semester a grade point average of less than 1.5 will be placed on academic probation. A student may be removed from academic probation by earning a 2.0 grade point average during a regular semester or a summer session at Millsaps College provided that the student completes at least three course units.

Academic Suspension

A student on academic probation for two consecutive semesters will be placed on academic suspension. A student may also be placed on academic suspension if satisfactory progress has not been made toward a degree. Satisfactory progress is defined as maintaining:

- 1.5 cumulative grade point average when seven courses have been attempted, or
- 1.8 cumulative grade point average when more than seven courses and less than 15 courses have been attempted, or
- 2.0 cumulative grade point average when greater than 15 courses have been attempted, or
- 2.0 cumulative grade point average after senior status has been obtained.

Students who have been suspended may petition the dean of the college in writing for readmission. The first suspension will ordinarily be for the duration of one semester, the second suspension for a full academic year. Students seeking readmission should apply as soon as possible in order to assure sufficient time to fulfill whatever requirements may be necessary for readmission to be granted.

Unsatisfactory Academic Progress

A part-time student who makes a grade point average of less than 1.5 in any semester will be notified that he or she is making unsatisfactory academic progress. To be removed from that classification the student must make a 2.0 grade point average during a regular semester or summer session.

Class Attendance

Irregular attendance indicates that the student may be having difficulties adjusting to the course or to college. The primary responsibility for counseling students with respect to their absence rests with the faculty member; but, in the following circumstances, the faculty member is expected to report in writing the student's unsatisfactory attendance record to the Office of Records.

- 1. For a freshman whenever the total absences are equal to twice the number of class meetings per week.
- For any student after three successive absences for reasons unknown to the instructor, or when in danger of failing the course.

The reporting of absences is for counseling purposes only, and has no effect on the student's grade.

Individual faculty members decide the manner and extent to which absences alone will affect a student's grade. Each faculty member is expected to outline the policy in writing to each class at the beginning of the semester. This may extend to dismissal from the course with a grade of "F" for reasons solely of absence.

Absences are excusable only by the individual faculty member, but an excused absence does not excuse the student from being responsible for the course work. Explanation for a student's absence provided by a parent, medical doctor, or a member of the faculty or administration may be helpful to the faculty member, but such explanations are not in themselves excuses. This is particularly important in the case of absences involving missed examinations, late assignments, laboratory sessions and similar scheduled commitments. Faculty members, however, may not excuse students from attendance on the two days preceding and the two days following vacation periods without the express permission of the dean.

Each student is responsible for knowing general attendance policy of the College and the particular policies operative in each class. Further details relating to attendance are in the student handbook, *Major Facts*.

Permission to make up an examination or alter the time for an examination may be granted only through the dean of the college. Any special examination, if granted, must be held no later than the sixth week of the next regular semester.

A student who has been excluded from a course by recommendation of the instructor may petition the dean of the college within one week for the privilege of a reinstatement examination. This examination, to be prepared and administered by the instructor, shall cover the work of the course up to that date. Re-entry shall depend upon the examination results. If a student does not petition for re-entry, or if the re-entry is denied, the grade shall be recorded as F.

Senior Exemptions

Students may elect to be exempt from final examinations only in the semester in which they complete their comprehensive examinations, and only in those courses in which they have a C average or better. It shall be understood, however, that this exemption does not ensure the student a final grade of C, since daily grades during the last two weeks shall count in the final average. Under no circumstances may a student be exempt from any examination in more than one term or semester.

Seniors may be allowed one special examination in any subject taken and failed in the senior year. Permission for such examination must be secured from the dean or associate dean of the college. Students may request exemption from other requirements by petition to the dean of the college.

Honor Code

Millsaps College is an academic community where men and women pursue a life of scholarly inquiry and intellectual growth. The foundation of this community is a spirit of personal honesty and mutual trust. Through their Honor Code, members of the Millsaps community, faculty and students, affirm their adherence to these basic ethical principles.

An Honor Code is not simply a set of rules and procedures governing students' academic conduct. It is an opportunity to put personal responsibility and integrity into action. When students agree to abide by the Honor Code, they liberate themselves to pursue their academic goals in an atmosphere of mutual confidence and respect.

The success of the code depends upon the support of each member of the community. Students and faculty alike commit themselves in their work to the principles of academic honesty. When they become aware of infractions, both students and faculty are obligated to report them to the Honor Council which is responsible for enforcement.

The Millsaps Honor Code was adopted by the student body and approved by the faculty and Board of Trustees in 1994.

Student Behavior

The College has the responsibility and authority to establish standards for scholarship, student conduct and campus life. Therefore, it cannot condone violations of local, state or federal laws or conduct detrimental to students or to the College. Students, as adults, are presumed to know the law as to illegal conduct prohibited by municipal, state or federal law and are governed thereby.

Millsaps students are expected to act with honesty and integrity in personal, social and academic relationships and with consideration and concern for the community, its members and its property.

Millsaps requires from every student sober, decorous and upright conduct as long as he/she remains a member of the college community, whether he or she be within its precincts or not. No individual or group should cause serious discomfort or injury to others or to the community. This will include such acts as obstruction or disruption of teaching, research, administration or other collegiate activities and unauthorized entry to or use of college facilities.

The College expects students to be concerned with the physical and psychological well-being of others and cannot condone behavior which exploits another individual. Students and organizations are expected to comply with rules governing the academic, social, and residential life of the College. They are expected to comply with directions of college officials. Students are also responsible for the behavior of their guests while on Millsaps property and/or at Millsaps functions.

Alcoholic Beverages

The trustees and administration are fully committed to the spirit of the United Methodist Church and are equally committed to comply with the laws of the state of Mississippi regarding the consumption of alcoholic beverages, (which shall include, but not be limited to, light wine and beer) on the Millsaps College campus. It is the position of the College that the use of alcoholic beverages is not a part of, nor does it contribute to, the total educational emphasis of Millsaps College and to the full and abundant life that God wills for each person.

The College expects students to comply with the laws of the State of Mississippi and the College regulations relating to alcoholic beverages and to accept responsibility for their behavior as members of the College community. The College does not condone the illegal possession, use, distribution or sale of alcoholic beverages.

A student may consume alcoholic beverages only within the privacy of his or her room whether in the residence hall or in the fraternity/sorority facilities and only in accordance with the state law which prohibits the drinking of alcoholic beverages for those under 21 years of age. Regardless of age and state law requirements, no student is allowed to consume alcoholic beverages outside the confines of a student's room.

Fraternity and sorority facilities are subject to all applicable state laws and city ordinances. The display, serving, consumption, or any other use of alcoholic beverages is prohibited in public areas which include the lounges, porches, yards, grounds and other external structures of such facilities.

Consumption of alcoholic beverages for those of age in a student's room in the residence hall or fraternity/sorority facilities must never result in irresponsible behavior or contribute to an environment not conducive to the realization of the primary goals and aims of the College.

The possession and consumption of alcoholic beverages are not permitted in any public area on the campus. This includes all public areas on the campus. Public areas are defined as any area outside of the student's private room.

Complete regulations governing the use of alcoholic beverages on campus and at off-campus functions may be found in the current *Major Facts*, the student handbook.

Illegal Substances

The College cannot condone violations of federal, state or local laws regarding any illegal drugs, narcotics and dangerous substances. The use, possession or distribution of such substances, except as expressly permitted by law, are not permitted.

Disciplinary Regulations

Students guilty of serious infractions of College regulations may be subject to disciplinary action including: social probation, disciplinary probation, suspension or expulsion at the discretion of the Judicial Council, the vice president for enrollment and student affairs or the president of the College dependent upon the original jurisdiction. Cases involving a recommendation of suspension or expulsion are automatically appealable to the president of the College.

Social Probation

Social probation is a warning to a student regarding conduct standards. Its primary purpose is to serve as a period of time in which a student is asked to prove responsibility to himself/herself and the College.

When a student is placed on social probation he/she is prohibited from participating in extracurricular campus activities such a fraternity/sorority social activities, intramural and varsity sports. In addition a student may hold no office of campus leadership.

When an organization is placed on social probation, the organization may not sponsor social activities in the name of the organization for the period of the social probation.

Disciplinary Probation

Disciplinary probation is the most serious penalty, short of suspension and expulsion, that can be incurred by a student. During a period of disciplinary probation any further infraction of college regulations will render the student liable to suspension or expulsion.

Disciplinary Suspension and Disciplinary Expulsion

Suspension is a decision to temporarily separate a student from the College.

Expulsion is a decision to permanently separate a student from the College.

When a student is placed on disciplinary probation, suspended or expelled, parents are notified and asked to come to the campus for a conference with the President and an associate dean of students.

A more comprehensive statement of college policy regarding student behavior is contained in the student handbook, *Major Facts*. Specific regulations pertaining to residence halls and other facets of campus life are available through the Office of Student Affairs.

Departments of Instruction



Academic Program

The academic program of the College is organized into the Division of Arts and Letters, the Division of Sciences, and the Else School of Management. Within these units are the academic departments and programs through which the curriculum of the College is administered.

Course offerings, together with major and minor requirements, are generally listed by department. Interdisciplinary courses and programs appear under a separate heading.

Accounting	122
Art	
Biology	90
Business Administration	123
Chemistry	
Christian Education	
Classical Studies	69
Computer Studies	103
Economics	
Education	96
English	
European Studies	114
French	
Geology	98
German	
History	
Interdisciplinary Core	
Interdisciplinary Programs	
Mathematics	
Modern Languages	
Music	
Philosophy	
Physics	
Political Science	
Psychology	109
Religious Studies	
Sociology-Anthropology	
Spanish	
Theatre	89
Women's Studies	

Course Numbers

The first number indicates the class level with 1 primarily for first year students, 2 for sophomores and above, 3 for juniors, and 4 for seniors.

The departmental structure primarily determines the second and third numbers.

The fourth number indicates whether the course is 1/4, 2/4, 3/4 or a full course (0 indicates a full course credit).

Division of Arts and Letters

Judith W. Page, Associate Dean

Art

Associate Professors:

Elise L. Smith, Ph.D., Chair Lucy Webb Millsaps, M.A.

Assistant Professor:

Collin Asmus, M.F.A.

Requirements for Major: Students may complete a major in art with a concentration in either studio art or art history. Ten courses are required for the studio concentration and nine and a half for art history, at least fifty percent of which must be taken at Millsaps. A student who completes an honors paper in art may count that work as one elective course. Students may also count up to the equivalent of one course credit for internship or museumship toward the art major.

- **A. Studio art concentration:** Foundations of Art I and II, Beginning Drawing, Intermediate Drawing, two other studio courses (or the equivalent), three art history courses, and Senior Project in Studio Art.
- **B.** Art history concentration: Foundations of Art I and II, Survey of Ancient and Medieval Art, five other art history courses, of which one may be a core topics course taught by art department faculty, Aesthetics, and Senior Project in Art History.

Students may also complete an art major with a double concentration. Fourteen courses are required, at least fifty percent of which must be taken at Millsaps. Completion of the Honors Program in Art may count as one of the elective courses in art history, and students may also count up to the equivalent of one course credit for internship or museumship toward the major. Required courses include: Foundations of Art I and II, Beginning Drawing, Intermediate Drawing, two other studio courses (or the equivalent), Survey of Ancient and Medieval Art, five other art history courses (of which one may be a core topics course with an emphasis in art history), Aesthetics, and a Senior Project especially designed for the double concentration.

Requirements for Minor: Students may elect a minor in studio art with Foundations of Art I and II, and two courses in studio art or the equivalent. Students may elect a minor in art history with four art history courses, of which one may be a core topics course taught by art department faculty.

Studio Art

- **2100-2110 Foundations of Art I & II (1-1)**. An introduction to the materials, elements, and organizational principles of art.
- **2200 Beginning Drawing** (1). An introduction to drawing using lines and tones to model still life objects, landscapes, the skeleton and the figure.
- **2210 Beginning Painting (1).** Offers technical training in the use of materials and in the basics of color and composition. The course attempts to acquaint the student with the world beyond the studio and the work of artists past and present.
- **2220 Beginning Ceramics** (1). Introduces students to fundamental handbuilding techniques and glazing with an emphasis on form and function.

- **2230 Beginning Printmaking (1).** An introduction to relief printing techniques with an emphasis on woodcuts. Prerequisite: Art 2100 or Art 2200 or permission of instructor.
- **2240 Beginning Photography (1).** Explores the camera as a tool for self-expression while teaching fundamental dark room procedures.
- **2250 Beginning Sculpture** (1). A wide range of traditional sculpture media and techniques will be explored, including carving, modeling, and casting. Students will start a fundamental investigation into the work and methods of various sculptors as well as develop a familiarity with the terminology and ideas of this discipline.
- **2260 Lettering (1).** Introduces basic letter forms and the art of calligraphy and examines their use as a visual element in design. *Offered in alternate years.*
- 3300 Intermediate Drawing (1). A continuation of Beginning Drawing using pen and ink, wash and conte crayon. Prerequisite: Art 2200.
- 3310 Intermediate Painting (1). A continuation of Beginning Painting. This course attempts to establish in students the habit of questioning themselves and their work and a commitment to constant exploration and experimentation. Prerequisite: Art 2210
- **3320 Intermediate Ceramics** (1). A continuation of Beginning Ceramics which introduces students to wheel throwing techniques and to colored slips, with an emphasis on the cylindrical form. Prerequisite: Art 2220.
- **3330 Intermediate Printmaking (1).** An introduction to intaglio printing techniques. Prerequisite: Art 2230.
- **3340** Intermediate Photography (1). Offers an opportunity to develop skills in the uses of photography and to gain an historical and critical understanding of the field with a concentration on subject and content rather than technique. Prerequisite: Art 2240. Offered occasionally.
- **3350 Intermediate Sculpture** (1). This course will explore nontraditional materials, techniques, and approaches involved in the creation of a three-dimensional work of art. Prerequisite: Art 2250.
- **3400** Advanced Drawing (1). Advanced problems employing various mixed-media techniques. Prerequisite: Art 3300.
- **3410** Advanced Painting (1). Concentrates on major contemporary themes and issues in the medium. Prerequisite: Art 3310.
- **3420** Advanced Ceramics (1). A continuation of previously taught handbuilding and wheel throwing techniques and an introduction to glaze formulation and kiln building. Prerequisite: Art 3320.
- **3430** Advanced Printmaking (1). Emphasis on individual problems in printmaking, with advanced work in a particular medium. Prerequisite: Art 3330.
- **3450** Advanced Sculpture (1). Emphasis on individual problems in sculpture, with advanced work in a particular medium. Prerequisite: Art 3350.
- **4770 Senior Project in Studio Art (1).** Each senior will produce a body of work to be evaluated for graduation and shown in a senior exhibition. It is understood that the department will retain a work from the exhibit.

Art History

- 2500 Survey of Ancient and Medieval Art (1). Traces the development of art from prehistoric times through the late Gothic period.
- 2510 Ancient Art and Archaeology (1). Focuses on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. (Same as Classical Studies 3300). Offered in alternate years.

- **2520 Northern Renaissance Art (1).** A study of painting from the 15th and 16th centuries in Northern Europe, with special attention paid to the interpretation of symbolic images. *Offered in alternate years*.
- **2530 Italian Renaissance Art (1).** A study of painting, sculpture, and architecture from the 14th through the 16th century in Italy, set in the context of Renaissance thought and culture. *Offered in alternate years*.
- **2540 Baroque Art** (1). A study of European art of the 17th Century. *Offered in alternate years*.
- 2550 Eighteenth and Nineteenth Century Art (1). A study of European art of the 18th and 19th centuries in the context of an increasingly industrialized and middle-class society, with attention paid to the influence of photography and Japanese art. Offered in alternate years.
- **2560 Modern Art (1).** A study of European and American art of the 20th century. *Offered in alternate years.*
- **2570** Images of Women in Art and Literature (1). A study of representations of women by male and female artists and writers from the 15th through the 19th century. *Offered in alternate years*.
- **2580** Women Artists (1). A study of the work of women artists from the 15th through the 20th century, with particular attention to the impact of gender on artistic production. *Offered in alternate years*.
- **2590 Topics in World Art (1).** A study of selected topics in the art of Asia, Africa, and Latin America, either surveying key periods of two or three cultures or focusing on one of these areas. *Offered in alternate years*.
- **4752 Senior Project in Art History** (1/2). A course of directed reading and writing in which the senior produces a paper to be presented in written and oral form to the department faculty and senior majors.
- *2750-2752 Special Topics (1/2 1).
- *3800-3802 Independent Study (1/2 1).
- *3850-3852 Art Internship (1/2 1). An internship in which a student works with a local business firm or artist under the supervision of the Art Department. Prerequisite: Consent of Art Department.
- *3860-3863 Museumship (1). An internship offered in cooperation with the Mississippi Museum of Art or another regional museum, enabling students to gain insight into the functions of various museum departments. Prerequisite: Consent of Art Department.
- *These courses can count as either studio art or art history.

Classical Studies

Professor: Catherine Ruggiero Freis, Ph.D., Chair

Assistant Professors: Michael Gleason, Ph.D. Leonora Olivia, Ph.D.

Requirements for Major: Students may complete a major in classical studies with ten courses, of which five courses must be in either Latin or Greek. The courses may be distributed among offerings in Greek, Latin, Sanskrit or Classical Civilization, provided that two languages are represented and that Civilization 3800 (Survey of the Classical World) is included. Students who intend to teach Latin in the secondary

schools must take four courses above the introductory level for teacher certification. Those who intend to go to graduate school in classics should take additional language courses in both Greek and Latin. Prospective majors should also consider off-campus programs in the classics in Rome, Italy, or Athens, Greece. For further information, see Special Programs section and the chair of the department.

Requirements for Minor: Students may elect a minor in classical studies with five courses, of which three must be in either Latin or Greek. The remaining courses may be chosen from offerings in Greek, Latin or Classical Civilization, provided that Civilization 3800 (Survey of the Classical World) is included.

Classical Studies: Civilization

The following courses are conducted in English; they are open to all students for elective and pass/fail credit. Different courses in this sequence will be offered from year to year.

- **3000 Myth (1).** A study of the symbols and motifs of mythology focusing on the myths of Greece and Rome, with comparative material introduced from near Eastern, American Indian, Asian, African and Norse mythology. *Offered in alternate years*.
- 3100 Greek Tragedy (1). In this course, students will read the main surviving works of three great tragedians, Aeschylus, Sophocles, and Euripides, and close with two critical works, Aristotle's *Poetics* and Aristophanes' comedy about tragedy, *The Frogs*. A number of performances of Greek tragedy and an examination of ritual drama in contemporary Japan, China, India and Bali will be part of the course. *Offered in alternate years*.
- **3200 The Classical Epic (1).** The class will begin by studying the Mesopotamian epic, the *Gilgamesh*, and then turn to a study of three great classical epics, the *Iliad*, the *Odyssey*, and the *Aeneid*. Additional epic literature from India, Africa and China will be part of the course. *Offered occasionally*.
- 3300 Classical Art and Archaeology (1). This course will focus on the changing vision of the world and human experience in ancient Greek and Roman art and the forms and techniques which artists evolved to represent that vision. There will be a field trip to the Museum of Classical Archaeology at the University of Mississippi. Offered occasionally.
- 3400 Women in Antiquity: The Lives of Women in Ancient Greece through the Roman Empire (1). The study of the representation of women in art and literature situated within their relevant historical contexts. Offered in alternate years.
- **3500** Ancient and Medieval Philosophy (1). A survey of ancient philosophy through the medieval period (same as Philosophy 3010). *Offered in alternate years*.
- **3600** Ancient History (1). A survey of ancient history from the beginning of civilization to the fall of Rome (same as History 3240). *Offered in alternate years*.
- 3700 Greek and Roman Religion (1). A survey of cult and state religious practices as they were performed from Minoan culture through the birth of early Christianity. *Offered occasionally*.
- 3800 Survey of the Classical World: Society and Culture in Ancient Greece and Rome (1). The study of the art and literature from the earliest evidence in Greece through the late Roman Empire as situated in cultural and historical contexts. Offered in alternate years.
- 3850-3853 Special Topics (1/4 to 1).
- 4850-4853 Special Topics (1/4 to 1).

Classical Studies: Greek

Greek fulfills the language requirement for the B.A. and B.L.S. degrees.

Courses numbered 2010-2050 are suitable for second year course work.

1010-1020 Introduction to Greek (1). Primary emphasis is on mastery of grammar, vocabulary, and forms with some attention to Greek literature and culture. Readings include selections from the New Testament, Greek philosophy and Homer.

2010 Plato (1). Selected readings from the Dialogues. Offered in alternate years.

2020 Greek New Testament (1). Selected readings from *The Gospels* and *Paul. Offered in alternate years*.

2030 Homer (1). Selected readings from the Iliad. Offered occasionally.

2040 Euripides (1). A reading of one of the plays. Offered occasionally.

2050 John (1). Selected readings from the Gospel of John. Offered occasionally.

2750-2753 Special Topics (1/4 to 1). Readings from selected authors.

3750-3753 Special Topics (1/4 to 1). Study of such authors as Homer, the lyric poets, Aeschylus, Sophocles, Euripides, Aristophanes, Demosthenes, Plato. Aristotle, New Testament writers, and Greek composition, prose or verse.

4750-4753 Special Topics (1/4 to 1).

Classical Studies: Latin

Latin fulfills the language requirement for the B.A. and B.L.S. degrees.

Courses numbered 2110-2150 are suitable for second year work.

1110-1120 Introduction to Latin (1). Primary emphasis is on mastery of grammar, vocabulary and forms with some attention to Latin literature and culture. Readings include selections from Latin prose and poetry.

2110 Ovid (1). Selected readings from the *Metamorphoses*. Offered in alternate years.

2120 Virgil (1). Selected readings from the Aeneid. Offered in alternate years.

2130 Petronius (1). Selected readings from the Satyricon. Offered occasionally

2140 Catullus (1). Selected readings. Offered occasionally.

2150 Roman Love Elegy (1). Selected readings. Offered occasionally.

2160 Cicero (1). Selected readings. *Offered occasionally*. **2750-2753** Special Topics (1/4 to 1). Readings from selected authors.

3750-3753 Special Topics (1/4 to 1). Readings from selected authors.

1. Study of such authors as Horace, the elegists,

1. Lucrative Sollyst Liver Topics (1/4 to 1). Paternive Plants. Topics and Letin

Lucretius, Sallust, Livy, Tacitus, Juvenal, Petronius, Plautus, Terence and Latin composition, prose or verse.

4750-4753 Special Topics (1/4 to 1).

Classical Studies: Sanskrit

1210-1220 Introduction to Sanskrit (1). Primary emphasis is on the mastery of the alphabet and on grammar and on vocabulary through reading of selections from the *Bhagavad Gita*. *Offered in alternate years*.

2750-2753 Special Topics (1/4 to 1). Readings from Sanskrit literature.

3750-3753 Special Topics (1/4 to 1). Readings from Sanskrit literature.

English

Professors: Suzanne Marrs, Ph.D., Chair

Judith Page, Ph.D.

Associate Professor: Austin Wilson, Ph.D.
Assistant Professors: Teresa Faherty, Ph.D.

Michael Galchinsky, Ph.D. Anne MacMaster, Ph.D. Gregory Miller, Ph.D.

Requirements for Major: Students may complete a major in English with ten courses in English. Required courses include Introduction to Interpretation, Introduction to British Literary History, I and II, and Senior Colloquium. The remaining six course requirements are as follows: students must select four courses, one focused on a particular literary period, one on an author, one on a genre or in literary theory, and one in cultural studies. The remaining two courses may be electives. One of these six courses must be from a period before 1800.

Students may count toward the major one core topics course which has a primary emphasis on literature and which is taught by regular English faculty. Two semesters of Heritage may also count as one elective. A student who completes an honors paper in English may also count that work as one elective course. Students may count up to two half-credit internships toward the English major.

Requirements for Minor: Students may elect a minor in English with five courses, including Introduction to Interpretation and Introduction to British Literary History, I and II. One core topics course taught by a regular English faculty member and having a primary emphasis on literature may be used to meet this requirement.

Literary Studies

1000 Introduction to Interpretation (1). This course is a prerequisite to most courses in the English department. It focuses on a variety of interpretive problems and on different kinds of texts, including films.

