

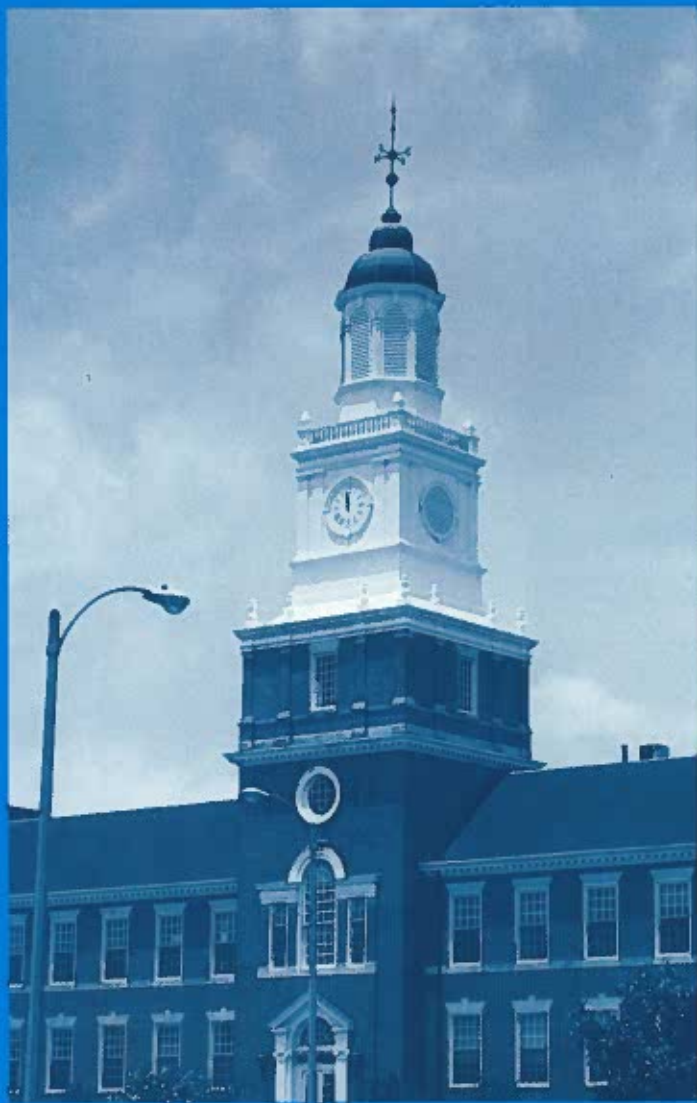
RUST COLLEGE

General Catalog

2000-2004

A Legacy . . .

Experience over 130 years of history, achievements and outstanding strides in education. Rust College molds students to make their dreams possible and shapes them for a world where possibilities become reality.



"A New Era: In Quest of Excellence"

A Liberal Arts College Serving Youth Since 1866

RUST: An innovative
College working with
people in preparing
for change.

ACCREDITED BY:

Rust College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Associate and Bachelor degrees. The address for the Southern Association of Colleges and Schools, Commission on Colleges is 1866 Southern Lane, Decatur, Georgia 30033-4097 and the phone number is (404) 679-4501. The email address is sacscoc.org.

RUST COLLEGE
Holly Springs, Mississippi
GENERAL CATALOG, 2000-2004

ACCREDITED BY:

RUST COLLEGE is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Bachelor of Arts and Bachelor of Science degrees and the Associate of Science degree.

Mississippi State Department of Education
University Senate of the United Methodist Church

MEMBERSHIP IN:

Association of Collegiate Business Schools and Programs
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Holly Springs Chamber of Commerce
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Council of Independent Colleges
Council of Advancement and Support of Education
Mississippi Association of Colleges
Mississippi Association of Independent Colleges
National Association of Schools and Colleges of the United Methodist Church
National Association of College Deans, Registrars and Admissions Officers
National Association of College and University Business Officers
National Association of Independent Colleges and Universities
National Business Education Association
National Collegiate Athletic Association
National Association of Collegiate Directors of Athletics
Private Colleges of Education in Mississippi
Southern Association for College Student Affairs
Southern Association of College and University Business Officers
Southern Association of Colleges and Schools
Southeastern Library Network, Inc.
Southwest Association of Student Personnel and Administrators
United Negro College Fund

APPROVED FOR THE EDUCATION OF:

Veterans
International Students

**RUST COLLEGE IS A CO-EDUCATIONAL
SENIOR LIBERAL ARTS COLLEGE WITH INNOVATIVE PROGRAMS**

GREETINGS FROM THE PRESIDENT



Dear Students and Prospective Students:

This edition of the Rust College Catalog, 2000-2004, has been carefully prepared for the presentation of our mission, our academic program, and the rules and regulations which govern our academic program. Rust is committed to developing the entire student, in a church-related environment, with all of our programs geared toward preparing leaders for the future.

We welcome you to this historic institution of higher education, with more than 130 years of quality service to our church and nation. This catalog serves as the contractual commitment between the institution and the student.

Each student admitted to Rust is encouraged to take full advantage of the academic programs and services provided in order to obtain a well-rounded education. I look forward to greeting and working with you as we continue our quest for "excellence" at Rust College. Rust College salutes each student for choosing education as the key to preparing leaders for tomorrow.

Sincerely,

David L. Beckley
President

DIRECTORY OF CORRESPONDENCE

For Information on:

Write or Call

Alumni Affairs	Director of Alumni Affairs (Ext. 4915)
Admission Requirements	Director of Enrollment Services (Ext. 4065/4058)
Degree Requirements	Academic Dean, (Ext. 4050/4053) Chairpersons of the Divisions or Registrar (Ext. 4056)
Entrance Exams	Director of Counseling (Ext. 4081)
Financial Assistance	Director of Financial Aid (Ext. 4061/4062)
Gifts/Donations to the College	Director of Development (Ext. 4014) President (Ext. 4017)
Publications, Information & Campus Tours	Director of Public Relations (Ext. 4911/4912/4917)
Registration/Transcripts Registrar	(Ext. 4056/4057)
Student Housing	Dean of Students (Ext. 4074/4075)
Summer School	Academic Dean (Ext. 4050/4053)
Veteran's Education	Coordinator of Veteran Affairs (Ext. 4052)
Address:	Rust College 150 Rust Avenue Holly Springs, Mississippi 38635
Phone:	(662) 252-8000, or 252-4661
FAX:	(662) 252-6107

CIVIL RIGHTS ACT OF 1964

In December, 1964, Rust College signed the Assurance of Compliance agreement of the Department of Health, Education and Welfare, Title VI of the Civil Rights Act of 1964. Consistent with this agreement, it is the policy of the College to make available its teaching, research, and service programs and its facilities to every qualified person regardless of race, color, creed, or national origin. Rust College is also an equal opportunity employer.

CATALOG PROVISIONS

The provisions of this catalog are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision or requirement at any time within the student's terms of residence. The College further reserves the right to ask him or her to withdraw at any time for adequate cause in the best interest of the institution.



CINDRICKA LAJANE ARRINGTON
MISS RUST 1999-2000

TABLE OF CONTENTS

	PAGE
Greetings from the President	3
Directory of Correspondence	4
Catalog Provisions	5
College Calendar for 2000-01; 2001-02; 2002-03; 2003-04	9

PART ONE: GENERAL INFORMATION

I. INTRODUCTION TO THE COLLEGE

Mission Statement	12
Philosophy and Purpose	12
Historical Background	13
Significant Dates	14
Presidents of Rust College	15
Map	16
Location	16
Campus and the Buildings	17

II. ACADEMICS

Academic Programs and Degrees	20
Academic Calendar	20
Admission Requirements	20
Requirements for Admission as a Freshman	21
Admission Procedures	21
Rust College Deferred Credit Program	22
Admission of Transfer Students	23
Admission of Foreign Students	24
Admission of Veterans	24
Readmission Requirements and Procedures	24
Advanced Standing	24
Academic Regulations	24
Graduation Requirements	26
Credit by Examination	27
Academic Honors and Awards	28
Academic Probation Dismissal for Poor Scholarship	29
Satisfactory Progress for Student Financial Aid	30
Appeal Procedures Relating to Unsatisfactory Progress	31
Classification of Students/Good Standing	31
Class Attendance and Absences	32
Grading System	32
Policy on Academic Dishonesty	33
Independent Study	33
Examinations and Grade Reports	34
Student Appeal of Final Course Grade	35
Student Records	35
a) Retention and Records Disposal	35
b) Directory Information	35