2010 Introduction to British Literary History I (1). A history of British literature from the beginnings to 1800, with an emphasis on the meaning and development of literary history.

2020 Introduction to British Literary History II (1). A history of British literature from 1800 to the present, with an emphasis on the meaning and development of literary history.

3100 Studies in Medieval Literature (1). This course is designed to introduce students to a wide range of themes, genres, and texts written before 1500. The specific topics will vary in different years, but may include the romance, women's spiritual autobiography, cycle plays, or religious writings. This course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor. Offered in alternate years.

3110 Studies in Renaissance Literature (1). This course will include the study of poets, playwrights, and prose writers of the Tudor, Stuart, and Commonwealth periods. This course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor.

3120 Studies in Restoration and Eighteenth-Century Literature (1). This course will focus on a variety of themes and topics in literature from the English Restoration

through the eighteenth century. The topics, which will vary from year to year, will include satire, the novel, drama, and Johnson and his age. This course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor. *Offered in alternate years*.

3130 Studies in Nineteenth-Century British Literature (1). The specific content of this course will vary from year to year, with topics focusing on significant issues in romantic and/or Victorian literature. The course may be repeated for credit with a

different topic. Prerequisite: English 1000 or permission of instructor.

3150 Studies in American Literature Before 1920 (1). A study of the literary history of the United States, focusing upon the poetry, drama, and/or fiction of the colonial and Federal period, on the American Renaissance, or on the late nineteenth and early twentieth centuries. Course content will vary from semester to semester. The course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor.

- 3180 Studies in Twentieth-Century Literature (1). Students will read, discuss, and write about British, American, South African, Caribbean, and other twentieth-century texts. The specific content will vary from year to year, but possibilities include such topics as modernism as a literary movement, the modern novel, modern and contemporary poetry, and twentieth-century drama. This course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor.
- **3200** Special Studies in Literary History (1). This course will involve the study of the transformations, transitions, and continuities in literary history. Specific topics will vary, but possibilities include the transition from neoclassical to romantic literature, the move from the Victorian to the modern period, or the development of American autobiography. This course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor. *Offered occasionally*.
- **3300** Chaucer (1). This course will consider Chaucer's major works, including *The Canterbury Tales* and *Troilus and Criseyde*, in the larger cultural context of the fourteenth century. Special attention may be given to Chaucer's experimentation with a wide variety of poetic forms. Prerequisite: English 1000 or permission of instructor. *Offered in alternate years*.
- **3310 Shakespeare** (1). This course will explore the poetic and dramatic career of William Shakespeare within the context of his age and from the perspective of contemporary critical approaches. Prerequisite: English 1000 or permission of instructor. *Offered in alternate years*.

3320 Milton (1). With a primary emphasis on *Paradise Lost*, this course will consider Milton's works and his career. Prerequisite: English 1000 or permission of instruc-

tor. Offered in alternate years.

3350 Authorial Studies (1). This course will be devoted to the works of one or more authors, focusing on their texts in the context of their lives and cultures. Possible authors include: Hawthorne, James, and Wharton, Joyce and Woolf, Faulkner and Morrison, or Austen and Scott. The course may be repeated for credit with a different topic. Prerequisite: English 1000 or permission of instructor. Offered occasionally.

3500 Studies in Genre (1). This course will be devoted to studying genres such as the novel, the lyric, the short story, and the drama. The particular genre will vary from year to year; students may repeat the course for credit when the topic is different.

3540 Film Studies (1/4, 1/2 or 1). This course will consider the cultural and artistic significance of film. The content of the course will vary, potentially emphasizing such issues as the relationship between film and another genre, films of a particular period or style, or the history of film.

3550 History of Literary Criticism (1). This course includes an historical survey of major theorists and movements from the ancient world through postmodernism.

Prerequisite: English 1000. Offered in alternate years.

3570 Theory and Practice of Narrative (1). This course addresses the nature of narrative with attention given to some of the leading theorists of narrative and to the reading of selected narratives - drawn from fables, myths, poems, short stories, novels, as well as historical narratives, case studies, and movies - in the light of these theories. Prerequisite: English 1000. Offered occasionally.

3800-3802 Directed Study in English (1/2 or 1). If students wish to pursue a subject or problem beyond the standard curricular offerings, they must plan such a course with an instructor and obtain that instructor's permission to register for this option.

3852 Internships in English (1/2). Under the guidance of an English department faculty sponsor, students may elect to take up to two half-credit internships, working in such areas as public relations, advertising, theatre, or journalism.

4900 Senior Colloquium (1). All English majors are required to take this course in the spring of their senior year; this course is designed to help students consolidate and

build on their studies.

Literature and Culture

2110 Southern Literature and Culture (1). This course involves a study of southern poets, dramatists, and/or writers of fiction in the context of the southern culture out of which and about which they write. Content will vary. Offered in alternate years.

2120 Multicultural Literature (1). This course will focus on various aspects of African American, Asian American, Chicano, Jewish, Native American, and/or other ethnic American literatures. Sometimes the focus will be comparative, and sometimes the focus will be on a particular tradition, such as African-American writing. Offered in alternate years.

2130 Women Writers (1). The particular writers, periods, and genres covered will vary, but the works of women writers will be read in the light of their cultural contexts and of current feminist methodologies. Texts will reflect the racial and ethnic diversity

of women writing in English. Offered in alternate years.

2440-2450 Interdisciplinary Studies in Literature (1). Courses in this category cross disciplinary boundaries and are cross-listed with another department. Possibilities include literature and history, literature and art, literature and philosophy, or literature and religion.

3750 Special Topics in Literature and Culture (1). The specific content will vary, but this course will consider the interplay of texts and their cultural or multicultural contexts; the course may focus on such topics as new literature in English or on literature and popular culture in Victorian England. Offered occasionally.

Rhetoric, Writing and Pedagogy

2400 Introduction to Creative Writing (1). Students will study the forms, techniques, and processes of fiction, poetry, or script writing by reading models and by practicing their own writing. Students will discuss their own writing in the context of readings from traditional and contemporary works. The specific focus of the course will vary from year to year. Offered in alternate years.

2410 Expository Writing (1). This course will focus on the art of essay writing in various modes. Required readings will vary, but there will always be a substantial

amount of writing and revising. Offered occasionally.

2420-2422 Teaching Writing: A Practicum (1/4, 1/2 or 1). This course is a practical study of how people learn to write, with attention to the student's own writing,

- examination of the writing process and consideration of the theory and practice of teaching writing. Practice in tutoring in the Writing Center is an essential part of this course.
- 2430 Journalism (1). This basic course teaches the skills of news writing and reporting, including the history and principles of journalism and the techniques of layout and copy writing.
- **3400** Writing and Reading Fiction (1/2 or 1). An advanced class in the reading and writing of fiction. Prerequisite: English 2400 or permission of instructor. *Offered occasionally*.
- **3410** Writing and Reading Poetry (1/2 or 1). An advanced class in the reading and writing of poetry. Class time will be divided between discussing poems by writers outside the class and by students in it. Prerequisite: English 2400 or permission of instructor. *Offered occasionally*.
- 3760-3762 Special Projects in Writing (1/4, 1/2 or 1). This course is designed for students who want to pursue an independent writing project beyond work done in one of the established courses. Students must obtain permission of the instructor to register for this option.

History

The Elizabeth Chisholm Chair of Arts and Letters

Professors: Robert S. McElvaine, Ph.D., Chair

William Charles Sallis, Ph.D.

Associate Professor: David C. Davis, Ph.D.

Assistant Professors: Laura E. Nym Mayhall, Ph.D.

Sanford C. Zale, Ph.D.

Requirements for Major: Students may complete a major in history with ten courses, including both semesters of History of the United States, Europe Since 1789, the Senior Seminar, and one course each in the European and Non-Western areas. One core topics course taught by an instructor from the History Department may be used to meet the requirements of the history major.

Requirements for Minor: Students may elect a minor in history with four courses, including both semesters of History of the United States.

- 2100 History of the United States to 1877 (1). A survey of the cultures and history of the peoples that lived in the area that became the United States, from the Pre-Columbian era through European colonization, the introduction of African slaves, the American Revolution, the early Republic, the Civil War and Reconstruction.
- 2110 History of the United States since 1877 (1). A survey of the main developments in the United States and how they affected American men and women from the end of Reconstruction through industrialization and urbanization, the emergence of the United States as a world power, the rise of a partial welfare state, and the Cold War, down to the present.
- **2120 Women (and Men) in America (1).** An interdisciplinary examination of the history of women and the ways in which they have interacted with men and maledominated institutions over the course of American history. The course will employ

works of literature, art, film and music among its means of exploring the changing lives of women and men in America.

2130 The African-American Heritage I (1). An interdisciplinary study concentrating on the historic and contemporary experience of black people in America, from colonial times to 1877. *Offered in alternate years*.

2140 The African-American Heritage II (1). An interdisciplinary study concentrating on the historic and contemporary experience of black people in America, from 1877

to the present. Offered in alternate years.

2210 European Civilization Since 1789 (1). This course is a survey of the major social, political, economic and intellectual developments in European history from the French Revolution of 1789 to the revolutions in Eastern Europe in 1989/1990. Lectures and discussion will be devoted to understanding the influence of ideology (liberalism, conservatism, socialism, nationalism) on social and political life; the role of material factors (economic change, urbanization, the experience of warfare) in historical change; and the global expansion of Europe and the extension of European ideas and institutions to other peoples of the world.

2310 African History and Society (1). An interdisciplinary survey of major themes in African history from the earliest records of human activity on the continent to the struggles for South Africa. Literature, music, art and popular culture will be studied as ways of understanding the complex contemporary issues faced by Africans.

2400 Middle Eastern History and Society (1). An interdisciplinary survey of major themes in Middle Eastern history from the advent of Islam to the Persian Gulf conflict and the Madrid Peace Conference. Literature, music, art and popular culture will be studied as ways of understanding the contemporary issues faced by men and women of this region. *Offered in alternate years*.

3100 The Old South (1). A study of the development of the southern region of the United States from the time of discovery to the beginning of the Civil War. *Offered*

in alternate years.

3110 Civil War and Reconstruction (1). An examination of the political, economic, military, diplomatic, and social aspects of the Civil War and Reconstruction periods. *Offered in alternate years*.

3120 The New South (1). A study of the development of the South after the Civil War

to the present. Offered in alternate years.

3130 American Revolution and Establishment of Federal Union, 1754-1789 (1). An examination of the political, economic, social and cultural events which led to the American colonial revolt against Britain and the establishment of the Federal union in the Constitution of 1787. Offered occasionally.

3140 Age of Jefferson and Jackson, 1789-1848 (1). A continuation of American Revolution and Establishment of Federal Union, this course will examine the political, economic, social and cultural history of the United States from the Administration of George Washington to the conclusion of the Mexican War.

Offered in alternate years.

3150 American Social and Intellectual History (1). An exploration of aspects of American thought, values and society from the colonial period to the present, focusing on the ways in which Americans have viewed themselves and how American ideas and values have differed from those of other peoples. *Offered occasionally*.

3160 Topics in American Culture (1). An interdisciplinary exploration of a particular topic in American culture. The history, literature, thought, music, art and popular culture of a period (such as a decade) or aspect of the United States will be studied. Topics will change from year to year, and a student may take the course more than

once if the topics are different. Offered occasionally.

- **3170** The Great Depression (1). An interdisciplinary examination of American history and culture during the era of the Great Depression (1929-1941), utilizing literature, film, music, painting, and photography, as well as more traditional historical sources. *Offered in alternate years*.
- **3180** The Sixties (1). An interdisciplinary examination of American history and culture during the 1960s, utilizing literature, film, music, painting, and sculpture, as well as more traditional sources. *Offered in alternate years*.
- **3190** Our Times: America Since 1970 (1). An interdisciplinary examination of American history and culture from 1970 to the Present, utilizing literature, film, music, painting, and sculpture, as well as more traditional historical sources. *Offered occasionally*.
- **3240 Topics in European Culture and History (1).** An interdisciplinary examination of a particular topic, period, or region of European culture. Topics will change, and a student may take the course more than once if the topics are different. *Offered occasionally*.
- 3250 European Women, 1750-1950: Negotiating the Public and Private (1). This course examines the experience of women and the meaning of gender in Britain, France, and Germany from the onset of industrialization through the period following the Second World War. Particular attention will be paid to the following questions: the impact of industrialization on the European family; the Victorian construction of separate spheres; the role of the state in defining gender roles and regulating sexuality; and the impact of war on gender relations. Offered occasionally.
- **3260** Britain Since 1750 (1). A survey of Britain since 1750, this course charts the forging of a national identity through Britain's varied experiences of war, empire, religion, and consumerism. It has as its focus the centrality of empire to British domestic politics and culture. *Offered in alternate years*.
- **3270 Power and Identity in Modern Europe:** Nation/Body History (1). This course explores the formation of culture identities in Europe between the late eighteenth and late twentieth centuries. Its purpose is to introduce students to current issues in the field of European cultural history, with particular attention to three areas in which identity is created: nation, body, and history. *Offered occasionally*.
- **3280 Culture and Imperialism** (1). An exploration of the numerous and complex means by which European powers have created, consolidated, and maintained imperial cultures as a consequence of European colonization of Africa and India from the eighteenth century to the present. Through an examination of artifacts and practices, this course explores the persistence of imperial cultures within the European domestic context. *Offered in alternate years*.
- **3290** A History of Sexuality (1). A survey of historical developments from the eighteenth through the twentieth centuries, this course examines the codification and regulation of sexuality in European society. It seeks to explore the underlying politics of sexual knowledge: the structures of permission and prohibition within which sexual knowledge were articulated, as well as the key debates that raged on these matters. *Offered in alternate years*.
- **3310 Topics in African History** (1). An interdisciplinary examination of a particular topic, period, or region in African history. The topics, which include "The Shaping of South Africa," and "Listening to the African Past," will change from year to year. A student may take the course more than once if the topics are different. *Offered occasionally*.
- **3410 Topics in Middle Eastern History** (1). An interdisciplinary examination of a particular topic, period or region in Middle Eastern history. The topics, which include "The Twice-Promised Land" and "Islam in History," will change from year

to year. A student may take the course more than once if the topics are different. Offered in alternate years.

3510 Ancient History (1). A survey of the Mediterranean world from the Bronze Age to c.200 CE, with a topical stress on Classical Greece, and the Late Roman Republic, and the Early Roman Empire, and with a methodological stress on reading, analyzing, and interpreting ancient sources in translation. Offered in alternate years.

3520 The Middle Ages (1). A survey of the history of Western Europe from c.200 to C.1300, with a topical stress on the religious, political, economic, social, and cultural developments of the High Middle Ages, and with a methodological stress on reading, analyzing, and interpreting medieval sources in translation. Offered in alternate

3530 Renaissance and Reformation (1). A survey of Western Europe from c.1300 to c.1600, with a topical stress on the crises of the Late Middle Ages, the intellectual and artistic developments of the Italian Renaissance, and the religious and political developments of the Protestant Reformation, and with a methodological stress on reading, analyzing, and interpreting original sources in translation. Offered in alternate years.

3540 Early Modern Europe (1). A survey of the history of Western Europe from the 16th century to 1789, with a topical stress on the Scientific Revolution, Constitutionalism and Absolutism, the Enlightenment, and the coming of the French Revolution, and with a methodological stress on reading, analyzing, and interpreting original sources in translation. *Offered in alternate years*.

3750 Mythology and Southern History (1). An examination of the ways myths embody the values Southerners have most intensely cherished. The myths of class, gender, and race that emerged from the Old South and the New South will be discussed in an historical context. Offered in alternate years.

4750 Senior Seminar (1). An examination of how history is written and interpreted and of particular problems in history. May be taken by students who have two courses in history and is required of all history majors.

4760 Special Topics in History (1). This course addresses areas not covered in other courses. It may be repeated for credit with different topics. *Offered on demand*. 4800-4802 Directed Readings (1/2, 1/4 or 1).

Modern Languages

Associate Professors: Robert A. Quinn, Ph.D., Chair

Priscilla Fermon, Ph.D. Robert Joel Kahn, Ph.D.

Assistant Professors: Claudine Chadeyras, Ph.D.

Joan A. Cotter, Ph.D.

Requirements for Major: Students may complete a major in French or in Spanish with a minimum of nine courses in the same language. They are, however, encouraged to take eleven or more. To major in a modern language, students must successfully complete at least seven courses beyond the basic level. Of the courses for the major, at least two must be literature courses - preferably the two survey courses - taken at Millsaps. No more than four language courses studied abroad may count towards the major.

- **Requirements for Minor:** Students may elect a minor in French, German, or Spanish. Students are encouraged to take eight courses, but a minimum of six courses in the same language is required. To minor in a modern language, students must successfully complete at least four courses beyond the basic level. Of the courses for the minor, at least one must be a literature course. All courses beyond the intermediate level must be taken at Millsaps.
- Placement in Modern Languages: Since proficiency in a language can be both a culturally beneficial and financially rewarding skill, students are encouraged to take advantage of the opportunity to learn a language well. To help decide the level at which students should study a modern language, the department gives a standard placement test. All students who have previously studied a language and wish to study that same language at Millsaps must take this test. They may only take the test once. Students beginning a new language are not required to take this placement test.

To satisfy the language requirement for the Bachelor of Arts or Bachelor of Liberal Studies degree, students must demonstrate proficiency at the intermediate level (that is, score high enough on the placement test to show that their proficiency is equal to that of Millsaps students who have successfully completed our Intermediate course) or present transcripts verifying that they have completed the equivalent of Millsaps' Basic and Intermediate language courses in a specific language.

By taking this placement test and scoring high enough to demonstrate proficiency at the intermediate level, students can satisfy the language requirement (that is, they will not be required to take the Basic and Intermediate courses). No academic credit, however, is awarded via the test. Those demonstrating proficiency at the intermediate level are encouraged to continue their study of the language by taking advanced courses.

Students whose score places them at the beginning of the intermediate level must take and successfully complete the Intermediate course. Those whose score places them below the intermediate level will be required to take the Basic courses and the Intermediate course in order to satisfy the language requirement.

Students must take the prerequisites for each modern language course, or be placed into the course via the department's standard placement test; otherwise, credit will not be given for the more advanced course for which the prerequisite is listed.

Study Abroad: Before taking language courses abroad, students are encouraged to consult with the department chair. For further information about study abroad opportunities, see section on Special Programs.

French

- 1000 Basic French I (1). An introduction to the essentials of vocabulary, grammar, and sentence structure. Primary emphasis on understanding and speaking. Secondary emphasis on reading and writing. Intended for students with no prior study of French. A minimum of one hour per week in the language laboratory. Taught only in fall and summer.
- 1010 Basic French II (1). Continuation of Basic French. A minimum of one hour per week in the language laboratory. Prerequisite: French 1000. Taught only in spring and summer.
- **2000 Intermediate French** (1). Building on Basic French, this course focuses on the practical application of basic listening and speaking skills. Expands students' reading and writing skills. A minimum of one hour per week in language laboratory. Prerequisite: French 1010. Offered only in fall and summer.

2110 Contemporary French Culture (1). Providing the insights into customs, gestures, and daily culture needed or interacting effectively with speakers of French, this transition course concentrates on reading skills in a conversational classroom environment. Taught primarily in French. Prerequisite: French 2000 or its equivalent. Required for all further study in French.

2120 French for the Professions (1). Designed to improve students' knowledge of a chosen field (such as law, medicine, education, banking, sociology, etc.) and their ability to communicate, especially in writing. Taught in French. Prerequisite: French

2110. Offered on demand.

3200 Survey of French Literature up to the Revolution (1). A close study of the major works produced in France from the Middle Ages to the Revolution. Taught in French. Prerequisite: French 2110. Offered in alternate years.

3210 Survey of French Literature after the Revolution (1). A close study of the principal literary works produced in France from the time of the Revolution to the present. Taught in French. Prerequisite: French 2110. Offered in alternate years.

3220 French Civilization up to the Revolution (1). This course focuses on the legends, art, music, history, literary accomplishments and cultural aspirations of French-speaking people up to the Revolution. Taught in French. Prerequisite: French 2110. *Offered in alternate years.*

3230 French Civilization after the Revolution (1). This course focuses on the art, music, film, history, literary accomplishments, and cultural aspirations of French-speaking people from the time of the Revolution to the present. Taught in French.

Prerequisite: French 2110. Offered in alternate years.

4750 Special Studies in French (1). Advanced, in-depth study of specific aspects of French literature, language, or culture. Taught in French. This course may be repeated for credit with a different topic. Prerequisite: French 2110 and consent of the instructor.

4800-4803 Directed Study in French (1/4 - 1). For advanced students who wish to do reading and research in special areas under the guidance of an instructor. Prerequisite: Consent of the department chair.

German

- 1000 Basic German I (1). An introduction to the essentials of vocabulary, grammar, and sentence structure. Primary emphasis on understanding and speaking. Secondary emphasis on reading and writing. Intended for students with no prior study of German. A minimum of one hour per week in the language laboratory. Taught only in fall and summer.
- 1010 Basic German II (1). Continuation of Basic German. A minimum of one hour per week in the language laboratory. Prerequisite: German 1000. Taught only in spring or summer
- **2000 Intermediate German (1).** Building on Basic German, this course focuses on the practical application of basic listening and speaking skills. Expands students' reading and writing skills. A minimum of one hour per week in language laboratory. Prerequisite: German 1010. Offered only in fall or summer.
- 2110 Contemporary German Culture (1). Providing the insights into customs, gestures, and daily culture needed for interacting effectively with speakers of German, this transition course concentrates on reading skills in a conversational classroom environment. Taught primarily in German. Prerequisite: German 2000. Required for all further study in German.
- **2120 German for the Professions (1).** Designed to improve students' knowledge of a chosen field (such as law, medicine, education, banking, sociology, etc.) and their

- ability to communicate, especially in writing. Taught in German. Prerequisite: German 2110. Offered on demand.
- **3200** Survey of German Literature through the Enlightenment (1). A close study of the major works produced in German from the Middle Ages to the Enlightenment. Taught in German. Prerequisite: German 2110. *Offered on demand*.
- **3210** Survey of German Literature from the Time of Goethe (1). A close study of the principal literary works produced in German from the Goethezeit to the present. Taught in German. Prerequisite: German 2110. Offered in alternate years.
- **3220 German Civilization** (1). This course focuses on the art, music, film, legends, history, literary accomplishments, and cultural aspirations of German-speaking people. Taught in German. Prerequisite: German 2110.
- **4750** Special Studies in German (1). Advanced, in-depth study of specific aspects of German literature, language, or culture. Taught in German. This course may be repeated for credit with a different topic. Prerequisite: German 2110 and consent of the instructor.
- **4800-4803 Directed Study in German (1/4 1).** For advanced students who wish to do reading and research in special areas under the guidance of an instructor. Prerequisite: Consent of the department chair.

Spanish

- 1000 Basic Spanish I (1). An introduction to the essentials of vocabulary, grammar, and sentence structure. Primary emphasis on understanding and speaking. Secondary emphasis on reading and writing. Intended for students with no prior study of Spanish. A minimum of one hour per week in the language laboratory. Taught only in fall and summer.
- 1010 Basic Spanish II (1). Continuation of Basic Spanish. A minimum of one hour per week in the language laboratory. Prerequisite: Spanish 1000. Taught only in the spring and summer.
- 2000 Intermediate Spanish (1). Building on Basic Spanish, this course focuses on the practical application of listening and speaking skills. Expands students' reading and writing skills. A minimum of one hour per week in language laboratory. Prerequisite: Spanish 1010 or its equivalent. Offered only in fall and summer.
- **2110** Contemporary Hispanic Culture (1). Providing the insights into customs, gestures, and daily culture needed for interacting effectively with speakers of Spanish, this transition course concentrates on reading skills in a conversational classroom environment. Taught primarily in Spanish. Prerequisite: Spanish 2000 or its equivalent. Required for all further study in Spanish.
- **2120** Spanish for the Professions (1). Designed to improve students' knowledge of a chosen field (such as law, medicine, education, banking, sociology, etc.) and their ability to communicate, especially in writing. Taught in Spanish. Prerequisite: Spanish 2110. *Offered on demand*.
- **3200 Survey of Peninsular Literature** (1). A close study of the major works produced in Spain from the Middle Ages to the present. Taught in Spanish. Prerequisite: Spanish 2110. *Offered in alternate years*.
- **3210** Survey of Spanish-American Literature (1). A close study of the principal literary works produced in Latin America from the time of its discovery to the present. Taught in Spanish. Prerequisite: Spanish 2110. *Offered in alternate years*.
- **3220 Hispanic Civilization** (1). This course focuses on the art, music, film, legends, history, literary accomplishments, and cultural aspirations of Spanish-speaking people. Taught in Spanish. Prerequisite: Spanish 2110.
- **4750 Special Studies in Spanish (1).** Advanced, in-depth study of specific aspects of Hispanic literature, language, or culture. Taught in Spanish. This course may be

repeated for credit with a different topic. Prerequisite: Spanish 2110 and consent of the instructor.