Schedule of Expenses	36
Special Financial Arrangements	38
Refund Policy	38
Summer Session (Schedule of Expenses)	39

III. AREA OF STUDENT AFFAIRS

Financial Assistance	41
Change of Address and/or Name	52
Automobiles on Campus	52
Campus Security	52
Handicapped Student Services	52
College Health Service	52
Residential Living	53
Cultural Life Student Activities	53
Religious Life	53
Athletics and Intramural	53
Student Organizations	54

IV. ACADEMIC SUPPORT SERVICES AND RELATED PROGRAMS

Student Support Services	55
Career Development Center	55
Academic Counseling Program	56
Academic and Concept Enrichment Programs (AEP/CEP)	56
College Choir	57
College Band	57
Leontyne Price Library	57
Radio/TV Station	58
College and Student Publications	58

V. SPECIAL PROGRAMS

Week-End Program	60
Evening Program	60
Adult Pathway Program	61
Study Abroad Program	61
Student Internship Program	61
Learning Resource Centers	63

PART TWO: THE CURRICULUM

I. THE CURRICULUM

Organization of the Curriculum	65
Key to Course Numbers	65
Course Abbreviations Used	66
General Education Requirements	67
A Suggested Sequence for General Education Courses	68

II. THE FRESHMAN YEAR EXPERIENCE

Required Program for Freshmen	69
-------------------------------------	----

III.	DIVISION OF BUSINESS	
	Business Administration	78
	Business Administration (Associate of Science)	82
	Business Education	85
IV.	DIVISION OF EDUCATION	
	Admission, Curriculum and Completion Requirements	86
	Elementary Education	91
	Child Care Management	94
	Early Childhood (Associate Degree Program)	95
	Secondary Education	100
V.	DIVISION OF HUMANITIES	
	English/Liberal Arts	103
	English Education	104
	Mass Communication/Broadcast Journalism	113
	Mass Communication/Print Journalism	115
	Music	118
VI.	DIVISION OF SCIENCE AND MATHEMATICS	
	Biology	128
	Chemistry	136
	Computer Science	142
	Mathematics	147
	General Science Education	151
	Mathematics Education	152
	Pre-Professional Programs	158
	Cooperative Degree Program	127
	Dual Degree Programs	157
VII.	DIVISION OF SOCIAL SCIENCES	
	Sociology	172
	Social Work	175
	Political Science (Pre-Law)	168
	Health and Leisure Management	179
	Social Science & Social Science Education	183

PART THREE: THE REGISTRY

I.	THE REGISTRY	
	Rust College Trustees	187
	Rust College Associates	188
	The President's Executive Council	189
	The President's Cabinet	190
	Their Assistants	190
	Members of the Faculty	194
	Emeriti and Retirees	197
	Who's Who Among Students in American Universities and Colleges	199
	Degrees Conferred	200

INDEX

COLLEGE CALENDAR

FOR 2000-01, 2001-02, 2002-03, AND 2003-04

Dormitories open for Freshmen
 Parents Day
 Freshman Faculty Report to Work
 Freshman Orientation Week
 Testing and Assessment
 Registration for Freshmen
 Freshmen Classes Begin
 Pre-Planning Conference (Faculty/Staff)
 Dormitories open for Upperclassmen
 Registration for Upperclassmen

FIRST MODULE

Classes Begin
 Late Registration With Fines Begin
 Last Day to Alter Classes
 Labor Day
 Opening Convocation
 Last Day to Drop Course (1st Module)
 E. A. & Milverta G. Smith Endowed Alumni Lecture/Artist Series

Final Exams (1st Module)

SECOND MODULE

Classes Begin
 Last day to alter classes
 Last Day to Remove "I" Grade of Previous Semester
 Board of Trustees Meeting
 Founders Day Weekend
 Academic Counseling and Early Registration Week
 Last Day to Drop Course (2nd Module)
 Thanksgiving Break Begins at Noon
 Classes Resume After Thanksgiving
 Last Day to Apply for Spring Graduation
 Christmas Dinner (all campus)
 Final Exams (2nd Module)
 Christmas Vacation Begins for Students After Finals
 Dormitories Close
 Christmas Vacation Begins for Faculty After Grades Reported

Dormitories Open

THIRD MODULE

Registration
 Classes Begin
 Late Registration with Fines
 Last Day to Alter Classes
 Exec. Comm., Board of Trustees
 Martin Luther King Day
 Last Day to Drop Course (3rd Module)
 Final Exams (3rd Module)

FOURTH MODULE

Classes Begin
 Religious Emphasis Week
 Last Day to Alter Classes
 Spring Break Begins After Last Class on
 Last Day to Remove "I" Grade of Previous Semester
 Classes Resume, 8:00 a.m.
 Last Day to Drop Course
 Academic Counseling and Early Registration
 SGA Scholarship Banquet
 Athletics Award Day
 Easter Holiday After Last Class on
 Classes Resume
 Academic Honors & Awards Day
 Senior Exams
 Final Exams (4th Module)
 Senior Service of Blessing
 Board of Trustees Meeting
 Alumni Day
 Senior Consecration Service
 Commencement, 2:00 p.m.
 Dormitories Close 6:00 p.m.
 Final Grades Due
SUMMER SCHOOL
 Registration
 Final Exams

1st Semester 2000-01

Aug. 12
 Aug. 13
 Aug. 14
 Aug. 14-18
 Aug. 14-15
 Aug. 16
 Aug. 17
 Aug. 17-18
 Aug. 20
 Aug. 21-22
 Aug. 21-Oct. 20
 Aug. 23
 Aug. 23
 Aug. 28
 Sept. 4
 Sept. 14
 Sept. 15

Oct. 12-13
 Oct. 19-20
 Oct. 23-Dec. 15
 Oct. 23
 Oct. 26
 Nov. 3
 Nov. 10-11
 Nov. 10-12
 Nov. 13-17
 Nov. 17
 Nov. 22
 Nov. 27
 Dec. 1
 Dec. 13
 Dec. 14-15
 Dec. 15
 Dec. 16
 Dec. 18

1st Semester 2001-02

Aug. 11
 Aug. 12
 Aug. 13
 Aug. 13-17
 Aug. 13-14
 Aug. 15
 Aug. 16
 Aug. 16-17
 Aug. 19
 Aug. 20-21
 Aug. 20-Oct. 19
 Aug. 22
 Aug. 22
 Aug. 27
 Sept. 3
 Sept. 6
 Sept. 14

Oct. 11-12
 Oct. 18-19
 Oct. 22-Dec. 14
 Oct. 22
 Oct. 25
 Nov. 2
 Nov. 9-10
 Nov. 9-11
 Nov. 12-16
 Nov. 16
 Nov. 21
 Nov. 26
 Dec. 7
 Dec. 12
 Dec. 13-14
 Dec. 14
 Dec. 15
 Dec. 17

2nd Semester 2000-01

Jan. 1
 Jan. 2-Mar. 2
 Jan. 2-3
 Jan. 4
 Jan. 4
 Jan. 9
 Jan. 20
 Jan. 15
 Jan. 26
 Mar. 1-2
 Mar. 5-Apr. 27
 Mar. 5
 Mar. 5-8
 Mar. 8
 Mar. 13
 Mar. 16
 Mar. 19
 Mar. 23
 Mar. 26-30
 Apr. 6
 Apr. 10
 Apr. 12
 Apr. 16
 Apr. 17
 Apr. 18
 Apr. 26-27
 Apr. 27
 Apr. 27-28
 Apr. 28
 Apr. 28
 Apr. 29
 Apr. 29
 Apr. 30
 May 1-31
 May 1
 May 31

2nd Semester 2001-02

Jan. 2
 Jan. 3-Feb. 28
 Jan. 3-4
 Jan. 7
 Jan. 7
 Jan. 10
 Jan. 12
 Jan. 15
 Jan. 26
 Mar. 1-2
 Mar. 4-Apr. 26
 Mar. 4
 Mar. 4-7
 Mar. 7
 Mar. 12
 Mar. 15
 Mar. 18
 Mar. 22
 Mar. 25-29
 Apr. 6
 Apr. 9
 Mar. 28
 Apr. 1
 Apr. 11
 Apr. 18
 Apr. 25-26
 Apr. 26
 Apr. 26-27
 Apr. 27
 Apr. 27
 Apr. 28
 Apr. 28
 Apr. 28
 Apr. 29
 Apr. 30-May 31
 Apr. 30
 May 31