4800-4803 Directed Study in Spanish (1/4-1). For advanced students who wish to do reading and research in special areas under the guidance of an instructor. Prerequisite: consent of the department chair.

Music

Professor:

Jonathan M. Sweat, A.Mus.D.

Timothy C. Coker, Ph.D., Chair

Assistant Professors:

Christopher S. Brunt, M.M. Cheryl W. Coker, M.M.

Cheryf W. Coker, M.N Harrylyn Sallis, Ph.D. Nash Noble, D.M.A.

Instructor:

Requirements for Major: Students may complete a major in music with a Bachelor of Arts, Bachelor of Science, or Bachelor of Liberal Studies degree. While Foundations of Music is a prerequisite for all theory courses, students with a good theory background may test out of this class. All music majors must complete a basic eight-course music study that includes Masterworks of Music, Music History and Literature I, II, III, & IV, Concepts and Design in Music I & II, Common Practice Part-Writing Skills, Conducting I, Form and Analysis, and Music 1511, 1521, 2511, 2521 in Applied Music (these applied music requirements are for those who are not performance or church music concentrators). Participation in Singers each semester is required. All music majors must pass a keyboard proficiency.

Requirements for Performance Concentration: Students may elect a performance concentration in piano, voice, and organ, or guitar and the orchestral instruments (the latter with special permission). Students may complete a performance concentration in music in tandem with a music major or any other major the College offers. The five-course study includes Music 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 in Applied Music, one course in the Applied Area Literature (e.g. Piano Literature or Vocal Literature for piano and voice concentrations), and one shared "half" recital and one solo recital (the solo recital must come while enrolled in Music 4522).

Requirements for Church Music Concentration: Students may elect a concentration in church music in tandem with a music major or any other major the College offers. The five and one-half course study includes Choral Conducting I & II, Church Music Literature/Hymnology, a full course elective in religion, Music 1511, 1521, 2511, 2521, 3511, 3521, 4511, 4521 in Applied Music, and Internship for Church Musicians. Church music concentrators must present one solo" full" recital (the recital must come while enrolled in Music 4521). Participation in Singers each semester is required.

Requirements for Minor: A student may elect a music minor in piano, voice, and organ, or guitar and the orchestral instruments (the latter with special permission). The course requirements are Foundations of Music, Concept and Design I, Masterworks of Music, and four one-quarter applied music electives (two of which must be in one performance area). Participation in Singers for at least four semesters is required.

Teacher Certification

Candidates for BA or BS degrees can earn teacher certification by completing the following additional courses: Choral Conducting I & II, Music Methods for Today's Schools, and the necessary courses in education, including Student Teaching.

General Requirements

All students studying applied music must attend weekly repertoire classes, attend all required recitals presented by the Department of Music, and take an examination before the faculty at the end of each semester.

All keyboard concentrators are required each semester to accompany either a singer, an instrumentalist, or one of the vocal ensembles.

Keyboard Proficiency

All music majors must demonstrate keyboard proficiency. Students must enroll in piano or organ until the proficiency is met. To pass the proficiency students are required to play all major, harmonic and melodic minor scales, major and minor arpeggios at least two octaves, read a simple hymn at sight, play three vocalises which utilize I, IV and V chords in all major keys, and perform one memorized composition for piano at the difficulty level of a Bach Two-Part Invention with good fingering, phrasing, and dynamics.

Piano Concentration Requirements

To enter the concentration program in piano, students should have an adequate musical and technical background and should be able to play all major and minor scales. They should have had some learning experience in all periods of the standard student repertoire, such as the Bach Two-Part Inventions, the Haydn and Mozart Sonatas, the Mendelssohn Songs Without Words and the Bartok Mikrokosmos.

Organ Concentration Requirements

To enter the concentration program in organ, the student should have completed sufficient piano study to play the Bach Two-Part Inventions, Haydn and Mozart Sonatas, and compositions by Chopin, Schumann or Mendelssohn. The student should be able to play all major and minor scales and arpeggios.

Voice Concentration Requirements

To enter the concentration program in voice, the student should possess above average vocal talent and evidence ability to sing with correct pitch, phrasing, and musical intelligence, should know the rudiments of music, and should be able to sing a simple song at sight. A student should have experience in singing works from the standard repertoire.

Upper Divisional

Performance concentrators are required to pass a special performance jury before being admitted to upper divisional status. This upper divisional exam, taken at the end of the fourth semester of applied study, consists of a twenty minute program.

- 1000 Foundations of Music (1). Explores music notation, scales, intervals, chords, rhythm, and introductory concepts about form in music. Since elementary understanding of the keyboard facilitates music learning, some practical keyboard drill is included.
- 1010 Concepts and Design in Music I (1). Explores the basic underlying principles and concepts related to musical abstraction. Students discover and apply thought

processes utilized by composers. Independent creative activities which have expressive intent form the core of student work. Aural concepts are emphasized.

1020 Concepts and Design in Music II (1). Emphasizes music conventions and constructs which shape and define music style. Modal, tonal, and serial approaches to composition are studied. Student compositions and performances provide focus for the study. Aural concepts are emphasized.

1100 Masterworks of Music (1). Introduces the accepted canon of musical masterpieces in different genres and the compositional devices composers have used to

make unified artistic expressions.

1501 Singers (1/4). Performs important choral works from all major style periods, often with orchestra. *A cappella* and accompanied presentations are balanced.

1501 Ensembles (1/4). Gives students opportunities to perform significant works for small ensembles. Vocal and instrumental are offered according to student needs. To receive academic credit for these ensembles students must enroll for both fall and spring semesters. Students enroll for audit credit during the fall. In the spring, enroll for regular 1/4 academic credit.

2020 Common Practice Part-Writing Skills (1). Examines part-writing procedures for chorale and related styles of the eighteenth and nineteenth centuries with emphasis on theoretical analysis. Student repetition of style characteristics provides

focus for the class. Aural concepts are emphasized.

2110 Symphonic Literature (1). Studies significant symphonic works and their formal design which were written at the end of the eighteenth century through today. *Offered in alternate years*.

2130 Women and Music (1). Explores contributions of women to the art of music with special emphasis on women composers and performers beginning with Hildegaard von Bingen in the Middle Ages and concluding with contemporary composers and performers.

3002 Form and Analysis (1/2). Investigates the presentation, development, and relatedness of musical ideas through harmonic and structural analysis of music forms. Student written analyses and class presentations are an integral part of the study.

3012 Counterpoint (1/2). Probes eighteenth-century polyphony. Strict species counterpoint and period contrapuntal forms such as invention and fugue are studied. Drill and practice culminate in student contrapuntal compositions. *Offered in alternate years*.

3022 Opera History (1). Explores the history of operatic form and literature from 1600 to the present day with an emphasis on placing the art form in the context of social

history. Offered occasionally.

3102-3112 Music History and Literature I & II (1). Seeks to place music developments within the larger context of human history. The first half of the semester looks at music evolution from monophonic music of the ancient period through polyphony of the Renaissance, while the second half examines innovations and stylistic traits prevalent in the Baroque era.

3122-3132 Music History and Literature III & IV (1). Examines music and its place in Western culture from the middle of the eighteenth century through the end of the twentieth century. The first half focuses on Classical period forms and their evolution during the Romantic period, while the second half explores eclectic forms

and styles of major twentieth century composers.

3502 Choral Conducting I (1/2). Provides theoretical and practical background for leading a choral ensemble. The class functions as a laboratory for developing conducting techniques. Offered in alternate years.

- 3512 Choral Conducting II (1/2). Provides additional support for developing conducting/analytical skills while utilizing significant choral literature. The class functions as a laboratory. Offered in alternate years.
- 4002 Orchestration and Computer Applications (1/2). Identifies idiomatic characteristics of instruments utilized in composition and explores application of compositional techniques available on the computer. Student transcriptions and original compositions will be used in the class. Offered occasionally.
- 4102 Literature for the Piano (1/2). Surveys standard piano repertoire with emphasis on discovery of stylistic characteristics of major keyboard composers. Student research forms an integral part of the study.
- **4110 Church Music Literature/Hymnology** (1). Explores significant large and small forms of sacred music during the first half of the course. The second half examines hymnody with emphasis on English and American development of the form. *Offered occasionally*.
- **4130** Literature for the Voice (1). Surveys solo song form of the Renaissance through the Twentieth Century as well as literature from oratorio and opera. The course emphasizes recital/concert program building from a historical perspective. Class performance is expected. *Offered in alternate years*.
- **4200** Music Methods for Today's Schools (1). Explores strategies for teaching grades K 12. Elementary topics include Suzuki, Dalcroze, Kodaly, and Orff techniques, while secondary topics emphasize choral methods. *Offered in alternate years*.
- **4202** Piano Pedagogy I (1/2). Emphasizes techniques and materials used in teaching piano to children and older students in both private and class instruction. Papers on topics relating to piano teaching are expected. *Offered occasionally*.
- **4220** Vocal Pedagogy (1). Explores the physical musculature and mechanics of singing, the use of technical exercises, and the psychology of vocal teaching. Investigation of basic repertoire for the beginning teacher forms an integral part of the course. *Offered in alternate years*.
- **4500 Conducting from the Organ Console and Service Playing** (1). Emphasizes choral conducting techniques and literature for the church organist during the first half of the semester. The second half focuses on organ style for accompanying hymns and anthems. *Offered occasionally*.
- **4852 Internship for Church Musicians** (1/2). Provides the prospective church musician practical experience under the guidance of a practicing, full time church musician. Five to eight hours each week are spent in the church setting.
- **4862 Piano Pedagogy II** (1/2). Continues work begun in Piano Pedagogy I. Actual teaching in an internship context is required. *Offered occasionally*.
- **4900 Seminar in Music Literature** (1). Provides a framework for placing major music genres such as opera, concerto, chamber music, symphony, and art song into historical perspective. Student research and presentation are expected.

Applied Music Requirements

- Voice 1511, 1521, 2511, 2521, 3511, 3521, 4511, 4521; 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/4 1/2). Private studio lessons for non-music and music majors. Employs basic vocal repertoire appropriate for individual vocal growth. Historical style development as well as breath support, posture, phonation, enunciation, articulation, and related singing skills are emphasized. Weekly repertoire class is required.
- Piano 1511, 1521, 2511, 2521, 3511, 3521, 4511, 4521; 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/4 1/2). Private studio lessons for non-music and music majors. Introduces appropriate literature from the major style periods and technical drill to enable student growth in performance skills. Stylistic analysis is emphasized. Weekly repertoire class is required.

Organ 1511, 1521, 2511, 2521, 3511, 3521, 4511, 4521; 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/4 - 1/2). Private studio lessons for non-music and music majors. Provides keyboard and pedal technique needed to perform major organ literature. Sufficient piano background is necessary. Weekly repertoire class is required.

Instrumental Study 1511, 1521, 2511, 2521, 3511, 3521, 4511, 4521; 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/4 - 1/2). Private studio lessons for non-music and music majors. Provides fundamental technique for performance on orchestral

instruments. Literature appropriate for each student is utilized.

Voice 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/2). Private studio lessons for voice concentrators. Covers a larger body of literature than elective voice. Intensive development of technique is approached through works of Vaccai, Shakespeare, Marchesi, Vennard, McCloskey, Miller, and others. Weekly repertoire class is required.

Piano 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/2). Private studio lessons for piano concentrators. Explores piano literature in depth and aims toward rapid progress in technical proficiency. A major goal is to enable student to achieve

successful performance. Weekly repertoire class is required.

Organ 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/2). Private studio lessons for organ concentrators. Emphasizes literature and technique needed for church

organists, performers, or teachers. Weekly repertoire class is required.

Instrumental Study 1512, 1522, 2512, 2522, 3512, 3522, 4512, 4522 (1/2). Private studio lessons for instrument concentrators. Provides technique for performance on orchestral instruments at the level appropriate for a music minor. Literature to enhance student technique and musical development is employed.

Philosophy

Professors: Michael H. Mitias, Ph.D.

Steven G. Smith, Ph.D.

Associate Professor: Theodore G. Ammon, Ph.D., Chair

Assistant Professor: Kristen M. Brown, Ph.D.

Requirements for Major: Students may complete a major in philosophy with eight courses, including Logic, both semesters of History of Philosophy, and Senior Seminar. One core topics course taught by an instructor from the Philosophy Department may be used to meet the requirements of the philosophy major.

Requirements for Minor: Students may elect a minor in philosophy with any four courses from the Philosophy Department.

Philosophy-Religious Studies Major

Requirements for Major: Students may complete a major in Philosophy-Religious Studies with five courses in philosophy and five in religious studies. The philosophy courses must include Philosophy 3010, 3020, 3310, and one other upper-level course; the religious studies courses must include a tradition-descriptive course (2110, 2120, 2210, 2220, or 3110), a normative reflection course (2010 or 3120), and the Religious Studies Seminar (3900 or 4900). At least one course taken must involve comparison of diverse religious traditions. Students pursuing this major will be given a specially adapted comprehensive examination by a committee of faculty from the two departments.

- 1210 Logic (1). This course will focus upon propositional logic and quantification, and to a lesser extent upon syllogistic logic. Attention will be given to scientific method and induction, and to informal analysis of arguments in language. Offered occasionally.
- **2000** Ways of Knowing (1). An introduction to the theories of knowledge from a variety of philosophical traditions, including feminism, pragmatism, mysticism, empiricism and rationalism. A central concern of the course will be the relationship between science and philosophy in the acquisition of knowledge.
- **2010 Social and Political Philosophy** (1). An inquiry into the basic principles of social and political organization, with special emphasis on the concepts of government, justice, punishment, family, property, work and peace.
- **2020 Ethics (1).** A reasoned exploration of the nature of the best life for individuals and societies.
- 2750 Special Topics (1).
- **3010-3020 History of Philosophy 1 & II (1-2).** The first semester is a survey of western philosophy through the Medieval Period, and the second semester from the Renaissance through the nineteenth century.
- **3030 20th Century Philosophy** (1). A survey of western philosophy from 1900 to the present. *Offered in alternate years*.
- **3150 Existentialism (1).** A study of the basic works of thinkers such as Kierkegaard, Nietzsche, Heidegger, Sartre, Marcel and Jaspers. *Offered in alternate years*.
- **3210** Aesthetics (1). A study of the following question: What is the nature of art, aesthetic experience and aesthetic judgment? Offered in alternate years.
- **3310 Philosophy of Religion** (1). Investigation of issues arising from religious experience and beliefs, including the nature of the divine, evil and human destiny. *Offered in alternate years*.
- **3610** Metaphysics (1). This course will consider traditional philosophical questions about "Being" such as, but not limited to: What is reality? Do I have free will? Is there a God? What kind of thing am I? The course may either survey briefly the history of metaphysics or cover one or two philosophers in detail. Offered in alternate years.
- 3750 Special Topics (1).
- 4800 Directed Readings (1).
- **4900 Senior Seminar** (1). Intensive reading in selected issues, schools, and thinkers for senior majors.

Religious Studies

Professors: Robert H. King, Ph.D.

Thomas Wiley Lewis, III, Ph.D.

Steven G. Smith, Ph.D.

Associate Professor: Mark Ledbetter, Ph.D., Chair

Assistant Professor: Laura Grillo, Ph.D.

Requirements for Major: Students may complete a major in religious studies with eight courses, including Religious Studies Seminar taken in the senior year. (Majors are expected to enroll in this seminar each time it is offered.) One core topics course taught by an instructor from the Religious Studies Department may be used to meet the requirements of the religious studies major.

Requirements for Minor: Students may elect a minor in philosophy with any four courses from the Philosophy Department.

Philosophy-Religious Studies Major

Requirements for Major: Students may complete a major in Philosophy-Religious Studies with five courses in philosophy and five in religious studies. The philosophy courses must include Philosophy 3010, 3020, 3310, and one other upper-level course; the religious studies courses must include a tradition-descriptive course (2110, 2120, 2220, or 3110), a normative reflection course (2010 or 3120), and the Religious Studies Seminar (3900 or 4900). At least one course taken must involve comparison of diverse religious traditions. Students pursuing this major will be given a specially adapted comprehensive examination by a committee of faculty from the two departments.

Concentration in Christian Education

An interdisciplinary area of concentration in Christian Education is available to students with a major or minor in religious studies. For specific requirements, see Interdisciplinary Studies.

- **2000 Introduction to Religious Studies (1).** A wide-ranging exploration of the phenomenon of religion and of the different kinds of questions that can be asked about it.
- **2010 Ethics and Religion** (1). A study of moral reasoning about personal and social issues in various religious, philosophical, and cultural contexts. *Offered in alternate years*.
- **2110 World Religions I (1).** A study of the history, literature, and thought of Judaism, Christianity and Islam with attention to their relations with each other and with other traditions at different historic moments. *Offered in alternate years*.
- 2120 World Religions II (1). A study of the history, literature and thought of the religions of India and East Asia. Offered in alternate years.
- **2210 Hebrew Scriptures (Old Testament) (1).** An introduction to the history, literature and thought of ancient Israel. *Offered in alternate years*.
- 2220 New Testament and Early Christianity (1). An introduction to the background and beginnings, the earliest development and thought of Christianity. Offered in alternate years.
- **2602 Contemporary Religious Issues** (1/2). Discussion based on readings in current periodicals and books and on personal experiences. *Offered occasionally*.
- 3110 Christianity in the Western World (1). A study of the rise, consolidation, development and influence of Christianity in the West. Offered in alternate years.
- 3120 Modern Theology (1). An examination of major developments in theology from the Enlightenment to the present, with attention to such figures as Schleiermacher, Barth, Tillich, Rahner, the Niebuhrs, Ruether, and McFague, and to contemporary movements such as the liberation theologies and global theology. Offered in alternate years.
- 3150 Religion and Culture (1). A study of selected issues in the relationship between religion and the modern arts, sciences, and politics. *Offered in alternate years*.
- 3600 The Educational Ministry of the Church (1). An examination of the purpose and implementation of the church's educational ministry. Offered on demand.

3750 Special Topics (1).

3900-4900 Religious Studies Seminar (1). Intensive reading and discussion of selected texts and issues of contemporary interest in religious studies. (Topics will be

announced each time the course is offered; since topics change with each offering, the course may be retaken for credit.)

4850 Religion Internship (1/4, 1/2 or 1). An off-campus learning experience designed in consultation with a religious professional and a Religious Studies department faculty member.

Theatre

Professor: Associate Professor: Lance Goss, A.M., Chair Brent LeFavor, M.F.A.

Requirements for Major: Students may complete a major in Theatre with eleven courses, including Theatre Experience I and II, Production I and either Production II or Scenery and Lighting Design, Stage Make-up, Acting I and II, History and Literature of the Theatre I and II, Directing I and II, Performance (four semesters), and Senior Project.

Requirements for Minor: Students may elect a minor in Theatre with seven courses, including Theatre Experience I and II, Production I and either Production II or Scenery and Lighting Design, Acting I and II, and Performance (two semesters).

Speech

- 1000 Speech Fundamentals: Public Speaking (1). Each student delivers a minimum of five addresses which deal with progressively more difficult materials and situations. Emphasis on development of correct breathing, proper pronunciation, accurate enunciation, and an effective platform manner. Individual attention and criticism.
- **1010 Speech Fundamentals: Oral Reading (1).** Each student presents a minimum of five readings which deal with progressively more difficult material and situations. Emphasis on interpretation and platform technique.

Theatre

- **1000 The Theatre Experience I (1).** Focuses on the role of the audience and the actoraudience relationship; critics and criticism; the actors and the directors; theatrical genres, comedy and serious drama.
- **1010** The Theatre Experience II (1). Considers the playwright and dramatic structure; types of staging; scenery, costumes and lighting.
- 1401, 2401, 3401, 4401 Performance (1/4). Practical experience in acting or technical work in productions by the Millsaps Players. One-quarter credit per semester for a maximum of two full credits.
- 2102 Acting I (1/2). Basic principles of acting in plays of the modern theatre.
- 2112 Acting II (1/2). Basic principles of acting in plays of the pre-modern theatre.
- 2200-2210 Production I & II (1-1). Emphasis on basic stagecraft, lighting, properties and sound. Lab included.
- 2222-2232 Production Lab (1/2). To be taken concurrently with Production I and II. 2252 Stage Makeup (1/2).
- **3000 History and Literature of the Theatre I** (1). From the Greeks through Neo-Classic French.

3010 History and Literature of the Theatre II (1). From the English Restoration to contemporary.

3200 Scenery and Lighting Design (1/2). Concentrated work in lighting and scenery design. For the student primarily interested in technical theatre.

3020 Theatre in America (1). American theatre since 1900.

3212 Scenery and Lighting Design Lab (1/2). To be taken concurrently with Scenery and Lighting Design.

3302 Stage Management (1/2). The role of the stage manager in the modern theatrical production.

3312 Directing I (1/2). Students direct scenes from the modern repertory.

3322 Directing II (1/2). Students direct scenes from the classical repertory.

4102 Senior Project (1/2). The senior theatre student completes a major project in a field of special interest, such as directing, scenery, lighting or costuming.

4800-4803 Directed Study (1/4 to 1). Designed to cover areas of special interest not included in other courses. Open only to approved students.

Division of the Sciences

Edward L. Schrader, Associate Dean

Biology

Professor:

James P. McKeown, Ph.D.

Associate Professors:

Sarah L. Armstrong, Ph.D., Chair

Dick R. Highfill, Ph.D. Robert B. Nevins, M.S.

Assistant Professors:

Debora Mann, Ph.D. Sarah Lea McGuire, Ph.D.

Requirements for Major: All students pursuing a degree in biology must complete Introductory Cell Biology, Botany, Zoology, and Senior Seminar, in addition to specific requirements for degrees listed below.

Bachelor of Science: In addition to the above courses and the college requirements for the degree, a major in biology includes five upper level courses in biology, of which at least one must be chosen from each of the following areas:

Cellular and molecular processes:

Genetics

Immunology & Virology

Molecular Genetics

Bacteriology

Molecular Cell Biology

Structure and Function

Animal Physiology

Entomology

Invertebrate Zoology

Comparative Physiology

Histology

Comparative Morphology

Organisms and Environment:

Ecology

Aquatic Biology

Field Biology

Evolution and Systematics

- **Bachelor of Arts:** In addition to the college requirements for the degree, a major in biology requires one upper level course from each of the areas listed above, plus two approved electives in the natural sciences other than biology.
- **Requirements for Minor:** Students may elect a minor in biology with Introductory Cell Biology, *either* Botany *or* Zoology, and three additional biology courses..

General Information

All students majoring or minoring in biology must maintain a grade point average of at least 2.5 in their biology courses.

Students planning careers in the health professions should also take General Chemistry I and II, with labs; Organic Chemistry with lab; and General Physics I and II, with labs.

Students planning further study in molecular biology are encouraged to take Biochemistry I and II.

Students planning further study in ecology or environmental sciences are encouraged to take General Chemistry I and II, with labs; Elementary Statistics, and Physical Geology.

All courses numbered 2000 or higher require two previous college level biology courses or consent of instructor.

- **1000 Introductory Cell Biology** (1). An examination of cytological, physiological and biochemical features common to all cells: metabolism, genetics, growth, movement and reproduction. Laboratories will include basic instrumentation and concepts of quantification. Prerequisite for all other biology courses.
- **1010 Organismal Biology I: Botany (1).** Examines the structures, life processes, ecological interactions and evolutionary relationships among bacteria, protists, fungi and plants. Prerequisite: Biology 1000.
- **1020 Organismal Biology II: Zoology (1).** Comparative morphology and physiology of invertebrate and vertebrate animals. Prerequisite: Biology 1000.
- **2000 Genetics** (1). Historical/developmental treatment of theories of biological inheritance with emphasis on the process of scientific discovery. Includes Mendelian, cytogenetic, bacterial and molecular approaches to questions about the nature and function of the genetic material. Prerequisite: Biology 1000.
- **2100** Comparative Vertebrate Morphology (1). An integrated course in vertebrate anatomy and embryology. Reproduction, organ systems, and a comparative study of the gross anatomy of the vertebrate systems. Prerequisite: Biology 1020.
- **2200 Ecology (1).** In-depth study of relationships of organisms with other organisms and with their physical environment, including population, community and ecosystem dynamics. Prerequisites: Biology 1010 and 1020.
- 2210 General Entomology (1). Identification, life history, ecology and evolutionary histories of the class Hexapoda. Prerequisite: Biology 1020. Offered in alternate vears.
- **2220 Evolution and Systematics (1).** The history, philosophy and practice of taxonomy; evolution and population genetics; the nature of taxonomic evidence including biometric and molecular techniques; nomenclature. Variation among practices with plants, animals and prokaryotes. Prerequisite: Biology 1000 and Biology 1010.
- **3100 Histology (1).** Microscopic anatomy of the different vertebrate systems, with an emphasis on basic tissue types. Prerequisite: Biology 1020.
- **3120 Electron Microscopy** (1). Theory and techniques of the electron microscope. Tissue preparation, handling and imaging with the scanning and transmission electron microscopes. Permission of instructor is required

- **3200** Aquatic Biology (1). Physical and biological processes in aquatic ecosystems, both freshwater and marine. Emphasis is on natural ecosystems and the impact on them of the activities of humans. Prerequisite: Biology 1010.
- **3210 Field Biology (1).** Environmental study trips throughout North America. Emphasis on ecology and community composition. Five-week summer program with approximately three weeks away from campus. Prerequisites: Biology 1010, 1020. *Offered occasionally*.
- 3300 Molecular Cell Biology (1). An in-depth study of the molecular principles by which eukaryotic cells function, with emphasis on membrane structure/function, information transfer, and the cell cycle. The course is integrated with a survey of current molecular techniques for genetic engineering, DNA and protein analysis, and eukaryotic cell structure. Prerequisite: Biology 1000, 1010. Offered in alternate vears.
- **3320 Molecular Genetics (1).** A molecular-level study of the transfer of information from gene to functional protein and the control of gene expression. Modern techniques in DNA/RNA analysis, gene cloning and sequencing, forensic analysis, and the polymerase chain reaction will be used. Prerequisite: Biology 1000, 2000. *Offered in alternate years.*
- 3400 Comparative Animal Physiology (1). Compares the physiology of animal groups from protozoan through chordate. Vertebrate physiology is emphasized. The course focuses on the unifying principles which allow cells, tissues, organs, and organ systems to accomplish the fundamental attributes of life: movement, growth, reproduction, metabolism and irritability. Prerequisites: Biology 1000 and Biology 1020. This course may be repeated for credit with different topics.
- **3500 General Bacteriology (1).** Historical survey; bacterial structure, metabolism, genetics and taxonomy; role of bacteria in disease, industry, and ecology; common bacteriological techniques. Prerequisite: Biology 1010. Recommended: Organic Chemistry.
- **3510 Immunology and Virology (1).** The physiology, biochemistry and genetics of the immune response; viral structure, function and relationship to host. Prerequisite: Organic Chemistry; Biology 1010.
- **3600 Invertebrate Zoology (1).** An in-depth study of the invertebrate phyla. Emphasis on morphology, life history, physiology, ecology and evolutionary histories. Three discussion periods and one three-hour laboratory period per week. Prerequisite: Biology 1000 and 1020. *Offered in alternate years*.
- **3700-3703** Undergraduate Research (1/2 -1). Students who are interested in doing research approach an instructor who either has an ongoing research program or who has a number of research problems identified that the student can choose from.
- 3710-3712 Directed Study (1/2 1). Course is offered when a student needs a special discipline covered to meet some professional requirement or a student wants to work with an instructor in order to look more deeply into a particular aspect of a discipline.
- **3750-3752 Special Topics in Biology (1/2 1)**
- **3850-3852** Internship (1/2 1). Practical experience and training with selected research, educational, governmental and business institutions.
- **4902-4912 Senior Seminar** (1/2 1/2). Selected topics in the history and current literature of science, particularly biology, emphasizing the development of an integrated world view from the standpoint of modern science.

Chemistry

Professors: Roy Alfred Berry, Jr., Ph.D., Chair

Allen David Bishop, Jr., Ph.D. Charles Eugene Cain, Ph.D. George Harold Ezell, Ph.D. Jimmie M. Purser, Ph.D.

Associate Professor: Timothy J. Ward, Ph.D.

Assistant Professor: Johnnie-Marie Whitfield, Ph.D.

Requirements for Major: All students pursuing a degree in chemistry must complete the following courses in chemistry equivalent to nine and one-half course units:

General Chemistry I & II and General Chemistry Laboratory I & II

Organic Chemistry I & II and Organic Chemistry IA & IIA Quantitative Analysis and Applications of Quantitative Analysis

Physical Chemistry I

Chemical Separations or Instrumental Analysis

Organic Spectral Analysis Literature of Chemistry Senior Chemistry Seminar

Also required from other departments:

Analytical Geometry and Calculus I

Physics I & II

A computer course

Two approved advanced electives in the natural sciences

For a biochemistry concentration, the two above advanced science electives must be Biochemistry I & II.

To receive the American Chemical Society certification of a degree, the student must have a 2.5 grade point average in chemistry and must also take:

Analytical Geometry and Calculus II

Physical Chemistry II

Chemical Separations

Advanced Inorganic Chemistry

Instrumental Analysis

A grade below "C" will not be accepted for any of the above courses required of a chemistry major.

Requirements for Minor: Students may elect a minor in chemistry with one course beyond Organic Chemistry II and Organic Chemistry II-A.

1213 General Inorganic Chemistry I (3/4). An introduction to the theory, practice and methods of Chemistry. Development of atomic theory, atomic and molecular structure, chemical bonding, periodicity of the elements, stoichiometry, states of matter and basic energy considerations. Corequisite: Chemistry 1211.

1211 General Inorganic Chemistry Laboratory I (1/4). A coordinated course (with General Chemistry I) emphasizing chemical techniques, skills, and methods for qualitative and quantitative analysis of laboratory data and their limitations.

Corequisite: Chemistry 1213.

1223 General Inorganic Chemistry II (3/4). An introduction to the states of matter, solution and descriptive chemistry, equilibrium, thermodynamics, kinetics, oxidation and reduction, and electrochemistry. Prerequisite: Chemistry 1213. Corequisite Chemistry 1221.

1221 General Inorganic Chemistry Laboratory II (1/4). A coordinated course (with General Chemistry II) to develop chemical techniques and includes introductory

qualitative and quantitative analysis. Corequisite Chemistry 1223.

2110 Organic Chemistry I (1). First in a two-semester program in the application of chemical principles to organic compounds and the elucidation of their chemical and physical properties. Development of theoretical principles including structure determination, reaction mechanisms, kinetics, bond stability, experiment design, stereochemistry, and strategies of organic synthesis. Prerequisite: Chemistry 1223. Corequisite: Chemistry 2111.

2111 Organic Chemistry IA (1/4). A coordinated one-quarter course (with Organic Chemistry I) emphasizing organic synthesis, separation techniques, spectral analysis, and testing of mechanism theory and relative rates. Corequisite: Chemistry 2110.

2120 Organic Chemistry II (1). Second part of a two-semester program, a study of the more common oxygen, nitrogen, sulfur, and halogen derivatives of carbon. Emphasis is on their structure, stereochemistry, preparation, chemical reactions, and physical properties and their relation to the properties of bio-molecules. Prerequisite: Chemistry 2110. Corequisite: Chemistry 2121.

2121 Organic Chemistry IIA (1/4). A coordinated one-quarter course (with Organic Chemistry II) emphasizing more advanced syntheses and use of instruments for separation techniques and spectral analysis. Corequisite: Chemistry 2120.

2310 Quantitative Analysis (1). This course will cover the use of basic statistical methods to treat sample data. Theories and concepts studied include solution equilibria, acid-base theory, oxidation-reduction, complexation and solubility equilibria. An introduction to potentiometric and spectroscopic techniques. Prerequisite: Chemistry 1223. Corequisite: Chemistry 2312.

2312 Applications of Quantitative Analysis (1/2). Gravimetric, titrimetric and volumetric methods along with statistical methods to evaluate data are presented in the laboratory. Various unknowns are determined utilizing the basic techniques described above. The laboratory will also introduce potentiometry and UV-Visible

spectroscopy. Corequisite: Chemistry 2310.

2320 Principles of Chemical Separations (1). Techniques covered include crystallization, distillation, gas and liquid chromatography, counter current chromatography, micellar chromatography, electrophoretic techniques, and field flow fractionation. This course will also examine general transport theory, formation and properties of Gaussian zones, diffusion, zone broadening, concepts of plate height, resolution, and peak capacity. A laboratory section is included in the course. Prerequisite: Chemistry 2310.

3110 Advanced Organic Chemistry (1). An in-depth study of major organic mechanisms, along with selected topics such as symphoria, heterocyclics, polymers and molecular orbital modeling. Stereo-chemical and mechanistic applications are discussed including their application to bio-molecules. Prerequisite: Chemistry

2120. Offered in alternate years.

3122 Organic Spectral Analysis (1). Theory and practice of instrumental analysis of organic compounds. Emphasis is on interpretation of data from modern instrumentation. Capabilities and limitations of spectral analyses are considered. Prerequisite: Chemistry 2120.

3210 Advanced Inorganic Chemistry (1). A course designed primarily for students who are pursuing the American Chemical Society accredited degree in chemistry. This course is an overview of the principles of advanced inorganic chemistry including, applications of group theory and symmetry, molecular bonding theories, nomenclature, kinetics and mechanisms, organometallics, polymers, and advanced inorganic laboratory techniques. The course has a lecture and laboratory component. Prerequisite: Chemistry 2310, Mathematics 2230. Prerequisite or corequisite: Chemistry 3410.

- **3320 Instrumental Analysis (1).** An introduction to the basic design and theory of operation for modern instrumentation. Topics to be covered include flame spectroscopy, UV-vis spectroscopy, fluorescence and phosphorescence, IR, NMR, potentiometry, mass spectrometry, and an introduction to electroanalytical techniques. This course will emphasize the practical applications and limitations of each technique. Included in the course is a laboratory period. Prerequisite: Chemistry 3410 or consent of instructor. *Offered in alternate years*.
- **3410 Physical Chemistry I (1).** Physical thermodynamics, equilibrium, properties of solutions of nonelectrolytes, phase rule, and states of matter. The integrated laboratory includes experiments in the above areas. Prerequisite: Mathematics 1220. Prerequisite or corequisite: Chemistry 2310.
- **3420** Physical Chemistry II (1). Kinetics, nuclear chemistry, quantum chemistry, molecular bonding and structure, and surface chemistry. An integrated laboratory is included in the course. Prerequisite: Chemistry 2310, Mathematics 2230.
- **3730 Geochemistry** (1). An introduction to the application of chemical principles to geologic systems: carbonate equilibria, clay colloidal chemistry, Eh-pH diagrams, chemical weathering, organic materials in sediments and phase diagrams. Prerequisite: Chemistry 3410 or consent of instructor. *Offered in alternate years*.
- **3610 Biochemistry I (1).** An introduction to the structure, dynamics and function of macromolecules: proteins, nucleic acids, and complex lipids. Topics include enzyme kinetics, mechanisms of enzyme action, biological membranes, and protein biosynthesis. Prerequisites: Chemistry 2120, Biology 1000.
- **3620 Biochemistry II** (1). An introduction to the basic concepts and design of metabolism. Topics include the generation and storage of metabolic energy, control of gene expression, and the application of biochemical principles to physiological processes. Prerequisites: Chemistry 2120, Biology 1000.
- 3700-3703 Undergraduate Research (1/2-1). Library and laboratory research in special areas under the guidance of the instructor. Prerequisite: Consent of the instructor.
- **3750-3753 Special Topics in Chemistry** (1). Special areas of study not regularly offered, for an organized class of interested students. Prerequisite: Consent of the instructor.
- **3800-3803 Independent Study** (1). Following the basic courses this offering will permit a student to pursue an advanced topics under the direction of the appropriate chemistry staff member.
- **3850-3853 Internship** (1). Practical experience and training with selected research, educational, governmental, and business institutions. Credit/no credit grading only. Prerequisite: Consent of the instructor.
- **4912** Literature of Chemistry (1/2). Processing and managing information from the chemical literature with oral and written presentations. History of chemistry and the proper use of chemical literature are included. Prerequisites or corequisites: Chemistry 2120, 2320, 3410.
- **4922** Chemistry Seminar (1/2). Designed to connect and integrate basic chemical principles in conjunction with oral and written presentations of scientific works. Prerequisites or corequisites: Chemistry 2120, 2320, 3410.

Education

Professors: Jeanne Middleton Forsythe, Ed.D., Chair

Marlys T. Vaughn, Ph.D. Connie Schimmel Ph D

Assistant Professor: Connie Schimmel, Ph.D.

Requirements for Major: The Millsaps Department of Education offers elementary, middle school, and secondary certification as well as dual certification in special education.

The following courses are required for all certification candidates: Human Growth and Development, Computer Survival, Classroom Methods and Management, Assessment and Learning, Internship I, Education for the Exceptional Population, Educational Theory, Policy, and Practice and Student Teaching, which is the equivalent of four courses. In addition students must complete two approved electives. Elementary certification candidates must also complete Literacy and Reading Instruction. Dual certification in special education requires the addition of specific advanced internships.

Teacher Education Program

The Teacher Education Program is designed to help students become more deliberate in their thinking about the profession of teaching and the variety of opportunities the profession offers for challenge and service. The faculty in the Department of Education endeavor to be particularly attentive to the developmental needs of prospective teachers as they matriculate through the certification program. Carefully crafted and well supervised field experiences and internships are distinctive features of Millsaps College teacher education. The importance of the liberal arts in education, the need for reflection on teaching and professional practice, and the belief that the competent teacher education graduate is one who can think, act, and especially teach in a morally responsible manner are integrated throughout the Millsaps College Teacher Education Program. Teacher certification can be earned concurrently with any other major or degree during the four year undergraduate experience. For a specific course of study leading to teacher certification at the elementary or secondary level, please contact the Department of Education.

There are certain entrance standards which must be met prior to achieving full status in the Teacher Education Program. These entrance requirements include: completion of the core curriculum, a minimum grade point average of 2.5, and the appropriate score on both the Communication Skills and General Knowledge tests of the National Teacher Examination. A student must also complete all application procedures with the Chair of the Department of Education. The Teacher Education Comprehensive Examination requires all four components of the National Teacher Examination. (Students are requested to have copies of their NTE scores sent directly to the Mississippi State Department of Education.) To receive the College's recommendation for teacher certification, the student must maintain the 2.5 GPA, pass the Professional Knowledge and Specialty Area tests of the National Teacher Examination no later than the semester prior to graduation, and complete the Portfolio for Comprehensive Examination with the Department of Education as appropriate.

- 2100 Deaf Culture/American Sign Language (1). A study of the deaf community and beginning American Sign Language skills. The different sign methods, the linguistic structure of ASL, the experience of deaf people throughout history, and the impact and importance of ASL and deaf culture are addressed.
- 2300 Human Growth and Development: From Childhood to Young Adult (1). This course enables students to explore and apply the competing theories surrounding the physical, social, emotional, and cognitive aspects of human development. The course demands an immediate and personal perspective for college students as they construct an underlying framework for understanding human development.
- 3100 Literacy (1). A field-based study of developmentally appropriate practices in the acquisition of language, oral and written communication, and mathematics. Whole language instruction, the structure and properties of the number system (including the vocabulary and concepts of sets, algebra, and geometry), literature, and other components of literacy will be examined. A part of the Elementary Instructional Semester.
- **3110** Assessment and Learning (1). A study of the concepts and statistical methods used in the assessment of learning, including the construction and use of classroom tests, standardized tests of intelligence and achievement, and the use of statistics in the assessment of student learning and data analysis for informed decision making. Should be taken with Classroom Methods and Management.
- **3120 Reading Instruction** (1). A comprehensive study of the components of the reading process with emphasis on instructional methods appropriate to the cognitive and psychological needs of elementary and middle school students. A field-based component is incorporated in the course.
- **3130 Education for the Exceptional Population** (1). A study of the exceptional individual with special attention to the instructional needs of the child and adolescent. The course will examine the identification, diagnosis, and etiology of the exceptional.
- 3200 Classroom Methods and Management (K-8) (1). A field-based study of effective instructional and behavioral management techniques appropriate for preschool, elementary, and middle school students with special attention to student learning styles and teacher instructional styles. Mastery of the Mississippi Teacher Assessment Instrument (MTAI) is a component of the course. A part of the Elementary Instructional Semester.
- **3210 Classroom Methods and Management (7-12) (1).** A field-based study of effective instructional and behavioral management techniques appropriate for the secondary school level with special attention to student self-discipline, the relationship between school and society, and the mastery of the Mississippi Teacher Assessment Instrument (MTAI). A part of the Secondary Instructional Semester.
- **3850 Internship I (1).** Students have the opportunity to experiment with methods and theories of teaching and learning as they apply to a particular content area. The internship combines school-based or institutional-based experience with consultation and supervision from education faculty and subject area faculty.

3860 Internship II

3870 Internship III

3880 Internship IV

Advanced Internships II, III, and IV offer students the opportunity to further explore areas of interest within the field of Special Education. Interns experiment with methods, theories, and philosophies of teaching and learning as they apply to a particular content area. Interns continue field-based experiences with special emphasis on the chosen exceptionalities for dual certification. Disciplinary focus and field site placements are individualized.

4300 Educational Theory, Policy and Practice (1). The study of educational theory and the philosophies which underlie the development of curricula, instructional programs, and educational policy. Special attention will be given to the relationship between educational theory, policy development and modern educational practice.

4500 Student Teaching (4). Observation, participation, and student teaching all day for a minimum of thirteen weeks at an elementary, middle, or senior high school in the

Jackson tri-county area.

4750 Special Topics (1/4, 1/2, 1) In-depth study of specific aspects of education.

Geology

Associate Professors: Delbert E. Gann, Ph.D., Chair

Edward L. Schrader, Ph.D.

Assistant Professor: James B. Harris, Ph.D. Instructor: Stanley Galicki, M.S.

Requirements for Major: Students degree may complete a major in geology with a concentration in either classical geology or environmental geology. Typically, a degree in environmental geology will lead to a career in environmental policy and

planning, environmental law, or environmental project management.

A. Classical geology concentration: Physical Geology, History and Evolution of the Earth, Quantitative and Optical Mineralogy, Physical and Chemical Mineralogy, Petrology, Invertebrate Paleontology, Principles of Stratigraphy/Sedimentation, Structural Geology, Geophysics, Field Methods and Field Geology. Classical geology majors must also take Analytic Geometry and Calculus I, General Chemistry I and II, and General Physics I and II. Majors may substitute IDS 1700 The Physical Earth for Physical Geology.

B. Environmental geology concentration: Physical Geology, History and Evolution of the Earth, Physical and Chemical Mineralogy, Petrology, Principles of Stratigraphy/Sedimentation, Structural Geology, Geophysics, Geochemistry of Natural Waters and their Pollution, a directed study in Environmental Geology completed during the senior year, and Field Geology. Majors may substitute IDS 1700 The Physical Earth for Physical Geology.

Environmental majors must also complete General Chemistry I and II, Ecology, General Botany and either (a) Analytical Geometry and Calculus I for the Bachelor of Science degree or (b) Survey of Calculus and Elementary Statistics for the Bachelor of Arts or Bachelor of Liberal Studies degree.

Field Geology may be taken at Millsaps or another university; and Computer Survival is strongly recommended. At least one major field trip per year is required.

Requirements for Minor: Students may elect a minor in geology with a concentration in either classical geology or environmental geology as follows.

A. Classical geology: Four courses beyond Physical Geology or the Physical Earth and History and Evolution of the Earth, including Physical and Chemical Mineralogy and Principles of Stratigraphy/Sedimentation.

B. Environmental geology: Four courses beyond Physical Geology and History and Evolution of the Earth, including Physical and Chemical Mineralogy, Principles of Stratigraphy/Sedimentation, Geochemistry of Natural Waters and their Pollution, and a Directed Study in Environmental Geology.

Geology majors with a concentration in classical geology may earn a minor in environmental studies by completing Geochemistry of Natural Waters and their Pollution, a Directed Study in Environmental Geology, and two of the following courses: General Botany, Ecology, or Geochemistry.

- **1000 Physical Geology (1).** Study of the Earth, the rocks which comprise its surface, erosional and depositional processes, vulcanism, deformation, plate tectonics and economic deposits. One field trip. *Offered in alternate years*.
- 1020 History and Evolution of the Earth (1). Study of successive events leading to the present configuration of the continental masses, the evolution and development of life, accounting for the kinds and distribution of surface rocks and minerals and the interrelationships of plate tectonics. Prerequisite: Geology 1000 or IDS 1700 topics course.
- 2103 Quantitative and Optical Mineralogy (3/4). The crystallographic systems illustrated by mineral crystals, optical mineralogy, and X-ray diffraction. Introduction to mineral chemistry with respect to crystalline order. Prerequisite: Geology 1000.
- **2101 Laboratory** (1/4) must be taken concurrently with Quantitative and Optical Mineralogy. Theory and use of the petrographic microscope in the identification of minerals in grain mounts and thin sections.
- 2110 Physical and Chemical Mineralogy (1). Geochemistry, physical properties, genesis, and atomic structures of minerals. Laboratory emphasizes use of X-ray diffraction equipment, density balances, and scanning electron microscopes as well as extensive exposure to the physical identification of minerals in hand samples. Prerequisites: Geology 2103 or consent of instructor.
- **2200 Invertebrate Paleontology (1).** Classification and morphology of fossil invertebrates with reference to evolutionary history and environment. Field trips to collect representative fossils. Prerequisite: Geology 1000-1020 or consent of instructor.
- **2300 Petrology** (1). Introduction to the genesis, global distribution, associations, compositions, and classifications of rocks. Laboratory emphasis is on macroscopic and microscopic identification of igneous, sedimentary, and metamorphic rocks. Prerequisite: Geology 2110 or consent of instructor.
- **2310 Principles of Stratigraphy/Sedimentation (1).** Rock sequences, lithologic and paleontologic facies of various parts of the United States and basic sedimentological principles. Prerequisite: Geology 1000-1020.
- **3300 Principles of Ore Deposition (1).** The chief economic rocks and minerals of the United States and other countries, with consideration of their stratigraphy, genesis, value, and use. Prerequisite: Geology 1000-1020 and 2110.
- **3400 Petroleum Geology (1).** The applications of geology to the petroleum industry, theories on origin, problems in migration, oil traps, subsurface methods, and occurrences of oil and gas. Prerequisite: Geology 1000-1020. *Offered in alternate years*.
- **3410 Structural Geology (1).** Origin and classification of the structural features of the rocks comprising the earth's crust. Prerequisite: Geology 1000-1020.
- **3420 Geochemistry** (1). An introduction to the chemical principles of geological systems: carbonate equilibria, clay colloid chemistry, Eh-Ph diagrams, chemical weathering, organic materials in sediments, and phase diagrams. Prerequisite: Geology 1000-1020 and 1020 and Chemistry 2110-2120.

3751-3753 Special Problems (1/4, 1/2, 3/4, 1). Open to geology majors and some special non-geology majors who have interest in pursuing individual field or laboratory problems. Prerequisite: consent of instructor.

3800-3803 Directed Study in Geology (1/4, 1/2, 3/4, 1). Open to geology majors and some non-geology majors who desire pursuing a directed course of study in geology not currently available in the geology curriculum. Prerequisite: Geology 1020 or consent of instructor.