Dormitories open for Freshmen
 Parents Day
 Freshman Faculty Report to Work
 Freshman Orientation Week
 Testing and Assessment
 Registration for Freshmen
 Classes for Freshmen Begin
 Pre-Planning Conference (Faculty/Staff)
 Dormitories open for Upperclassmen
 Registration for Upperclassmen
FIRST MODULE
 Classes Begin
 Late Registration With Fines Begins
 Last Day to Alter Classes
 Labor Day
 Opening Convocation
 Last Day to Drop Course (1st Module)
 E. A. & Milverta G. Smith Endowed Alumni Lecture/Artist Series

Final Exams (1st Module)

SECOND MODULE

Classes Begin
 Last Day to Remove "I" Grade of Previous Semester
 Board of Trustees Meeting
 Founders Day Weekend
 Last Day to Drop Course (2nd Module)
 Academic Counseling and Early Registration Week
 Thanksgiving Break Begins at Noon
 Classes Resume After Thanksgiving
 Last Day to Apply for Spring Graduation
 Christmas Dinner (all campus)
 Final Exams (2nd Module)
 Christmas Vacation Begins for Students After Finals
 Dormitories Close
 Christmas Vacation Begins for Faculty After Grades Reported

Dormitories Open

THIRD MODULE

Registration
 Classes Begin
 Late Registration with Fines
 Last Day to Alter Classes
 Exec. Comm., Board of Trustees
 Martin Luther King Day
 Last Day to Drop Course (3rd Module)
 Final Exams (3rd Module)

FOURTH MODULE

Classes Begin
 Religious Emphasis Week
 Last Day to Alter Classes
 Last Day to Remove "I" Grade of Previous Semester
 Academic Counseling and Early Registration
 Spring Break Begins after Last Class
 Classes Resume, 8:00 a.m.
 Last Day to Drop Course
 SGA Scholarship Banquet
 Athletics Award Day
 Academic Honors & Awards Day
 Senior Exams
 Easter Holiday Begins After Last Class on
 Classes Resume, 8:00 a.m.
 Final Exams (4th Module)
 Board of Trustees Meeting
 Seniors Service of Blessing
 Alumni Day
 Senior Consecration Service
 Commencement, 2:00 p.m.
 Dormitories Close 6:00 p.m.
 Final Grades Due
SUMMER SCHOOL
 Registration
 Final Exams

1st Semester 2002-03

Aug. 10
 Aug. 11
 Aug. 12
 Aug. 12-16
 Aug. 12-13
 Aug. 14
 Aug. 15
 Aug. 15-16
 Aug. 18
 Aug. 19-20
 Aug. 19-Oct. 18
 Aug. 21
 Aug. 21
 Aug. 26
 Sept. 2
 Sept. 12
 Sept. 13

Oct. 10-11
 Oct. 17-18
 Oct. 21-Dec. 17
 Oct. 21
 Nov. 1
 Nov. 8-9
 Nov. 8-10
 Nov. 15
 Nov. 18-22
 Nov. 27
 Dec. 2
 Dec. 6
 Dec. 11
 Dec. 16-17
 Dec. 17
 Dec. 18
 Dec. 18

1st Semester 2003-04

Aug. 9
 Aug. 10
 Aug. 11
 Aug. 11-15
 Aug. 11-12
 Aug. 13
 Aug. 14
 Aug. 14-15
 Aug. 17
 Aug. 18-19
 Aug. 18-Oct. 17
 Aug. 20
 Aug. 20
 Aug. 25
 Sept. 1
 Sept. 11
 Sept. 12

Oct. 9-10
 Oct. 16-17
 Oct. 20-Dec. 16
 Oct. 20
 Nov. 7
 Nov. 7-8
 Nov. 7-9
 Nov. 14
 Nov. 17-21
 Nov. 26
 Dec. 1
 Dec. 5
 Dec. 10
 Dec. 15-16
 Dec. 16
 Dec. 17
 Dec. 18