3820-3823 Directed Study in Environmental Geology (1/4, 1/2, 3/4, 1). Open to Environmental Geology majors and minors only, to pursue individual research and project management planning for specific environmental problems. Oral presentation of the final paper to a peer group is required.

4300-4306 Field Geology (1 - 1 1/2). Practical training in the standard methods of geologic field work. Prerequisite: to be determined by the university or universities operating the course, but should include Geology 1000, 1020, 2300, 2310, and 3410 as a minimum. Offered in summers only.

4311 Field Methods (1/4). A course designed to introduce field geology and familiarize students with plane table and alidade, Brunton compass and field mapping procedures. Prerequisite: Geology 1000-1020.

4400 Geochemistry and Pollution of Natural Waters (1). Introduction to the geochemical processes of natural waters, the effects of common forms of pollution on the natural system, and remediation technologies as studied in actual case histories. Prerequisite: Chemistry 1000, Geology 1000, or approval of instructor.

4410 Geophysics (1). Basic geophysical techniques of gravity, magnetics, seismic reflection, seismic refraction and seismology are studied and related to earth structure and tectonics. Prerequisite: Geology 1000.

Mathematics and Computer Studies

Jimmie M. Purser, Ph.D. **Professors:**

Robert A. Shive, Jr., Ph.D.

Associate Professor:

Mark Lynch, Ph.D.

Connie M. Campbell, Ph.D., Chair **Assistant Professors:**

Martha A. Goss, M.A. R.W. McCarley, M.S. Andrew V. Royappa, Ph.D. Darren D. Wick, Ph.D.

Gayla Dance, M.Ed.

Instructors:

Georgia S. Miller, M.S. Tracy Sullivan, M.S.

Requirements for Major in Mathematics: Students may complete a major in mathematics with ten courses which include Analytic Geometry and Calculus I-III, Introduction to Advanced Mathematics, Senior Seminar, and five courses numbered above 3000 to include Abstract Algebra and Advanced Calculus. A minimum grade of "C" is required in each of these courses. Majors are also required to take Computer Science I and one of General Physics, Quantitative Analysis, or Physical Chemistry. All requirements for the major not taken at Millsaps must be approved in advance by the department chair.

- Requirements for Minor in Mathematics: Students may elect a minor in mathematics by completing Analytic Geometry and Calculus III, Introduction to Advanced Mathematics, and at least two courses numbered above 3000. A minimum grade of "C" is required in each of these courses. In addition, Computer Science I is required.
- Requirements for Major in Computer Studies: Students may complete a major in computer studies with a concentration in either computer science or information systems. The computer science concentration is intended to prepare students for graduate studies or technical careers in computing, while the concentration in computer information systems prepares students for careers that deal with the applications of computing. All students pursuing the major must take Computer Science I, Computer Science II, Computer Organization and Machine Programming, Data Structures and Algorithms, and both semesters of Seminar. In addition, majors must take courses specific to their concentration as described below.
 - A. Computer science concentration: Programming Languages, Computer Architecture or Theory and Design of Operating Systems; Analytic Geometry and Calculus II; Discrete Structures, Numerical Analysis, or Linear Algebra; four additional courses selected from the following: (a) Systems Programming in C, (b) Any computer studies course numbered 3000 or higher (at least two), (c) Any mathematics course numbered 3000 or higher, (d) an approved course in digital electronics.
 - B. Computer information systems concentration: File Structures and Processing; Systems Analysis and Design; Analytic Geometry and Calculus I; an approved statistics course; four additional courses selected from the following (a) Computer Survival, Systems Programming in C, (b) any computer studies courses numbered 3000 or higher (at least two), (c) any mathematics course numbered 3000 or higher, (d) Principles of Accounting, Introduction to Management, Operations Management with Computing.

A minimum grade of "C" is required for any computer studies course required for the major. All requirements for the major not taken at Millsaps must be approved in advance by the department chair.

Requirements for Minor in Computer Studies: Students may elect a minor in computer studies with four computer studies courses, at least two of which must be at 2000 level or above. A minimum grade of "C" is required for any computer studies course required for the minor.

Once a student has completed Computer Science I or a more advanced computer studies course, credit is not allowed for Computer Survival.

Mathematics

1000 Contemporary Mathematics (1). A topics course in contemporary mathematics which combines the history of mathematics, its people and its concepts, with a variety of real-life applications. An emphasis is placed upon problem solving and the development of problem solving skills. Topics include algebraic models, logic and proofs, trigonometry, mathematics of finance, probability, and statistics.

1100 College Algebra (1). Topics include solving equations and inequalities, functions and their graphs, systems of equations and inequalities, and elementary analytic geometry. A preparatory course for Mathematics 1210. Prerequisite: high school geometry, second year high school algebra or departmental approval. Credit is not allowed for both Mathematics 1100 and Mathematics 1130.

1110 College Trigonometry (1). The basic analytic and geometric properties of the trigonometric functions are studied. A preparatory course for the calculus sequence.

Credit is not allowed for both Mathematics 1110 and Mathematics 1130. Prerequisite: Mathematics 1100 or departmental approval.

1130 Precalculus (1). The basic analytic and geometric properties of the algebraic and trigonometric functions with an emphasis on the latter. A preparatory course for the calculus sequence. Students who need a review of algebra techniques should take Mathematics 1100 and Mathematics 1110 instead of Mathematics 1130. Credit is not allowed for either Mathematics 1100, Mathematics 1110 and Mathematics 1130. Prerequisite: high school geometry, second year high school algebra or department approval.

1150 Elementary Statistics (1). Introduction to descriptive statistics, probability, binomial, normal, geometric and Poisson distributions, sampling, hypothesis testing, correlation and regression with applications to business, education, and other disciplines. No prior knowledge of statistics is assumed. Prerequisite: Mathematics

1100, Computer 1000, or department approval.

1210 Survey of Calculus (1). Limits, the derivative, applications of the derivative with focus on applications in business and the social sciences, antiderivatives and applications of the definite integral. *Credit is not allowed for both Mathematics* 1210 and Mathematics 1220. Prerequisite: Mathematics 1100, 1110, 1130 or departmental approval.

1220 Analytic Geometry and Calculus I (1). Limits, continuity of functions, the derivative, antiderivatives, integrals, the fundamental theorem and applications. Course includes a computer based laboratory. *Credit is not allowed for both Mathematics 1210 and Mathematics 1220*. Prerequisite: Mathematics 1100-1110

or 1130 or departmental approval.

2230 Analytic Geometry and Calculus II (1). Integration techniques, applications of the integral, the properties of exponential, logarithmic, trigonometric and inverse trigonometric functions, indeterminate forms, improper integrals, and infinite series. Prerequisite: Mathematics 1220 or departmental approval.

2240 Analytic Geometry and Calculus III (1). A continuation of Mathematics 2230. Partial derivatives, multiple integrals and their applications. Prerequisite: Math-

ematics 2230 or departmental approval.

2310 Introduction to Advanced Mathematics (1). Topics include logic and proofs, set theory, relations, functions, cardinality, and an axiomatic development of the real number system. Prerequisite: Mathematics 2230.

3410 College Geometry (1). A study of advanced topics in Euclidean geometry, and an introduction to non-Euclidean geometries. Selected topics from finite and projective

geometries. Prerequisite: Mathematics 1220. Offered on demand.

3540 Differential Equations (1). An introduction to ordinary differential equations, emphasizing equations of first and second order; linear differential equations of higher order and applications to geometry, physics, chemistry and medicine. Prerequisite: Mathematics 2230.

3560 Discrete Structures (1). Algebras and algorithms, lattices and Boolean algebras, graphs and digraphs, monoids and groups. Prerequisites: Computer 1010, Mathematics 2230 and 2310. (Same as Computer 3500.) *Offered in alternate years.*

3570 Numerical Analysis (1). Solutions of nonlinear equations and systems of linear equations; error analysis; numerical integration and differentiation; solution of differential equations; interpolation and approximation. Prerequisite: Mathematics 2310, 3650 and a programming language. *Offered in alternate years*.

3620 Elementary Number Theory (1). Prime numbers and their distribution; divisibility properties of the integers; Diophantine equations and their applications; theory of congruencies; Fermat's Theorem; Fibonacci numbers and continued fractions as well as the historical background in which the subject evolved. Prerequisite: Mathematics 2310. Offered in alternate years.

- **3650 Linear Algebra** (1). Systems of linear equations with emphasis on the Gauss-Jordan technique; determinants; geometric vectors with applications to analytic geometry and physics; real finite dimensional vector spaces with applications through linear transformations; eigenvectors; eigenvalues; orthogonal diagonalization and symmetric matrices. Prerequisite: Mathematics 2230.
- 3750-3752 Selected Topics in Advanced Mathematics (1/2 or 1). Topics chosen from areas such as applied mathematics, real analysis, field theory, combinatorics, and chaos theory. Prerequisite: Consent of department chair.
- **4510-4520 Mathematical Statistics** (1). Topics include sample spaces; discrete and continuous probability distributions; independence and conditional probability; properties of distributions of discrete and random variables; moment-generating functions; sampling distributions and parameter estimation. Prerequisite: Mathematics 2240 and 2310. *Offered in alternate years*.
- **4620 Abstract Algebra** (1). A rigorous treatment of groups, rings, ideals, isomorphisms, and homomorphisms, integral domains, and fields. Prerequisite: Mathematics 2310.
- **4630 Advanced Calculus (1).** A rigorous treatment of limits, continuity, differentiation, integration, and convergence in n-dimensional Euclidean spaces; introduction to complex analysis in the second course. Prerequisite: Mathematics 2310.
- 4660 Topology (1). Consideration of topological spaces, including metric spaces, product spaces, and quotient spaces; separation axioms; connectedness; compactness; and continuous functions. Prerequisite: Mathematics 2310. Offered on demand.
- **4800 Graph Theory** (1). A theoretical study of trees, connectivity, eulerian graphs, hamiltonian graphs, planarity, colorability, and extremal graph theory. *Offered in alternate years*.
- **4810** Complex Analysis (1). Topics include: complex numbers, sets, and functions; limits and continuity; analytic functions; cauchy theorems and integrals; taylor and laurent series; residues; and contour integration. *Offered in alternate years*.
- **4902-4912 Senior Seminar** (1/2). Reading and research in advanced mathematics; group and individual presentations both oral and written; preparation for comprehensive examination; opportunities to expand understanding of topics of interest to the individual student. Prerequisite: Senior standing or consent of the instructor.

Computer Studies

- 1000 Computer Survival (1). Introduction to the use of computer software and hardware including introduction to operating systems, editors, electronic mail, word processing, spreadsheets, relational databases, and statistical packages available on the campus network. This course emphasizes problem solving in the utilization of computer resources.
- **1010 Computer Science I (1).** A breadth-first introduction to computer science. Topics include algorithms and programming using Pascal, survey of common applications, history, and elementary computer organization.
- **1020** Computer Science II (1). A continuation of Computer Science I. Includes advanced programming topics, operating systems, microprogramming, and digital logic. Prerequisite: Computer 1010.
- **2100** Computer Organization and Machine Programming (1). An introduction to the architecture and operation of a computer system. Includes data representation, assembly language programming, addressing methods, subroutines, assemblers, and linkers. Prerequisite: Computer 1020.
- **2210 File Structures and Processing (1).** A study of the methods used for organizing data on peripheral devices. Topics include sequential and random access techniques,

searching, sorting, merging, indexed-sequential access and multiple key file organizations. The COBOL programming language is used. Prerequisite: Computer

1020. Offered occasionally.

2300 Data Structures and Algorithms (1). A study of the use and implementation of the various structures for storing data. Also includes computability theory, computational complexity theory, and parallel computation. Prerequisite: Computer 1020.

3100 Data Communications and Networks (1). Theoretical and practical factors in data communications including historical aspects, communications equipment, transmission media, protocols, error effects, topologies, architectures and network strategies. Laboratory experience in network development and management. Prerequisite: Computer 1020. Offered on demand.

3110 Computer Architecture (1). Comparative architectures, systems structure and evaluation, memory and process management, resource allocation, protection, and concurrent processes, current trends in system design and operations. Prerequisite:

Computer 2100. Offered in alternate years.

3210 Systems Analysis and Design (1). System development life cycle, CASE tools, decision tables, data collection and analysis, systems planning and design, computer system evaluation and selection, and implementation of systems are topics included in this course. Prerequisite: Computer 2300.

3220 Database Management (1). Design of on-line file systems, organization and maintenance of sequential, random access, and indexed sequential data based systems. Directories, hashing, inverted files and other database management tech-

niques. Prerequisite: Computer 2300. Offered on demand.

3300 Theory and Design of Operating Systems (1). Multiprogramming and multiprocessing systems, mapping and binding of address, storage management, process and resource control, analysis of file structures and file management. Prerequisites: Computer 2100 and 2300. Computer 2200 is strongly recommended. Offered in alternate years.

3310 Automata, Computability, and Compiler Theory (1). Automata, Turing machines, and theory of computation, techniques of compiler design, lexical analysis and parsing, classification of grammars, Prerequisites: Computer 2300.

Offered in alternate years.

3410 Computer Graphics (1). Design, construction, and utilization of interactive computer graphics. Device independent development of two and three dimensional transformations, clipping, windows, perspective, hidden lines, and animation. Graphics primitives and GKS. Laboratory applications using diverse graphics hardware and software. Prerequisite: Computer 1020 and Mathematics 1220. Offered in alternate years.

3420 Digital Image Processing (1). Hardware and software issues in image processing. Document storage and retrieval with particular emphasis on optical systems. COM/CAR, WORMS, compression techniques, OCR, scanners, networks, document processing software and laboratory applications of selected processes. Prerequisite:

Computer 1010. Offered in alternate years.

3430 Computer-Based Instructional Systems (1). Principles and methods of computer-based instructional systems. Case studies, team exercises, and the use and development of authoring tools. Laboratory work focuses on multimedia courseware development. The course is particularly appropriate for majors in education and in computer studies. Prerequisites: Computer 1000 and 1010 or consent of instructor.

3500 Discrete Structures (1). Algebras and algorithms, lattices and Boolean algebras, graphs and digraphs, monoids and groups. Prerequisites: Computer 1010 and Mathematics 2310 (Same as Math 3560). *Offered in alternate years*.

3750-3753 Selected Topics (1/4 - 1). 3800-3803 Directed Study (1/4 - 1).

4901-4911 Seminar (1/4 - 1/4). Discussion of current problems and trends in computing. Prerequisite: Consent of instructor.

Physics

Associate Professor: Asif Khandker, Ph.D., Chair Assistant Professor: Oscar Edwin Pruet, Ph.D.

Requirements for Major: Students may complete a major in physics with ten courses, including General Physics I-II, General Physics Laboratory I & II, Modern Physics, Electromagnetism, Electronics for Scientists, Classical Mechanics, Thermal Physics, Quantum Mechanics, Advanced Laboratory I-II, Similarities in Physics, and Senior Seminar. Prospective majors should take General Physics I-II and General Physics Laboratory I-II no later than the sophomore year.

Requirements for Minor: Students may elect a minor in physics with three courses beyond General Physics I-II, and General Physics Laboratory I-II. The courses must be approved by the department chair.

Mathematics Requirements

Students interested in maintaining the option of study in physics or related fields (e.g., pre-engineering) are urged to begin their mathematics course work at Millsaps as early as possible and at the highest level possible. It is strongly recommended that a minimum of Calculus I, II, III as well as Differential Equations be taken by all physics or pre-engineering majors.

- **1001 General Physics Laboratory I (1/4).** Experiments to accompany General Physics I dealing mainly with mechanics and wave motion. Corequisite: Physics 1003.
- 1003 General Physics I (3/4). A broad introduction to general physics for students who have taken an introductory calculus course. Main areas covered are mechanics and waves. Specific topics include vectors, kinematics, Newton's laws of motion, rotation, equilibrium, wave motion and sound. Prerequisite: Mathematics 1220 or consent of instructor.
- 1011 General Physics Laboratory II (1/4). Experiments to accompany General Physics II dealing mainly with electromagnetism and optics. Corequisite: Physics 1013.
- 1013 General Physics II (3/4). The continuation of General Physics I. General topics covered are electricity, magnetism and optics. Specific topics include electrostatics, current electricity, magnetostatics, time varying fields, geometrical and physical optics. Prerequisite: Physics 1003.
- **2000** Modern Physics (1). An introduction to the special theory of relativity and its consequences. Black body radiation and the particle aspects of electromagnetic radiation. Fundamentals of quantum physics, introduction to the Schrodinger equation and simple applications. Prerequisite: Physics 1010.
- **2010 Applications of Modern Physics (1).** Application of elementary quantum mechanical concepts to explain physical phenomena occurring in atoms, nuclei and solids. Topics include lasers, molecular structure, bonding in solids, band theory,

nuclear structure, radioactivity nuclear fusion and elementary particles. Prerequisite: Physics 2000. *Offered in alternate years*.

- 2750-2753 Special Topics or Laboratories in Physics (1/4 1). This course deals with areas not covered in other physics courses or laboratories. It is intended primarily for sophomores and juniors at an intermediate physics level. Prerequisite: Consent of instructor.
- 3100 Classical Mechanics (1). Dynamics of a single particle, including Newton's laws, momentum, energy, angular momentum, harmonic oscillator, gravitation and central force motion. The Lagrangian and Hamiltonian formulation will also be emphasized. Prerequisite: Physics 1010. Corequisite: Mathematics 3540. Offered in alternate years.
- **3110 Electromagnetism** (1). Fields, conductors, dielectric media, Laplace's and Poisson's equations. Direct and alternating currents, magnetic induction and forces, electromagnetic energy, Maxwell's equations with applications. Prerequisite: Physics 1010. Corequisite: Mathematics 3540. *Offered in alternate years*.
- **3120 Thermal Physics (1).** An introduction to equilibrium statistical mechanics with implications for thermodynamics and the kinetic theory of gases. Topics include, density of states, entropy and probability, partition functions, classical and quantum distribution functions. Prerequisite: Physics 2000. *Offered in alternate years*.
- **3130 Optics** (1). Geometrical optics: reflection, refraction, ray tracing and aberrations. Physical optics: wave theory, absorption, dispersion, diffraction and polarization. Properties of light from lasers, photodetectors and optical technology. Prerequisite: Physics 1010 or consent of instructor. *Offered occasionally*.
- 3140 Quantum Mechanics (1). Postulates of quantum mechanics, operators, eigenfunctions and eigenvalues. Function spaces, Hermitian operators and time development of state functions. Schrodinger's equation in one dimension, harmonic oscillator, rectangular potential barrier and the WKB approximation. Problems in three dimensions, angular momentum, Hydrogen atom and theory of radiation. Matrix mechanics and spin. Prerequisite: Physics 2000, Mathematics 3540. Offered in alternate years.
- **3202** Advanced Physics Laboratory I (1/2). Experiments of classical and contemporary importance selected from various fields of Physics. Experiments often deal with topics that have not been treated in other courses. Some areas of experimentation include interferometry, microwaves, X-rays and nuclear physics. Prerequisite: Physics 2000 or consent of instructor.
- **3212** Advanced Physics Laboratory II (1/2). Continuation of Advanced Physics Laboratory I, with the understanding that students will be expected to acquire an appreciation of the significance of the experiments performed through independent study. Prerequisite: Physics 3202.
- **3300 Electronics for Scientists (1).** The emphasis of this course is on analog electronics, including DC and AC circuit analysis, diode circuits, semiconductor devices, amplifier circuits, operational amplifiers and oscillators. Includes laboratory. Prerequisite: Physics 1010 or Consent of instructor. *Offered in alternate years*.
- 3750-3753 Directed Study (1/4 1). The student may begin to study topics of interest through readings and research. Prerequisite: consent of instructor.
- 3700-3703 Undergraduate Research (1/4 1). The student may continue to study topics of interest through readings and research. Prerequisite: consent of instructor.
- 3760-3763 Advanced Special Topics or Laboratories in Physics (1/4 1). Deals with areas not covered in other physics courses or laboratories. Aimed primarily at juniors and seniors at the intermediate or advanced level. Prerequisite: consent of instructor.
- **3850-3853** Internship (1/4 1). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: consent of instructor.

4902 Similarities in Physics (1/2). Analysis of the similarities that occur in many diverse fields of physics by oral and written presentations. Also includes presenting information processed from physical literature. Prerequisite: consent of instructor.

4912 Senior Seminar (1/2). A continuation of the theme in Similarities in Physics. Emphasis is placed on a unified approach to problem solving. Prerequisite: consent of instructor.

Political Science

Associate Professor: Charles H. Moore Ph.D., Chair

Assistant Professor: Iren Omo-Bare, Ph.D.

Requirements for Major: Students may complete a major in political science with nine courses, including Introduction to American Government, Comparative Government, International Relations, Political Theory, Research Methods I, Research Methods II, Senior Seminar, and any two other courses in the department.

Requirements for Minor: Students may elect a minor in political science with five courses, including Introduction to American Government, Comparative Government or International Relations, Political Theory, and any two other courses in the department.

One Core 6 (Social and Behavioral Science) IDS course may be counted toward the major or the minor in political science with permission of the chair of the department. In general, Introduction to American Government is a prerequisite for all other courses in American politics, namely PS 2010, 2100, 2120, 2130, 2150, 3140, 3190, 3200, and 3250. Comparative Government is a prerequisite for all other courses in comparative politics and international relations, namely PS 2400, 3300, 3310, 3350, 3400, 3410, 4300, 4400, and 4500. Exceptions by permission of instructor.

1000 Introduction to American Government (1). A systems analysis of the American political environment and decision making agencies, including study of federalism, state and local government, political parties, Congress, the Presidency, and the judiciary.

1300 Comparative Government (1). General comparative theory applied to developed and developing nations.

2010 American Public Policy (1). Analysis of civil liberties and civil rights, and fiscal, regulatory, social, defense, and foreign policies.

2050 Women and the Law (1). This course examines the development of the legal rights of women in American jurisprudence. Analyzing current issues affecting women, such as marriage, family, reproductive rights, employment, and sexual harassment, the course focuses on federal policy in the second half of the twentieth century.

2100 The U.S. Congress and Legislatures (1). This course examines the roles and functions of Congress (and other legislative institutions) in American governance. Recruitment is analyzed, as are formal and informal structures and processes, interbranch relations, and legislative reform. Offered in alternate years.

2120 The U.S. Presidency and Other Chief Executives (1). This course analyzes the institutional nature, roles, and functions of the American presidency and other chief executives (governors, mayors, etc.) Questions of recruitment, the nature of

leadership and executive power, formal and informal duties of office, evolution of the presidency, and performance evaluation are also explored. *Offered in alternate years*.

2130 The U.S. Judiciary (1). The nature and functioning of the judicial branch of American government is examined. From jurisprudence to the roles of courts, this course analyzes judicial recruitment and selection, decision-making, and court organization and management in courts from the U.S. Supreme Court to the municipal magistrate. Offered in alternate years.

2150 Urban/Metropolitan Politics (1). The nature of urban, suburban, and metropolitan governance is examined. Questions of urban policy, the future of cities, and quality of urban/metropolitan management are explored. Policy questions such as community and economic development, housing, growth management and plan-

ning, etc. are analyzed. Offered in alternate years.

2400 International Relations (1). Consideration of issues, strategies, and theories of international politics including the concepts of national interest and national defense, imperialism, balance of power, economics, and international cooperation and law.

2500 Political Theory (1). An inquiry into the basic principles of social and political organization, with special emphasis on concepts of government, justice, punishment, family, property, work, and peace. Same as Philosophy 2010. *Offered in alternate years*.

2550 Research Methods I (1). Same as Sociology 2100, Qualitative Social Research. **2560 Research Methods II** (1). Same as Sociology 2110, Quantitative Social Research.

3140 Constitutional Law (1). An analysis, including historical background and philosophical evolution, of Supreme Court interpretations of Constitutional provisions relating to the structure of the federal government and relationships between the different branches and with the states. The amendments to the Constitution, with an emphasis on guarantees of the Bill of Rights and the Fourteenth Amendment, will be explored. Prerequisite: Political Science 1000 and junior standing.

3190 Intergovernmental Relations (1). Principal ideas and practices of relations among governments in American federal system; legacy of "new federalisms"; state of fiscal federalism; present and future roles of state and local governments in a federal system; key actors, policies, issues, and controversies in IGR. Offered in

alternate years.

3200 Political Parties, Interest Groups, Public Opinion, and Voting Behavior (1). Examination of history and current structure and functions of American political parties; nature, organization, behavior of interest groups in American politics; the approaches to the study of and the content of American public opinion on politics and selected issues; and examination of American voters - why they vote (or do not vote) the way they do.

3250 Public Administration (1). Theory and application of planning, organizing, staffing, directing, coordinating, reporting, and budgeting in public agencies.

3300 Western European Government and Politics (1). Examination of politics and government in Western Europe by means of country studies and comparisons. Sections of the course will be devoted to the general topic of European integration and related concepts like "regionalism," "functionalism," and "integration theory." Offered in alternate years.

3310 African Government and Politics (1). Examination of politics and government in Africa by means of country studies and comparisons. Sections of the course will be devoted to the examination of issues of development and underdevelopment.

Offered in alternate years.

- **3350** The Politics of Race and Ethnicity: A Comparative Perspective (1). Examination of issues of race and ethnicity in selected countries. Sections of the course is devoted to the comparative study of the causes and consequences of ethnic and racial strife as well as the examination of race- and ethnic- specific policies in selected countries. Offered in alternate years.
- **3400 U.S. Foreign Policy (1).** Diplomatic, military, and economic aspects of foreign policy considered within the context of current issues. *Offered in alternate years*.
- **3410 Political Integration** (1). Examination of the general topic of regionalism. Particular emphasis will be placed on related concepts like "integration theory' and "functionalism." Sections of the course focus on integration efforts in Africa, Asia, Europe, the Middle East, and North and South America. *Offered in alternate years*.
- 3701-02 Directed Readings in Political Science (1/2 or 1). Directed readings in political science (no more than one directed reading course may be included in the list of courses for the major.)
- 3800-02 Political Science Internship (1/4, 1/2 or 1).
- **4300 Developing Nations (1).** Comparative theory applied to developing nations. Prerequisite: Political Science 3300. *Offered in alternate years*.
- **4400 Peace, Conflict Resolution and International Security** (1). This course will focus on issues of peace and international security. The course will seek to stimulate a wider awareness and appreciation of the search for peaceful resolution to strife in all its forms. *Offered in alternate years*.
- **4500 Political Sociology (1).** This course will employ the political-economy perspective to examine the various political ideologies and the diverse economic systems in the contemporary world. The course will also include an overview of theories of development and underdevelopment, and a discussion of social change within both specific societies and the world system. *Offered occasionally*.
- **4600-02 Special Topics in Political Science** (1/4, 1/2 or 1). Areas of interest not covered in regular courses; unusual opportunities to study subjects of special interest.
- **4900 Senior Seminar** (1). Advanced American government and behavioral theory.

Psychology

Professor: Edmond R. Venator, Ph.D., Chair

Associate Professor: Stephen T. Black, Ph.D. Diana S. Heise, Ph.D.

- Requirements for Major: Students may complete a major in psychology with eight courses, including Introduction to Psychology, Experimental Psychology I and II, Learning, Cognitive Psychology, Theories of Personality or Abnormal Psychology, Social Psychology or Developmental Psychology, and History and Systems.
- **Requirements for Minor:** Students may elect a minor in psychology with five courses in the department including Introduction to Psychology but excluding Undergraduate Research, Directed Reading, and Internships.
- 1000 Introduction to Psychology (1). Behavior and mental processes, with an emphasis on methods, principles, and theories. Content selected from the following areas: learning/memory, emotion/motivation, psychopathology/psychotherapy, cognition/perception, development/personality, social psychology, and the biological basis of behavior.

- 2100-2110 Experimental Psychology I & II (2). A two semester sequence examining the empirical base of psychology, including introduction to philosophy of science; research design, analysis, and interpretation; statistics, both descriptive and inferential. Development of skills in technical writing, reviewing professional literature, and use of computer software will also be included. Required laboratory. Prerequisite: Psychology 1000. Prerequisite for Psychology 2110: Psychology 2100.
- 3020 Psychology of Women (1). A survey of the empirical evidence on gender differences and issues specific to women. Gender differences are examined from biological, developmental, social, and cognitive perspectives. Issues specific to women, such as discrimination and stereotyping, are also examined. Prerequisite: Psychology 1000. Offered in alternate years.

3100 Cognitive Psychology (1). Cognitive processes underlying memory, problem-solving, and consciousness. Systematic exploration of processes, mechanisms, and putative structures involved in encoding, storage, retrieval, and use of information. Prerequisite: Psychology 1000.

3110 Perception (1). Mechanisms underlying immediate experience produced by stimuli, and the organization of these sensations into meaningful, interpretable experience. Prerequisite: Psychology 1000. *Offered in alternate years*.

3120 Learning (1). Adaptive behavior, with an emphasis on processes, principles and theories related to behavioral change. Areas of reflexive adjustment, respondent conditioning, and operant conditioning, and their interactions will be examined. Laboratory component. Prerequisite: Psychology 1000.

3130 Abnormal Psychology (1). Presents a psychological understanding and view of abnormal behavior. The presently prevailing system for the clinical classification of abnormal behavior is highlighted. Prerequisite: Psychology 1000.

3140 Theories of Personality (1). Consideration of the whole spectrum of personality theories. Including Freudian, humanistic, existential, and behaviorist models. Prerequisite: Psychology 1000.

3150 Developmental Psychology (1). Examines the general sequence of psychological development in the individual through adolescence and the dominant theories of developmental psychology. Special attention is devoted to the domains of physical, cognitive, linguistic and social development. Prerequisite: Psychology 1000.

3160 Clinical Psychology: Theory and Method (1). Addresses the history, theory, and methods of clinical psychology. Major psychotherapeutic theories are considered. Prerequisites: Psychology 2100 and Psychology 3130. Offered in alternate years.

3170 Social Psychology (1). Integrates current psychological theory, regarding communication, group dynamics, aggression, and human relations, with its application in real-world settings. Laboratory component. Prerequisite: Psychology 1000.

3180 Behavioral Neuroscience (1). Neurophysiologic and neuroanatomic correlates and substrates of behavior, emotion, and cognition. Prerequisite: Psychology 1000. *Offered in alternate years.*

3190 Psychological Tests and Measurements (1). Examines the history, methods, problems, and social concerns associated with measuring and assessing human behavior and abilities. Common tests of ability and psychopathology are considered. The laboratory includes administration and scoring of the WAIS. Prerequisite: Psychology 2110. Offered in alternate years.

4700-4703 Undergraduate Research (1/4 - 1). Direct involvement of student in empirical research.

4750 Special Topics (1). Specialty courses over a wide variety of topics in Psychology.

4800 Directed Reading (1/4 - 1). Independent pursuit of content area selected by student.

4850-4853 Internship (1/4 - 1). Practical experience/training in professional settings. **4900 History and Systems** (1). The capstone course for senior majors, requiring written position papers and class discussion related to enduring themes in the history of psychology, and to contemporary controversies and issues within the discipline. Prerequisite: Psychology 2110 and approval of department chair.

Sociology - Anthropology

Associate Professors: George J. Bey III, Ph.D., Chair

Frances Heidelberg Coker, M.S.

Assistant Professors: Ming Tsui, Ph.D.

Kenneth T. Andrews, M.A.

Requirements for Major: Students may complete a major in sociology-anthropology with a concentration in either anthropology or sociology. Nine and one-half courses are required for the major with either concentration, including the following:

- A. Anthropology concentration: Introduction to Anthropology or Introduction to Archaeology; Qualitative Social Research; Quantitative Social Research; Non-Western Societies or Archaeology of Selected Culture Areas; Social and Cultural Theory; Undergraduate Research or Honors; Senior Seminar; Senior Practicum; and two electives from the departmental offerings.
- B. Sociology concentration: Self and Society or Introduction to Sociology; Qualitative Social Research; Quantitative Social Research; Class, Gender, Race: Social Stratification; Social and Cultural Theory; Internship or Honors; Senior Seminar; Senior Practicum; and two electives from the departmental offerings.

Students may complete both concentrations with eleven and one half courses which must include: Introduction to Anthropology or Introduction to Archaeology; Self and Society or Introduction to Sociology; Qualitative Social Research; Quantitative Social Research; Non-Western Societies or Archaeology of Selected Culture Areas; Class, Gender, Race: Social Stratification; Social and Cultural Theory; Undergraduate Research, Internship, or Honors; Senior Seminar; Senior Practicum and two electives from the departmental offerings.

Requirements for Minor: Students may complete a minor either in anthropology or in sociology by taking four courses, including:

- A. Anthropology: Introduction to Anthropology or Introduction to Archaeology; one of the following 2000 level courses: 2100, 2110, 2130, 2400, 2410; one of the following 3000 level courses: 3110, 3120, 3200, 3210, 3310; and one elective from the Anthropology concentration.
- B. **Sociology:** Self and Society or Introduction to Sociology; one of the following 2000 level courses: 2010, 2100, 2110, 2130; one of the following 3000 level courses: 3120, 3200, 3210, 3220, 3300, 3310; and one elective from the Sociology concentration.

- 1000 Introduction to Sociology (1). A survey of the structures of social life.
- **1010 Social Problems (1).** Critical examination of the theoretical and empirical sociological literature on selected social problems. Topics vary but may include poverty, crime, deviance, violence, or other current social issues.
- 1100 Introduction to Anthropology (1). An introduction to the basic concepts and approaches of the study of cultural and social patterns of human societies around the world.
- **1110 Introduction to Archaeology (1).** The anthropological study of human evolution and archaeology. Provides a basic understanding of the ways the prehistoric past is studied and evidence for early physical and cultural evolution.
- **2010 Human Services (1).** An introduction to the purpose, techniques, and organization of human services practice from a social systems perspective. The roles of social workers in a variety of contexts: family practice, community organizations, and public and private human service organizations.
- 2100 Social Research I (1). A critical introduction to issues in research design. This part of the research methods sequence provides an introduction to different types of research methods and examines the advantages/limitations of each. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- 2110 Social Research II (1). Building from the foundation provided by Social Research I, this course provides instruction on collection, analysis and interpretation of data. Types of data analysis and collection covered include field work, interviewing, coding "qualitative" data, survey design/execution/analysis and statistical interpretation and analysis of numeric/coded data. Attention is also given to what inferences can legitimately be made from data and specific methods. Prerequisite: Soc-Anth 2100 or permission of instructor.
- 2130 Marriage and Family (1). The anthropological and sociological study of human families from a cross-cultural perspective. Examines the origin of the human family and the nature of family life in a number of non-western societies and in the United States. Prerequisite: Soc-Anth 2100 or permission of instructor. Offered in alternate years.
- **2200** Sociology of Human Interaction (1). An examination of human behavior from a social interactionist perspective. The course focuses on an examination of how social norms, institutions, race, class and gender structure social interaction. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- 2400 Women and Men in Prehistory (1). An examination of cultural evolution from the appearance of homo sapiens until the rise of the first urban civilizations with an emphasis on exploring the contributions made both by women and by men to the process of human development as well as on the nature of gender in the prehistoric past. Prerequisite: Soc-Anth 2100 or permission of instructor. Offered occasionally.
- **2410** Human Ecology (1). The anthropology of human ecosystems examines the relationship between culture and environment. The course includes research and theory on how pre-industrial societies adapt to their environments and on the ecological problems created by industrial society. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor. *Offered occasionally*.
- **2500** Sociolinguistics (1). A comprehensive study of language and society and the social context of linguistic diversity. It brings together the perspectives of linguistics, anthropology and sociology to examine multilingualism, social dialects, conversational interaction, language attitudes and language change. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- **3110** Archaeology of Selected Culture Areas (1). Explores the archaeological record of a selected prehistoric culture area. Emphasis is on reconstructing ancient lifeways

- and understanding the processes which create the archaeological record. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- **3120** Non-Western Societies (1). The course examines both the culture of selected non-western societies and the range of methodological and theoretical approaches used to understand them. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- **3220 Class, Gender, Race: Social Stratification (1).** A sociological examination of the theoretical and empirical literature on the impact of social class, gender and race on the life course and life chances of people in selected societies. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- **3300 Health and Illness (1).** A sociological investigation of the social and cultural factors and those formal and informal organizations shaping health and illness. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor. *Offered in alternate years*.
- **3310 Deviance:** A Comparative Approach (1). A critical anthropological and sociological examination of the social construction of norms, of rule-breaking acts and actors, and of responses to rule-breaking, from a cross-cultural, comparative perspective. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor. *Offered in alternate years*.
- **3500** Sociology of Law (1). This course explores the relationship between law and society. Subject matter includes a survey of sociological theories of law, a social history of the U.S. legal system, and critical examination of the limits and contradictions of certain areas of law as they pertain to issues of race, class and gender. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- **3710** Social Psychology (1). Integrates current social and psychological theory regarding communication, group dynamics, aggression, and human relations, with its application to real-world settings. Laboratory component. Prerequisite: Soc-Anth 1000 or 1100 or 1110 or permission of instructor.
- 3800-3802 Directed Readings in Anthropology (1/2 or 1).
- 3810-3812 Directed Readings in Sociology (1/2 or 1).
- **4200 Social and Cultural Theory** (1). Critical, comparative, and synthetic examinations of historical and contemporary sociological theory, including functionalism, conflict theory, phenomenology, and symbolic interactionism. For juniors.
- **4700 Undergraduate Research** (1). Research project proposed and conducted independently by a junior or senior, with report due at end of semester.
- **4710 Independent Study** (1). Inquiry by a junior or senior capable of independent work with a minimum of supervision, with report due at end of semester.
- 4750 Special Topics in Anthropology (1). Areas not normally covered in other courses.
- 4760 Special Topics in Sociology (1). Areas not normally covered in other courses.
- **4850-4852 Internship** (1/2 or 1). Practical experience and field-based training for majors working with selected organizations engaged in social research, human services, or community services.
- **4900 Senior Seminar (1).** A collaborative seminar in sociological and anthropological practice and theory in which students read key texts, reflect on their course of study, and integrate the disciplines of sociology and anthropology.
- **4902 Senior Practicum** (1/2). A collaborative seminar in the practice and application of sociological and anthropological theory and findings, in which students sharpen methodological skills and relate their major to the world outside the College.

Interdisciplinary Programs

Christian Education

The area of concentration in Christian Education helps prepare students to plan, organize, lead, and teach in religious education programs. For further information, see the chair of the Religious Studies Department or the college chaplain.

Requirements for Area of Concentration: (1) a major or minor in religious studies; (2) additional coursework including Religious Studies 3600, Education 2300 or IDS 1610, Psychology 3130 or 3170, and Sociology 1010 or IDS 1600; and (3) an internship in Christian education offered by the Religious Studies Department.

European Studies

The program in European Studies is designed for those students who are keenly interested in European affairs. The major or minor in European Studies cuts across traditional departmental and divisional boundaries and allows the student to work with faculty to design a program of study which integrates those aspects of European affairs which best meet the student's interests. European art, business, history, languages, literatures, music, philosophy and political science are among the areas of study available to students in European Studies.

- Requirements for Major: Students complete a major in European Studies with a total of ten courses. In addition to satisfying the language requirement for the BA or BLS degrees, the European Studies major must complete four semesters of a second modern European language above the 1000 and 1010 level, four courses from a list of approved ES courses (three of which must be from the student's area of concentration), and the European Studies Colloquium which will be taken during the student's final year. The European Studies major is intended to be cross-divisional, and no more than three of the required five courses (including the ES Colloquium) which count toward the major may be within one division. No more than one course from the core can count toward the requirements for the ES major.
- Requirements for Minor: In addition to satisfying the language requirement for the BA or BLS degrees, the European Studies minor must complete two semesters of a second modern European language above the 1000-1010 level, or the equivalent and three additional courses to be determined by the candidate in consultation with his or her committee. No more than two may be in the same department.
- **4000 European Studies Colloquium (1).** An interdisciplinary research forum in which students pursue an individual, directed reading and writing project within their areas of concentration. This project will lead to the completion, during the spring semester of the student's senior year, of an interdisciplinary senior thesis.

Women's Studies

Women's Studies is an interdisciplinary program designed to promote the study of gender, of women's experiences, and of various feminist theories across the college curriculum.

Requirements for Area of Concentration: A student may elect an area of concentration in Women's Studies (along with the major) by completing the following requirements: Introduction to Women's Studies, Senior Project, and three approved Women's Studies courses with multidisciplinary breadth. A minimum grade of C is required.

2000 Introduction to Women's Studies (1). This course is an interdisciplinary introduction to the field of Women's Studies; to the questions raised by the study of women's experiences; to the intellectual debates surrounding the issue of gender; and to the role of Women's Studies in the various liberal arts disciplines.

4002 Senior Project (1). This project consists either of an independent study with an instructor in the student's major or a teaching practicum in the Introduction to

Women's Studies course.

Interdisciplinary Core

1000 Introduction to Liberal Studies (1). This course is designed to introduce students to the academic community, to provide opportunities for intellectual growth through critical thinking and writing on subjects of general interest, and to initiate a process of self-reflection that will continue to graduation. It is a writing-intensive course that takes the place of English Composition.

1020 Writing and Thinking (1). This course is designed to provide additional writing experience to students who have already taken Introduction to Liberal Studies.

Prerequisite: Liberal Studies 1000 and recommendation of instructor.

1050 Fine Arts Lab (1) A three-part laboratory experience in the fine arts, including: (1) an introductory seminar and related readings, (2) attendance at a minimum of 12 fine arts events, and (3) a written portfolio containing reflective essays relating to these fine arts events.

- 1118-1128 Heritage of the West in World Perspective (2-2). Beginning with the ancient period and continuing to the present, this program brings together history, literature, philosophy, religion and the arts in an integrated approach to the study of Western culture within a global context. It is the equivalent of two courses extending throughout the year. This course meets the requirements of Core 2-5 and the fine arts requirement.
- **1200 Topics of the Ancient World (1).** Courses with different topics address developments in the period from 1000 B.C.E. to 300 C.E. from a variety of perspectives, including history, literature, philosophy, religion and the fine arts. This course meets the requirements of Core 2.
- **1300 Topics of the Premodern World (1).** Courses with different topics address developments from 300 to 1600 from a variety of perspectives, including history, literature, philosophy, religion and the fine arts. This course meets the requirements of Core 3.
- 1600 Topics in the Social and Behavioral Sciences (1). Courses with different topics address issues relating to society and the individual by applying the methods of psychology, sociology, politics, and economics. This course meets the requirements of Core 6.
- 1700 Topics in the Natural Sciences with Lab (1). Courses with different topics address issues relating to the natural world by applying the methods of biology, chemistry, geology and physics. This course includes a laboratory and meets the requirements of Core 7 and 9.

1800 Topics in Mathematics (1). Courses in mathematics which are interdisciplinary in nature and emphasize the place of mathematics within the liberal arts.

- **1900 Topics in Science, Mathematics and Computer Studies** (1). Courses with different topics address issues relating to science, mathematics and computer studies. This course does not include a laboratory and therefore does not meet the Core 7 requirement, but it does fulfill the Core 9 requirement.
- **2400 Topics of the Modern World (1).** Courses with different topics address developments from 1600 to 1900 from a variety of perspectives, including history, literature, philosophy, religion, and the arts. This course meets the requirements of Core 4.

- 2500 Topics of the Contemporary World (1). Courses with different topics address developments in the twentieth century from a variety of perspectives, including history, literature, philosophy, religion, and fine arts. This course meets the requirements of Core 5.
- **4000 Reflections on Liberal Studies (1).** This course is designed to provide students with an opportunity to draw together the various strands of their education, to make connections among disciplines, and to prepare them for a responsible role within the larger community. Prerequisite: Senior status and completion of all other core requirements, including the writing portfolio requirement.

Other Interdisciplinary Courses

- 1000 Introduction to American Culture I & II (1-1) This course is specially designed for international students to help them practice and refine their communication skills through the study of American history, literature and language. Enrollment by permission of the instructor.
- 2000 Topics in Southern Studies (1). A course for the general student to be offered by the Eudora Welty Professor of Southern Studies. It may be cross-listed with one or more departments and may be repeated for credit with different topics.

Charles W. and Eloise T. Else School of Management

The Kelly Gene Cook, Sr. Chair of Business Administration The Hyman F. McCarty, Jr. Chair of Business Administration The J. Army Brown Chair of Business Administration

The Selby and Richard D. McRae Chair of Business Administration

Professors: Hugh J. Parker, Ph.D., C.P.A., Dean

Carl A. Brooking, Ph.D. M. Ray Grubbs, Ph.D.

William A. Hailey, D.B.A., C.Q.E., C.Q.A.

George M. Harmon, D.B.A. Walter P. Neely, Ph.D., C.F.A.

Jerry D. Whitt, Ph.D.

Associate Professors: David H. Culpepper, Ph.D., C.P.A.

Raymond A. Phelps,II, D.B.A. Patrick A. Taylor, Ph.D.

Peter C. Ward, J.D.

Assistant Professors: Ajay K. Aggarwal, Ph.D.

Jesse D. Beeler, Ph.D. Nancy L. Bledsoe, Ph.D. Bill M. Brister, Ph.D.

Kimberly G. Burke, Ph.D., C.P.A. Penelope J. Prenshaw, Ph.D.

Susan W. Taylor, Ph.D.

Instructor: Sanford D. Warren, C.P.A., C.Q.A.

The Else School of Management offers undergraduate degree programs which lead to the BBA degree with majors in accounting or in business administration, and to BA, BS, or BLS degrees with a major in economics. The Else School also offers two graduate degrees: Master of Business Administration (MBA) and Master of Accountancy (MAcc). The MBA degree can be completed in one year beyond the bachelors degree for students who have completed the BBA program at Millsaps and non-business students, typically those pursuing the BA, who complete the Major Plus program. The Master of Accountancy generally requires one additional year of study beyond the BBA for students who have majored in accounting and wish to complete the educational requirements to take the C.P.A. examination. For details of the MBA, Major Plus, and MAcc, see other sections of this catalog and other college publications. The Business programs offered by the Else School of Management, Millsaps College, are accredited by the American Assembly of Collegiate Schools of Business.

Bachelor of Business Administration (BBA)

Educational Goals: The curriculum of the Bachelor of Business Administration degree (BBA) is designed to provide an educational base for a lifetime of learning to enable each student to realize his or her potential. To accomplish this mission, educational goals have been identified to develop in each student: 1) a management outlook toward organizations and the ability to work with others to accomplish common goals; 2) the ability to organize information for analysis and decision making; 3) an

understanding of the standards of professional behavior which are consistent with ethical precepts; 4) an awareness of the attributes necessary to attain positions of leadership; 5) an understanding of innovation and the importance of agents of change in society; 6) a global perspective; and 7) an understanding of the changing societal, political, legal, and cultural environments that organizations face.

Degree Requirements: Students major in either accounting or business administration to earn a BBA degree. The BBA academic program is a three-year, integrated body of study. Since the program is integrated, the courses are sequenced so that each course is taught with the assumption that the students in the class have a common academic background. To insure educational diversity, at least 16 courses must be non-business courses. Up to 2.25 economics courses may be considered as non-business courses.

Foundation Prerequisites: Students pursuing the BBA should complete College Algebra, Survey of Calculus (or Precalculus followed by Analytical Geometry and Calculus I), and Computer Survival (or a higher level computer course) during their freshman year. Elementary Statistics should be completed during the spring semester of the sophomore year. College Algebra and Survey of Calculus (Precalculus, Analytical Geometry and Calculus 1) satisfy the Core 8 and 9 requirements respectively. In general, all sophomore-level BBA core courses should be completed before commencing junior-level courses (see one exception to this rule for business minors noted under Minor Requirements).

Curriculum: Nine core courses, two of which are one-half semester courses for a total of eight semester course credits, are required of all BBA students in addition to the courses required for the particular major, business administration or accounting. The business administration major includes the BBA core courses plus Business Strategy and three Else School elective courses for a total of twelve semester course credits. Students planning to complete degree requirements and leave the College at the end of a fall semester must take Management 4000, Business Strategy, in the spring of the preceding academic year. The accounting major includes the BBA core courses and eight additional courses for a total of sixteen semester course credits. Courses should be taken in the sequence prescribed. The BBA core courses are:

Sophomore Year

Fall Term: Principles of Economics (1 course)

Principles of Financial Accounting (1 course)

Spring Term: Principles of Managerial Accounting (1/2 course)

Business Software Packages (1/2 course)

Junior Year

Fall Term: Introduction to Management (1 course)

Principles of Corporate Finance (1 course)

Spring Term: Operations Management with Computing (1 course)

Fundamentals of Marketing (1 course)

Senior Year

Fall Term: Legal Environment of Business (1 course)

Major Requirements: A minimum of twelve semester course credits are required to earn the BBA degree in business administration. In addition to the BBA core, students pursuing a major in business administration must complete Business Strategy, to be taken in the senior year, and three Else School elective courses.

Students pursuing the BBA with a major in accounting must complete a minimum of sixteen semester courses, including the BBA core, Intermediate Accounting I and II, Cost Accounting, Federal Taxation of Income, Advanced Financial Accounting, Auditing, Business Law, and Senior Seminar in Accounting.

Minor Requirements: A student may elect a minor in business administration by completing with a grade point average of 2.0 or higher Principles of Economics, Principles of Financial Accounting, Introduction to Management, and any other one of the following Else School courses, Principles of Corporate Finance, Fundamentals of Marketing, or Operations Management with Computing. Minors in accounting are not offered.

Transfer Credit: Students may transfer from other schools and pursue the BBA at the Else School, **but at least fifty percent of the BBA course work must be taken at Millsaps.** Transfer students from two-year colleges may receive credit for Principles of Economics if they passed with a grade of "C" or better six hours of Economic Principles. They must, however, take the four junior-level BBA core courses at Millsaps.

Credit for junior and senior-level courses taken at other four-year colleges will be evaluated on an individual basis by the appropriate Else School committee. For business administration majors, Business Strategy must be taken at Millsaps; and for accounting majors, at least three of the accounting courses required in the major must be taken at Millsaps.

Ordinarily, course work taken more than six years prior to admission or readmission to the Else School and academic work in which the student received a grade below "C" must be repeated. The Academic Affairs Committee of the Else School will evaluate extenuating circumstances for exceptions to these standards.

Master of Accountancy Program (MAcc)

The Else School offers the Master of Accountancy degree which is designed for students who intend to pursue professional careers in public accounting, business, and the government/non-profit sector. The MAcc fulfills the educational requirements to sit for the C.P.A. examination in states which have adopted the AICPA's 150 credit hour requirement. In general, the MAcc program involves a fifth year of study beyond the accounting major BBA degree. Students who plan to seek the MAcc degree should pursue the basic accounting major as outlined above. For more details about the MAcc program, see any member of the accounting faculty and other college publications.

Student's Guide to Earning a BBA

The following is a four-year curriculum typical of Millsaps students majoring in business administration. Though this is representative of a BBA student's four-year course of study, there are opportunities for individual variations including double majors and minors depending upon the student's particular interests. By the end of their

sophomore year, BBA students are generally expected to have completed Core 1 through 9 as well as the math and computer courses which are the foundations of the BBA curriculum. It should be noted that a BBA student may choose to take more than the minimum of 12 Else School courses but at least 16 courses must be non-business courses.

Suggested Curriculum for BBA in Business Administration

Freshman Year - Topics Course Option

Fall Term:

Core 1 (LS 1000)

Core 2 (Ancient World)

Math (Algebra or Precal - Core 8) Core 6, Fine Arts elective, general elective or Computer Survival

Total Courses - 4.0

Spring Term:

Core 3 (Premodern World) Core 7 (Natural Science)

Math (Survey or Cal. I - Core 9) Core 6, Fine Arts elective, general

elective or Computer Survival

Total Courses - 4.0

Freshman Year - Heritage Option

Fall Term:

Core 1 (LS 1000)

Heritage (2 courses)

Math (Algebra or Precal - Core 8)

Total Courses - 4.0

Spring Term:

Math (Survey or Cal. I - core 9)

Heritage (2 courses) Computer Survival

Total Courses - 4.0

Sophomore Year - Topics Course Option

Fall Term:

Core 4 (Modern World)
Principles of Economics
Prin. of Financial Accounting

Elective or Core 6 or 7

Spring Term:

Core 5 (Contemporary World) Elementary Statistics (Math 1150) Prin. of Mgmt Accounting (1/2 crs.)

Bus. Software Pkgs (1/2 crs.)

Elective or Core 6 or 7 **Total Courses - 4.0**

Total Courses - 4.0

Sophomore Year - Heritage Option

Fall Term:

Core 6 or 7

Principles of Economics Prin. of Financial Accounting

Elective

Spring Term:

Core 6 or 7

Elementary Statistics (Math 1150) Prin. of Mgmt Accounting (1/2) crs.)

Bus. Software Pkgs (1/2 crs.)

Elective

Total Courses - 4.0

Total Courses - 4.0

Junior Year

Fall Term:

Introduction to Management Principles of Corporate Finance General elective

General elective

Total Courses - 4.0

Spring Term:

Operations Mgmt Fundamentals of Marketing General or BBA elective

General or BBA elective

Total Courses - 4.0

Senior Year

Fall Term:

Legal Environ. of Business Core 10 or elective General or BBA elective General or BBA elective

Total Courses - 4.0

Spring Term:

Business Strategy
Core 10 or elective
General of BBA elective
General of BBA elective

Total Courses - 4.0

Suggested Curriculum for BBA in Accounting

Since the freshman and sophomore year courses are common to both business administration and accounting major BBA students, the following table illustrates a typical curriculum for only the junior and senior years for BBA accounting majors. The fifth year of study leading to the Master of Accountancy Degree (MAcc) which provides the additional course work necessary to qualify to sit for the C.P.A. exam is described in other college publications.

Junior Year

Fall Term:

Introduction to Management Principles of Corporate Finance Intermediate Accounting I General elective

Total Courses - 4.0

Spring Term:

Operations Mgmt w/Comp Fundamentals of Marketing Intermediate Accounting II Federal Taxation of Income

Total Courses - 4.0

Senior Year

Fall Term:

Auditing I
Cost Accounting I
Legal Environment of Business
Senior Seminar

Total Courses - 4.0

Spring Term:

Core 10 or general elective Advanced Financial Accounting

Business Law

General elective or Core 10

Total Courses - 4.0

Accounting majors have the option of participating in a 2.00 course credit, full-time internship program during the spring semester of the senior year.

Economics Major

Requirements for BA, BS, or BLS degree with major in Economics: In addition to other stated degree requirements for the BA, BS, or BLS degrees, the student majoring in economics must take Survey of Calculus (or Precalculus and Analytical Geometry and Calculus 1) and Computer Survival. Nine additional courses are required for the economics major, including Elementary Statistics (Math 1150), Principles of Economics, Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory, Money and Financial Systems, Econometrics and Applied Statistics, International Economics, Senior Seminar, and Legal Environment of Business. Students may elect to pursue deeper study in the field by taking Public Finance and/ or History of Economic, although neither of these two are required courses for economics majors. Principles of Financial Accounting and Principles of Managerial Accounting are also recommended for students pursuing the economics major. It is highly recommended that students planning graduate study in economics take at least Precalculus (or College Algebra and College Trigonometry) and Analytic Geometry and Calculus I and II and Linear Algebra. Note that the economics major is unavailable through the BBA program.

Minor Requirements: A student may elect a minor in economics with Principles of Economics and any three other economics courses. Students pursuing the BBA and seeking a minor in economics may not apply the three economics courses beyond Principles of Economics to satisfy BBA elective requirements.

Accounting

2000 Principles of Financial Accounting (1). The basic concepts, systems, and terminology of accounting data in decision modern accounting leading to the interpretation making by external users. The course emphasizes understanding of general purpose financial statements. Prerequisite: Sophomore standing.

2002 Principles of Management Accounting (1/2). A survey of principles of management accounting and controllership principles including: cost behavior, cost-volume-profit analysis, absorption and variable costing methods, budgeting and

performance analysis. Prerequisite: Acct 2000.

3000 Intermediate Financial Accounting I (1). A focus on the conceptual framework of financial reporting which emphasizes the accounting model, the rationale underlying generally accepted accounting principles, and the external disclosure consequences of corporate decisions. Prerequisites: Accounting 2000 and 2002. This course is offered during the fall semester.

3010 Intermediate Financial Accounting II (1). A continuation of Intermediate Financial Accounting with a focus on issues relating to the financial reporting by public corporations, stockholders equity, long-term liabilities, cash flow, and income reporting. Prerequisite: Accounting, 3000. This course is offered during the spring

semester.

- 3020 Cost Accounting I (1). Basic managerial accounting concepts and terminology including development of information to be used by management in planning and controlling activities, understanding cost behavior and cost accumulation systems for manufacturing firms, and the application of textbook concepts to actual organizations. Prerequisite: Accounting 2000 and 2002. This course is offered during the fall semester.
- **4000 Federal Taxation of Income (1).** This course prepares students to examine the sources of tax law relating to individual taxpayers, and to gain orientation and practical experience in preparing tax forms and meeting filing requirements. Prerequisites: Accounting 2000 and 2002. This course is offered during the spring semester.
- 4010 Auditing I (1). This course includes the environment of the auditing sector in business and the role of auditing in society. Topics include the legal and ethical responsibilities of accountants, professional auditing standards, the acquisition, evaluation and documentation of audit evidence and reports on the results of the auditing engagement. Prerequisite: Accounting 3010. This course is offered during the fall semester.
- **4020 Advanced Financial Accounting (1).** Financial accounting and reporting for selected noncorporate entities, such as partnerships and governmental units and for multicorporate or "consolidated" business enterprises. Selected accounting topics concerning multinational enterprises will be introduced. Prerequisite: Accounting 3010. This course is offered during the spring semester.

4030 Accounting Information Systems (1). Exposes students to analysis, design, and evaluation of accounting systems with emphasis on transaction processing and the related internal controls for the major accounting cycles. Also included is development of systems flowcharting skills and exposure to advanced computerized accounting

systems. Prerequisite: Accounting 3010.

4040 Advanced Taxation (1). A study of the taxation of corporations, partnerships, estates, and trusts. Prerequisite: Accounting 4000.

4050 Senior Seminar: Contemporary Issues and Global Accounting (1). A seminar course exploring the current accounting environment and the major issues facing the accounting profession. The course also addresses the role accounting plays in the global economy. Includes group projects and oral presentations by students. Prerequisite: Completing of junior-level accounting courses and enrollment in Acct 4000 and Acct 4010. This course is offered during the fall semester.

4060 Governmental/Non-Profit Accounting (1). Principles and applications appropriate to Governmental and other non-profit institutions. Emphasis is on

budgeting and fund accounting. Prerequisite: Accounting, 3010.

Business Administration

4000 The Legal Environment of Business (1). An introduction to legal systems and the business related provisions of the U.S. Constitution, to the common law of torts and business organizations, to administrative law and procedures, to regulatory programs involving labor, antitrust and securities, and to the impact of foreign and domestic laws on international business. Prerequisite: Junior-level BBA core courses or permission of instructor. This course offered during the fall semester.

4020 Business Law (1). Emphasis on common law contracts and Uniform Commercial Code sections dealing with sales, commercial paper, and secured transactions. Prerequisite: Business Administration 4000. (Available to non-accounting majors with permission of instructor.) This course is offered during the spring semester.

Finance

- **3000 Principles of Corporate Finance (1).** This course introduces corporate finance concepts. Emphasis is placed on financial decision-making within the corporation in such areas as capital investment, capital structure, working capital management, and financing the firm. The student is also introduced to bond and stock valuation and to the role of global financial markets including regulatory aspects. Prerequisite: Required sophomore BBA core courses. This course is offered during the fall semester.
- **4000** Advanced Finance (1). An advanced course in corporate finance. Selected topics include working capital management, risk analysis in capital budgeting, financing, mergers and acquisitions, international financial markets, derivative financial instruments, and capital market theory. Cases and projects are used in the course. Prerequisite: Finance 3000.

4750 Topics in Finance (1). Several topics in finance will be considered on a rotational basis. Topics may include international finance, the financing of mergers and acquisitions, investments, speculative markets, international financial management, and the management of business risk. Prerequisite: Finance 3000 or permission of

instructor. Offered occasionally.

4900 Seminar in Portfolio Management (1). An advanced course in portfolio management and investments. The course focuses on management of the General Louis Wilson Fund, the student managed portfolio. Analysis of securities and portfolio management are emphasized in the course. The course requires readings, cases, field trips, projects, student research and presentation. Prerequisite: Finance 3000.

Management

- 2002 Business Software Packages (1/2). Develops skills in using available computer software as tools for managerial decision making. This course is offered during the spring semester.
- **3000** Introduction to Management (1). Provides an introduction to the arts and sciences of management. Theories of organization structure, communication, and managerial decision making are addressed. Particular emphasis is given to organization behavior. Additionally, a detailed analysis is made of the planning, organizing, leading, and controlling functions. Prerequisite: Required sophomore BBA courses. This course is offered during the fall semester.
- 4000 Business Strategy (1). Takes a searching look at the major components of strategy from an upper-level management perspective. Using case studies and simulations, this course provides a learning laboratory which integrates the knowledge and skills learned in the core courses of each function. Prerequisite: Required BBA core courses. This course is offered during the spring semester.
- **4010 International Business (1).** Focuses on issues and problems facing, managers whose firms do business abroad. The strategic issues, operational practices, and external relations of multinational companies are analyzed through cases that bridge individual functional areas. Prerequisite: Junior-level BBA core courses.
- **4750 Principles of Real Estate (1).** This is an elective course taken in the student's junior or senior year. It applies many of the concepts and theories learned in the student's first two years of study to the practices of the real estate industry. *Offered occasionally*.

Marketing

- 3000 Fundamentals of Marketing (1). Consideration of pricing, promoting and distributing products and services to satisfy buyers' needs in an ethical and socially responsible manner, with particular attention to the impact of demographic, economic, social, environmental, political, legal, regulatory, and technological forces on domestic and global organizational marketing systems. Prerequisite: Required sophomore BBA core courses. This course is offered during the spring semester.
- 4010 Consumer Behavior (1). This course studies the process involved when individuals or groups select, purchase, use, or dispose of products, services, ideas, or experiences to satisfy needs and desires. To consider the scope of consumer behavior, the course stresses the complex and interdependent relationships between marketing stimuli and the day-to-day lives of consumers. Prerequisite: Marketing 3000.
- **4020 Marketing Research (1).** The course imparts an understanding of and the skills to apply the methods and techniques required for gathering, recording, and analyzing information for making marketing decisions. Prerequisite: Marketing 3000.
- **4030** New Product Development (1). The object of this course is to familiarize the student with applications of relatively recent new product management, planning, and policy techniques. Particular emphasis is placed on creative problem-solving, business analysis for new products, test marketing, and introduction. Prerequisite: Marketing 3000.
- **4750 Topics in Marketing (1).** Several topics in marketing will be considered on a rotational basis. Topics include services marketing, promotion, sales management, international marketing, health care marketing, professional sales, and evolving issues in the field. Prerequisite: Marketing 3000. *Offered occasionally*.

Quantitative Management

3000 Operations Management with Computing (1). The course addresses tools and techniques that can be used by production and operations managers in the areas of planning, designing, operating and controlling systems. Topics covered include decision making, forecasting, linear programming, aggregate planning, capacity planning, just-in-time systems, material requirements planning, scheduling, project management, waiting lines, and quality assurance. Computer programs are used extensively to process data. Prerequisite: Required sophomore BBA core courses. This course is offered during the spring semester.

Special Purpose Course Numbers 4750-4752 Special Topics (1/2-1).

4800-4802 Independent Study (1/2-1).

4850-4852 Internship (1/2-1).

Economics

2000 Principles Of Economics (1). An examination of basic micro and macro concepts of economics including the role of economics, supply and demand, price determination, demand and production theory, costs, competition, monopoly, the role of government in the economy, national income determination, the monetary system, and fiscal and monetary policy. Prerequisite: Sophomore standing: Sophomore standing and Survey of Calculus is recommended.

3000 Intermediate Macroeconomic Theory (1). The measurement and determination of the level of national income and output, aggregate demand and supply, inflation, unemployment, the theory of money and interest rates, the causes of economic cycles, and national economic policy analysis. Prerequisite: Economics 2000 and junior standing or consent of instructor. This course is offered during the fall semester.

3010 Intermediate Microeconomic Theory (1). Price and output determination in markets, equilibrium, market intervention, externalities, the theory of value, production and cost theory, resource markets, and welfare and policy implications. Prerequisite: Economics 2000 and junior standing or consent of instructor. This course is offered

during the spring semester.

3020 Money and Financial Systems (1). A survey of both the macroeconomic and macroeconomic aspects of financial systems, including market structure, behavior, and regulation of commercial banks and other financial intermediaries; the creation of money; central bank organization and monetary control, and policy issues. Prerequisite: Economics 2000 and junior standing. This course is offered during the fall semester.

3030 Econometrics and Applied Statistics (1). A study of the general linear regression model, simultaneous estimation procedures, Monte Carlo simulation, and advanced statistics. Prerequisite: Elementary Statistics or consent of instructor and junior standing. This course is offered during the fall semester.

3040 International Economics (1). An extension and application of economic theory to international issues with an examination of world money markets, exchange rates, adjustment mechanisms, and issues. Prerequisite: Economics 3000 or 3010 or consent of instructor. This course is offered during the spring, semester.

3100 Public Finance (1). Government decisions on expenditures, taxation, debt management and policy issues. Prerequisites: Economics 3010 or consent of

instructor. Offered occasionally.

3110 History of Economic Thought (1). Traces the development of economic thought from the classical school to the present time. Prerequisite: Economics 2000. Offered occasionally.

4900 Senior Seminar in Economics (1). Student research and discussion of selected topics in economics. Prerequisite: Senior standing and Economics 3000 and 3010. This course is offered during the spring semester.

Special Purpose Course Numbers 4750-4752 Special Topics (1/2-1).

4800-4802 Independent Study (1/2-1).

4850-4852 Internship (1/2-1).

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Emeriti Faculty
John Quincy Adams (1965) Emeritus Professor of Political Science B.A., Rice University; M.A., University of Texas, El Paso; J.D., University of Texas, Austin
McCarrell L. Ayers (1965) Emeritus Associate Professor of Music B.M., Eastman School of Music, University of Rochester; M.M., Indiana University
Richard Bruce Baltz (1966) Emeritus Professor of Economics A.A., Belleville Jr. College; B.B.A., M.S., Baylor University; Ph.D., University of Arkansas
Howard Gregory Bavender (1966) Emeritus Professor of Political Science A.B., College of Idaho, M.A., University of Wisconsin
Robert E. Bergmark (1953) Emeritus Professor of Philosophy A.B., Emory University; S.T.B., Ph.D., Boston University
Frances Blissard Boeckman (1966)
Billy Marshall Bufkin (1960) Emeritus Professor of Modern Languages
C. Leland Byler (1959) Emeritus Professor of Music A.B., Goshen College; M.M., Northwestern University
Magnolia Coullet (1927) Emerita Professor of Ancient Languages A.B., Millsaps College; A.M., University of Pennsylvania; B.M. Belhaven College;
A.M.(German), University of Mississippi J. Harper Davis (1964) Emeritus Professor of Physical Education
B.S., M.Ed., Mississippi State University Kathleen A. Drude (1986)
B.S., Southern Louisiana University; M.A., Ph.D., University of Mississippi Mary Ann Edge (1958) Emerita Professor of Physical Education
B.S., M.S., University of Mississippi; Ed.D., University of Southern Mississippi John Lemuel Guest (1957) Emeritus Professor of German
A.B., University of Texas; A.M., Columbia University Floreada Montgomery Harmon (1972) Emerita Professor and Librarian
A.B., Tougaloo College; M.S.L.S., Louisiana State University Nellie Khayat Hederi (1952) Emerita Professor of Spanish
A.B., Mississippi State College for Women; A.M., Tulane University Donald D. Kilmer (1960) Emeritus Associate Professor of Music
B.M., M.M., Indiana University Samuel Roscoe Knox (1949) Emeritus Professor of Mathematics
A.B., A.M., University of Mississippi; Ph.D., Virginia Polytechnic Institute
Frank M. Laney, Jr. (1953) Emeritus Professor of History

A.B., University of Mississippi; A.M., Ph.D., University of Virginia

- Russell Wilford Levanway (1956) Emeritus Professor of Psychology A.B., University of Miami; M.S., Ph.D., Syracuse University Herman L. McKenzie (1963)..... Emeritus Professor of Mathematics B.S., Millsaps College; M.Ed., M.S., University of Mississippi Myrtis Flowers Meader (1960)..... Emerita Professor of Education B.S., Millsaps College; M. Ed., Mississippi College James A. Montgomery (1959) Emeritus Professor of Physical Education A.B., Birmingham-Southern College; A.M., Ed.D., George Peabody College of Teachers A.B., Randolph-Macon Woman's College; A.M., Radcliffe College Mildred Lillian Morehead (1947) Emerita Professor of English A.B., Mississippi State College for Women; A.M., Duke University Robert H. Padgett (1960) Emeritus Professor of English A.B., Texas Christian University; A.M., Vanderbilt University Lee H. Reiff (1960) Emeritus Professor of Religion A.B., B.D., Southern Methodist University; M.A., Ph.D., Yale University Arnold A. Ritchie (1952)...... Emeritus Professor of Mathematics B.S., Northeastern State College of Oklahoma; M.S., Oklahoma A.& M. College **Faculty** Ajay K. Aggarwal (1989) Assistant Professor of Quantitative Management B.Tech., Indian Institute of Technology; M.S., M.B.A., Ph.D., Virginia Polytechnic Institute and State University Theodore Gerald Ammon (1985) Associate Professor of Philosophy, Director of Writing Program B.A., Mississippi State University; M.A., Ph.D., Washington University B.S., Millsaps College; M.A., State University of New York at Stony Brook Sarah L. Armstrong (1985) Associate Professor of Biology B.A., University of Texas; M.A., University of California at Los Angeles; Ph.D., Duke University B.F.A., Birmingham-Southern College; M.F.A., Louisiana State University B.S., M.B.A., Southwest Missouri State University; Ph.D., University of Texas, Arlington B.S., Mississippi College; Ph.D., University of North Carolina George James Bey III (1990) Associate Professor of Sociology and Anthropology, Director of Ford Fellows Program B.A., University of New Mexico; M.A., Ph.D., Tulane University

Director of Academic Computing

Carl G. Brooking (1981) Selby and Richard McRae
Professor of Economics and Quantitative Management
B.S., Millsaps College; M.S., Ph.D., University of Pennsylvania
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B.M., Millsaps College; M.M., Westminster Choir College, Princeton
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Licence, Universite de Picardie, France; M.A., Ph.D. University of Iowa
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Frances Heidelberg Coker (1967) Associate Professor of Sociology
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David C. Davis (1988) Associate Professor of History,
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B.A., William Carey College; M.A., Baylor University; Ph.D., Northwestern University
George Harold Ezell (1967)
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Mississippi
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- - B.B.A., University of Mississippi; M.B.A, Loyola University of Chicago; D.B.A., University of Kentucky

- B.A., Rice University; M.A., Ph.D., University of Virginia
- - Director of Honors Program
 - B.A., Ph.D., University of Oklahoma
- **Robert W. McCarley** (1984) Assistant Professor of Computer Studies *B.A., Millsaps College; M.Ed., Mississippi State University*
- **Robert S. McElvaine** (1973) Elizabeth Chisholm Professor of History B.A., Rutgers University; M.A., Ph.D., State University of New York at Binghamton

Sarah Lea McGuire (1995)
B.A., Mississippi College; M.S., University of Southern Mississippi; Ph.D.,
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James Preston McKeown (1962)Professor of Biology
B.S., University of the South; A.M., University of Mississippi; Ph.D., Mississippi
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Georgia S. Miller (1987)
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of Mississippi
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Juin D. Sanusti um (1773)

B.S., M.L.S., University of Southern Mississippi

135 Renee Taylor Sandstrum (1987) Assistant Professor, Librarian B.A., University of South Alabama; M.L.S., University of Southern Mississippi Ruth Conard Schimmel (1990) Assistant Professor of Education B.A., Vanderbilt University; M.A., San Francisco State University; Ph.D., University of California at Berkeley Edward L. Schrader (1988) Associate Professor of Geology B.S., Millsaps College; M.S., University of Tennessee; Ph.D., Duke University Robert A. Shive, Jr. (1969) Professor of Mathematics and Computer Studies B.A., M.S., Southern Methodist University; Ph.D., Iowa State University Elise L. Smith (1988)...... Associate Professor of Art History B.A., Florida State University; M.A., Vanderbilt University; Ph.D., University of North Carolina B.A., Florida State University; M.A., Vanderbilt University; Ph.D., Duke University B.A., M.S. University of Mississippi Jonathan Mitchell Sweat (1958)...... Professor of Music B.S., M.S., The Juilliard School of Music; A.Mus.D., University of Michigan B.B.A., University of Mississippi; M.B.A., Ph.D., University of Alabama B.A., B.S., Blue Mountain College; M.S., Ph.D., Louisiana State University B.A., Honan Teacher's University, China; M.A., Ph.D., State University of New York at Stony Brook Marlys T. Vaughn (1979) Professor of Education B.S., M.Ed., Mississippi State University; Ph.D., University of Southern Mississippi A.B., University of Buffalo; Ph.D., Emory University Peter C. Ward (1988) Associate Professor of Business Law B.A., Amherst College; J.D., University of Pennsylvania Timothy Joseph Ward (1990)...... Associate Professor of Chemistry B.S., University of Florida; Ph.D., Texas Tech University B.S., M.B.A., University of Southern Mississippi Johnnie-Marie Whitfield (1988) Assistant Professor of Chemistry B.S., Millsaps College; Ph.D., Louisiana State University B.B.A., M.B.A., North Texas State University; Ph.D., University of Arkansas Darren D. Wick (1995) Assistant Professor of Mathematics

B.S., Purdue University; M.S. Utah State University; Ph.D., University of Oregon Leon Austin Wilson (1976) Associate Professor of English, A.B., Valdosta State College; M.A., University of Georgia; Ph.D., University of

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and Student Affairs Laura A. Taylor, B.S., C.P.S. (1994) To the Vice President/Enrollment Florence W. Hines, B.A. (1984) John Leach, B.B.A. (1991) Massociate Director of Admissions Kathleen M. Mitchell, B.A. (1992) Hope White, B.A. (1993) Susannah Grubbs, B.A. (1994) Admissions Counselor Susannah Grubbs, B.A. (1994)	

Martha Roberson, B.A. (1994)	
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Gary L. Fretwell, B.A., M.A. (1989)	
Campus Safety and Security	
Wayne H. Miller, B.S. (1980)	
Office of Student Aid Financial Planning	
Jack L. Woodward, A.B., B.D. (1961)	
College Computing	
Thomas E. Rast, A.B., M.B.A. (1995) Director of Computing and Communications Larry O. Horn (1981)	

Department of Athletics

Ron Jurney, B.A. (1993)	. Director of Athletics, Head Coach, Football
Gale Williams (1995)	Secretary to Director of Athletics
David Forsythe, B.S. (1988)	Coach, Men's and Women's Soccer
Cindy Hannon, B.S., M.S. (1990)	. Coach, Women's Basketball/Cross Country
Matt Mitchell, B.S.Ed., M.S. (1993)	Coach, Tennis
Jim Page, B.S. (1986)	Coach, Baseball
John Stroud, B.S., M.Ed. (1990)	Coach, Men's Basketball/Golf
Joe Don Samples, B.S., M.Ed. (1990)	Assistant Coach, Football
Shannon Carlson (1995)	Coach, Volleyball
Murry Burch, B.S. (1993)	Trainer
	Sports Information Director

Degrees Conferred for 1995

Bachelor of Arts

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	Homer Edward Barousse III Crowley, LA J. Patrick Barrett, Jr Jackson Adam Roy Berkenstock Germantown, TN	*	Laurie Marie Lefoldt Felicia Annette Lofton Mary McKay Long
*	J. Andrew Bingham Alliance, OH	#	Shelton McMain Lott
	Martha Barron Bishop Indianola Laura Paige Blanchard Baltimore, MD	#	Ellen Cates Luckett Amy Louise Manderson
**	Sarah Kathryn Bond Louisville		Allan Jefferson McDonald
**	Earlhagi Jay Bradley Franklinton, LA Priscilla Marie Brewer Jackson		Nicole Leigh Montecino David Vincent Morrow
**			Mary Margaret Nail
**	Rebecca Delle Brown	*	Yasuyuki Nakajima
**			Forrest Vanerson Nesbitt
	Kendal Murphy Cantrell Jackson		Louise Hager Parsons
***	James Clayton Cazier Raymond	**	Melanie Rene'e Peele
	James Allen Cheney III Lookout Mountain, GA	*	Katelyn Cardinell Poove
	Carolyn Joanne Clark Longview, TX Monique Susane Clark Tupelo		Erin Kathleen Quinn Martin Cary Risley III
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	Elizabeth O. Erwin Kenner, LA Roy Reese Fuller Pineville, LA		Mary-Martha Sloan Murry Kirt Smith
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	Alexander Frederick Guidry Jackson		Gretchen Powers Steen.
*	Lee Anne Hamilton Jackson		Martha Laurin Stennis
***	Laura Ann Hartness Kosciusko		Antony Brice Stokes
#	Ashley Elizabeth Hewitt Jackson		Elaine Grace Trotter
	Stephen Boatner Holder Jackson John Matthew Holloway Pontotoc	***	John Matthew Velkey John Thompson Wacasta
	Lisa Noriko Honn Long Beach	**	Alice Grace Waid
#	Paul Andrew Hough Mobile, AL	*	Kimberly Paige Wallace
	Shelley Rose Howell Jackson		Kenzie Geneva Walter
	Hugh Allen Johnson Germantown, TN		Jason Barham Ward
	Jerald Jermaine Jones Newton		Hollie Lynn Wessman
*	Isabel Koury Kalil		Laurel Louise Williamso
~	Susan Claire Kasperbauer Memphis, TN Steven Paul Keen		Kerry Dawn Wilson Ryan Michael Youngblo
	Susan Edith King Birmingham, AL		Kyan Michael Toungolo

*	Sara Elizabeth Laird Meridian
	Katherine Leigh Lambert Jackson
*	James Anthony Leduc Germantown, TN
	Jacinto Elnesto Contrell Lee Warner Robins, GA
*	Laurie Marie Lefoldt Jackson
	Felicia Annette Lofton Brandon
	Mary McKay Long Belzoni
#	Shelton McMain Lott Hattiesburg
	Ellen Cates Luckett Montgomery, AL
#	Amy Louise Manderson Orange Beach, AL
	Allan Jefferson McDonald, Jr Birmingham, AL
**	Nicole Leigh Montecino Jackson
**	David Vincent Morrow Cordova, TN
*	Mary Margaret Nail Senatobia
*	Yasuyuki Nakajima Tochigiken, JAPAN
	Forrest Vanerson Nesbitt Dallas, TX
	Louise Hager Parsons Birmingham, AL
**	Melanie Rene'e Peele Houston, TX
	Katelyn Cardinell Poovey Grenada
*	Erin Kathleen Quinn
*	Martin Cary Risley IIIMonroe, LA
#	Robert Lamar Rogers III Sikeston, MO
**	Bridgforth Rimes Rutledge Brandon
	Kimberly Elizabeth Sands Tunica
**	Allyson Elizabeth Shive Jackson
	Christine Sigman Memphis, TN
	Mary Keese Sims Daphne, AL
	Mary-Martha Sloan Lake Village, AR
	Murry Kirt SmithTupelo
#	Amarasri Songcharoen Madison
**	Sarah Helen Stanton Hattiesburg
	Gretchen Powers Steen Metairie, LA
	Martha Laurin Stennis Jackson
*	Antony Brice Stokes Collierville, TN
*	Elaine Grace Trotter Memphis, TN
***	John Matthew Velkey Jackson
	John Thompson Wacaster Meridian
**	Alice Grace Waid West Chester, PA
*	Kimberly Paige Wallace Greenville
#	Kenzie Geneva Walter Birmingham, AL
	Jason Barham Ward Munford, TN
	Hollie Lynn Wessman Carrollton
**	Laurel Louise Williamson Meridian
*	Kerry Dawn Wilson Germantown, TN
*	Ryan Michael Youngblood San Antonio, TX

Catherine Kelly Abney Birmingham, AL

** Andy Joseph Alfonso IIIGulfport

** Diane Wetherbee Carney Meridian

** Elizabeth Leigh Carter Prentiss

* Garrick Wayne Cason Ethel, LA

Bachelor of Business Adminstration

James Boyd Howell Mobile, AL

* Jennifer Jen Canton

** Derek Scott Dyess Kosciusko

* Millicent Cline Emmert Baton Rouge, LA

* Alison Leslie Flint Kosciusko

**	Andy Joseph Alfonso IIIGulfport	*	Jennifer Jen Canton					
*	Amy White Bagby Germantown, TN	*	Robert Wade Jernigan Doraville, GA					
*	Russell William Bagby Birmingham, AL	*	Laurie Leigh Lester Brookhaven					
	Jennifer Lee BealStarkville	#	Britton Hoover Maxwell III Pickens					
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	Mary Katherine Cole Jackson	#	John Meighan Mercer Birmingham, AL					
	James David Cook Meridian	*						
*	Melissa Ann Cooke Metairie, LA	**						
**		*	Christopher Matthew Nelson New Orleans, LA					
*	-		Anne Elizabeth Osborne Baton Rouge, LA					
	Adam Spencer Deane Brandon		Amanda Ann Palmer Madison					
*	Christopher Chadwick Duncan Vicksburg	***	Kenneth Patrick Powell Winona					
	John Ross Dyer Memphis, TN		Jennifer Leigh Reid Memphis, TN					
*	Charles Cayton Edwards Lexington		Natalie Henderson Scott Alexandria, LA					
	John Fredric Farrell, Jr	*	William Wyatt Simmons Meridian					
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	Russell Edward Hawkins, Jr Vicksburg	**	Suzanne Strong Willis Rolling Fork					
*	Homer Lamar Howard III		Suzulite Suong Willis Rolling I olk					
	Tioner Bank Troward III Glocivino							
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	Lena Wiley Barlow Madison		Gary LeBlanc Jackson					
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#	Vickie Denise Brown Jackson		Lou Ann Vinson McKibben Jackson					
	Vonda Walker Brown Clinton		Euvester Simpson Morris Jackson					
	James Boyd Campbell, Jr Jackson		Debra Taye Shurden Ridgeland					
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*	Alexa Caroline Gatling Jackson		Mary Margaret Berry Sneed					
*	Deborah Crane Hillman Walnut Grove		Eleanor Wilson					
#	Sharon Berry Holmberg Vicksburg							
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	Bachel	or of	Music					
**	Christy Nicole Jenkins Jackson	*	William Alex Martin Vadalia, LA					
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	D 11 00:							
	Bachelor of Science							
	John Bellmann Adams Atlanta, GA	#	Rogen K. Chhabra Jackson					
#	Rachel Elizabeth Allgood Brierfield, AL		James Lapeyre Connolly New Orleans, LA					
**	Vincent Bradley Atkinson		William Harris Crowder IV Grenada					
	Robert Joseph Austin		Stephen Lawrence Dalferes Harahan, LA					
**	Rosanna Puran Bahadur Greenwood		Nettie Nichole Davidson Jackson					
**								
	Alice Hizabeth Rlaylock Mamakia TNI	*	Brandie Inne Dean Chunlar					
*	Alice Elizabeth Blaylock Memphis, TN Martha Rana Brock Grenada		Brandie June Dean					

					143
	James Wilson Foster III Long	g Beach	*	Lea Elaine Pickard	Ocean Springs
*	Todd Edward Fountain	Vatchez		Mary Gardner Pitts	
*	Stephen Everett Greenleaf Deca	tur, AL	***	Lynn Marie Pohl	Greenville
*	Scott David Henderson		*	Kacy Gene Presley	
**	Jennifer Ann Honeycutt E	Brandon		Jennie Davis Pritchard	Selma, AL
*	Tammarah Dawn Hougland	Jackson	*	Cabot Jace Pugh	Vicksburg
*	R. Scott Johnson	Jackson	**	Douglas Edward Redman	Baton Rouge, LA
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	Michael Brian Kittrell	Pearl		Charles Douglas Robb	Dallas, TX
	Shravani Kota E	Brandon	**	Herbert Graham Rogers IV	
**	Melissa Gay Massey F	Brandon	*	Gabrielle Marie Sciortino	Metairie, LA
*	Paul Duncan McCluskey	Gulfport	*	Genevieve Linton Shepherd	San Antonio, TX
	Charles T. McEvoy New Orle	ans, LA	#	Brent Edward Sheppard	Ridgeland
#	April Dawn Meyers Lafaye	ette, LA	***	Carla DeAnn Shirley	Meridian
#	Michelle Denise Milam Shrever	ort, LA	*	Jenness Bergeron Simler	
*	Jonathan Houston Moore	l eridian	*	Adrian R. Smith	Baton Rouge, LA
*	Michael Chad Moore		*	Brandi Lynne Swann	
**	David Vincent MorrowCordo	ova, TN		John Bryant Sweeney	Brandon
*	Albert D. Mosley Sh	uqualak		Chinh Truong Van	Clinton
*	Anna Maria Mulvihill	Vatchez	***	John Matthew Velkey	Jackson
	Julie Elizabeth Myers Ocean	Springs	*	Jennifer Karen Vickery	
*	Beverly Carol Nall	Jackson	#	David James Waibel	Mobile, AL
*	Christopher Hederi Neyland N	1adison		Alyson Shawyne Welch	Union
**	Jeffrey Michael Niolet Long	g Beach		Wilfred Marvin Welch III	Jackson
	Brian McInnis Oberlies	Gulfport	***	Kimberly Anne Williams	Greenwood
*	Benjamin Ray Owen Memp		*	Matthew Dimmick Williams	Opelousas, LA
*	Francis Marion Phillippi IV	leridian 💮		Neal Andrew Zeber	Germantown, TN
	Ma	aster o	f Acc	counting	
	Kevin Alan Croft	Jackson		William Alonzo Morehead	Jackson
#	Kenneth John Goodwin, Jr.			Helen Mixon Simmons	
	Janell Jeter	Jackson	#	Roland Berry Wright, Jr	
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	Master of	Busin	ess A	Administration	
	Nathan Douglas BennVio	cksburg		James Omer Nelson II	
	Leslie Robinson Brawner N	1adison	#	James Edward Reames	Jackson
	Allison Stevens Coggin		#	Melanie Lynn Reynolds	Jackson
#	Stewart C. Culbreth	Jackson	#	Rod Alan Risley	Ridgeland
#	Thomas Douglas Dale, Jr	Jackson		Jonene Foster Sartin	
#	David Weldon Donnell Hatt	iesburg	#	Howard William Schmidt	Madison
	Richard M. Farquhar N		#	Carol E. H. Scott-Conner	Madison
	Debra Lynn Gillis	Jackson		Robert Allen Shive III	Dallas, TX
	Dwyer Joseph Griffin III E		#	Marisa Songcharoen	
#	Robert Kellis Hubbard III	Jackson		Joe F. Tidwell II	Madison
	Ann Adams Hughes E	Brandon		Wanda Lynn Tucker	
	Emily Jean JeeR			Benjamin Randolph Tutor	Brandon
	Jodi Paige Kemp	Jackson		Norman D. Wantland	
	William T. Kemp III	Jackson		Charles Raiford Watson	
	Julie Mae Koe-Tallent	cksburg		Forbes Watson	
#	Katharina Harma Maraar	Indicon	++	Anthony Do' Ivon Willie	Lockson

Katherine Harms Mercer Jackson

Joseph Howard Meredith Jackson

Christopher Frank Minshew Carthage

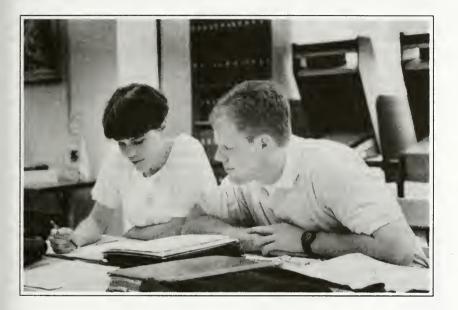
Anthony De'Juan Willis Jackson

Dudley Dewitt Wooley Ridgeland

Honorary Degrees

Charles Bertram Felder	Doctor of Divinity
Elizabeth Becker Henley	· · · · · · · · · · · · · · · · · · ·
Jeremiah Henry Holleman, Sr.	
William J. Raspberry	

Index



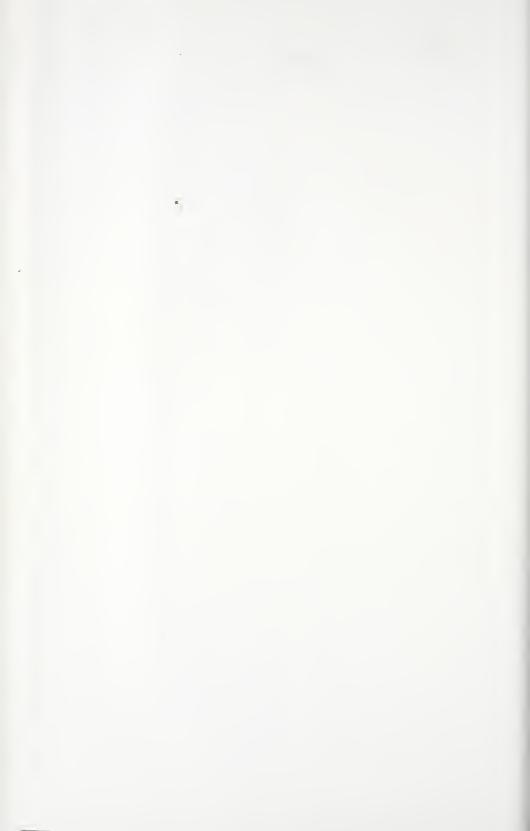
Index

Academic Program 66	Counseling Services
Accounting 122	Course Load 59
Accreditations 8	Course Numbers 66
Administrative Officers 130	Credit by Examination
Administrative Regulations 59	Credit/No Credit Option 57
Administrative Staff	Dean's List 58
Admission Requirements 11	Degree Requirements
Freshman Admission 11	Degrees Conferred 1995 141
Transfer Admission 12	Disciplinary Regulations
Part-time Admission 12	Divisions
Adult Degree Program Admission 12	Arts and Letters 67
Special Student Admission	Sciences
International Student Admission 13	Drama
Adult Degree Program 52	Economics
Advanced Placement	Education
Alcoholic Beverages	Else School of Management
American Assembly of	English
Collegiate Schools of Business 9	European Studies
American Chemical Society9	Expulsion, Disciplinary
Anthropology 111	Faculty
Application for a Degree	Fees
Art	Comprehensive
Art History	Special
Athletics	Finance 123
Awards	Financial Regulations
Bachelor of Arts Degree	Payments
Bachelor of Business	Refunds
Administration Degree 43, 117	Financial Aid
Bachelor of Liberal Studies Degree 43	Fine Arts Requirement
Bachelor of Science Degree 42	Fraternities
Beta Gamma Sigma	French
Biology	Geology
Board of Trustees	German
Buildings and Grounds	Grade Point Index
Business Administration	Grades
	Graduate Programs
Calendar	Master of Accountancy 53, 119
Campus Ministry	Master of Accountancy
Career Center	Master of Liberal Studies
Chaplain	Graduation 57
Chemistry	Residence Requirement
Christian Education	With Distinction
Class Standing	With Honors 57
Class Attendance 60	Greek
Classical Studies 69	Health Services 15
Community Enrichment	Heritage Program
Comprehensive Examinations	History
Computer Studies	History of the College
Computing Facilities	Honor Code
Cooperative Programs	Honor Societies
Business Administration	Honors Program
Engineering and Applied Science 47	Housing
Military Science	Illegal Substances 62
Core Requirements for All Degrees 40	Information, General
Core requirements for All Degrees 40	imorniadoli, Octiciai 0

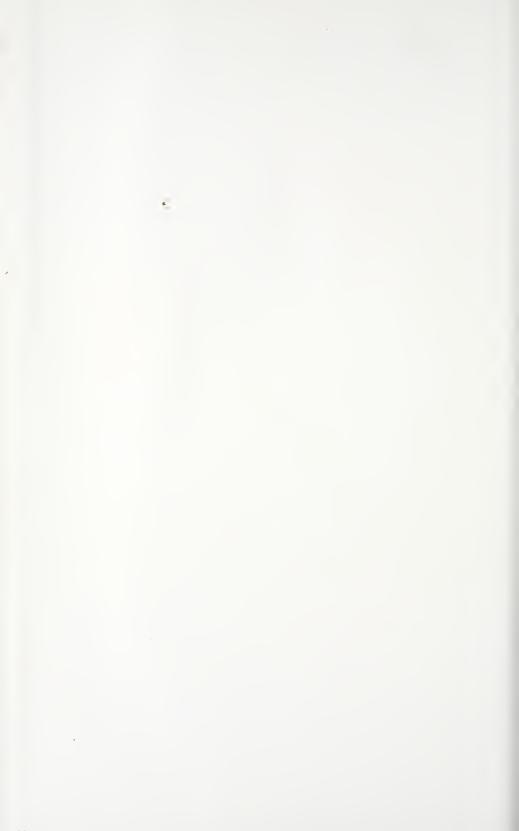
Intercollegiate Athletics	Refunds	
Interdisciplinary Courses 115	Religious Studies	87
Interdisciplinary Programs 114	Repeat Courses	57
International Student Admission	Requirements for Degrees	40
Intramural Sports	Additional Requirements for	
Language Requirement	Bachelor of Arts	42
Latin 71	Bachelor of Business	
Leadership Seminars	Administration	43
in the Humanities	Bachelor of Liberal Studies	43
Leaves of Absence	Bachelor of Science	42
Library9	Reservation Deposits	
Loan Funds24	Residence Halls	14
Majors 43	Residence Requirements 15,	
Management	Scholarships	
Marketing 124	School of Management 1	
Master of Accountancy 53, 119	Second Degree	
Master of Business	Senior Exemptions	
Administration 53	Sociology 1	
Master of Liberal Studies	Sororities	
Mathematics	Southern Association	57
Meal Plan	of Colleges and Schools	8
Medical Services	Spanish	. ሀ ጸ1
Minors	Special Programs	5N
Modern Languages	Ford Fellows Program	
Multi-Disciplinary Topics Courses 41	Honors Program	
Music 82	Internships	
Music and Drama	Study Abroad	וכ
Millsaps Players	Central Europe Semester	50
Millsaps Singers	Summer Program in Costa Rica	20 50
Organizations, Student	Summer Program in Europe	
Orientation and Advisement	Other Programs	
	Washington Semester	90 31
Phi Beta Kappa	Speech	
Philosophy	Sports	
Physics	Student Behavior	
Political Science	Student Body Association	
Pre-Dental	Student Loans	
Pre-Law	Student Records	10
Pre-Medical	Student Status	
Pre-Ministerial	Studio Art	5/
Pre-Social Work46	Suspension	
Privacy Act16	Academic	
Probation	Disciplinary	53
Academic	Teacher Certification	83
Disciplinary	Teacher Education, National Council	_
Social63	for the Accreditation of	
Psychology	Teacher Education Program	
Public Events	Theatre	39
Publications	Transfer Admission	
Bobashela29	Tuition and Fees	
Purple and White29	United Methodist Church	
Stylus	Unsatisfactory Academic Progress 6	
Purpose of the College	Withdrawal	59
Quantitative Management 125	Women's Studies 11	
Re-admission	Writing Requirement	12
Recreation29		

Notes









CALENDAR 1996

		APRIL								JULY								OCTOBER									
s	М	Т	W	Т	F	s	s	М	т	W	Т	F	S	s	М	Т	W	Т	F	s	s	М	Т	w	Т	F	s
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16	17	18	19	20	21	22	18	19	20	21	22	23	24	17	18	19	20	21	22	23	16	17	18	19	20	21	22		
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