2nd Semester 2002-03

Jan. 1
 Jan. 2-Feb. 28
 Jan. 2-3
 Jan. 6
 Jan. 6
 Jan. 9
 Jan. 11
 Jan. 15
 Jan. 24
 Feb. 27-28
 Mar. 3-Apr. 25
 Mar. 3
 Mar. 3-6
 Mar. 6
 Mar. 21
 Mar. 24-28
 Mar. 11
 Mar. 17
 Mar. 28
 Apr. 4
 Apr. 8
 Apr. 10
 Apr. 15
 Apr. 17
 Apr. 21
 Apr. 24-25
 Apr. 25-26
 Apr. 25
 Apr. 26
 Apr. 26
 Apr. 27
 Apr. 27
 Apr. 28
 Apr. 29-May 30
 Apr. 29
 May 30

2nd Semester 2003-04

Jan. 2
 Jan. 5-Feb. 27
 Jan. 5-6
 Jan. 7
 Jan. 7
 Jan. 12
 Jan. 10
 Jan. 15
 Jan. 23
 Feb. 26-27
 Mar. 1-Apr. 23
 Mar. 1
 Mar. 1-4
 Mar. 4
 Mar. 19
 Mar. 22-26
 Mar. 9
 Mar. 15
 Mar. 26
 Apr. 2
 Apr. 6
 Apr. 15
 Apr. 14
 Apr. 17
 Apr. 21
 Apr. 22-23
 Apr. 23-24
 Apr. 23
 Apr. 24
 Apr. 24
 Apr. 25
 Apr. 25
 Apr. 26
 Apr. 27-May 28
 Apr. 27
 May 28

One School is better than another proportionally as its system touches more pressing needs of the people it aims to serve, and provides more speedily and satisfactorily the elements that bring them honorable and enduring success in the struggle for life.

Booker T. Washington



A view of the beautiful and historic campus of Rust College

GENERAL INFORMATION

RUST COLLEGE'S MISSION STATEMENT

RUST COLLEGE is a historically Black, senior liberal arts college founded in 1866 by the Freedman's Aid Society of the United Methodist Church. The College is related to the United Methodist Church, and dedicated to serve students with a variety of academic preparations, through instruction in the humanities, social and behavioral sciences, natural science, business and education. Rust College recognizes the three-fold functions of education as being teaching, research and community service. Its primary mission however, is teaching. It offers a well rounded program designed to acquaint students with cultural, moral, and spiritual values, both in theory and in practice. Rust College provides an opportunity for education to all, regardless of race, religion, sex, national origin or ethnic background.

PHILOSOPHY AND PURPOSE

In the early history of Rust College, its first president, the Reverend A.C. McDonald, stated the purpose of Rust College as follows:

It is our aim to not do hot-house work, seeking to hurry students through a college curriculum, as do many mushroom schools in the South, sending them into the battle of life only to disgrace themselves and bring reproach upon the cause of education at large, but take the by far more difficult and tedious plan of trying to lay well a foundation for a broad, thorough, and practical education, such as shall fit our pupils for long lives of usefulness to themselves, their race, and the church.

President McDonald gave the criterion for testing this purpose: "By Their Fruits Ye Shall Know Them," which is the motto of Rust College, and a good criterion for its purpose. While the elements of the purpose as originally stated by President McDonald remain in essence, the scope and expression of the purpose have expanded and must be expressed in terms of complexities and demands of education in a more complex and sophisticated society.

Listed below are some of the major academic goals that serve as guidelines for Rust College programs. (From the latest Five-Year Plan)

1. To focus on teaching, research and community service with teaching as the main emphasis.
2. For each division to design a specific *point of distinction* for which it is noted on and off campus. Specified personnel and programmatic emphasis should be placed on this point of distinction with will determine how the division "is known."

3. To have a specific number of graduates that attend professional and/or graduate schools and a number who immediately enter the job market in each academic division.
4. To demonstrate competencies in areas via standardized examinations. This is to be reflected by progressively increased scores on standardized exams taken by our students.
5. For each division to have a standard method for measuring competence that reinforce and compliment grades received by students in the classroom.

Students with varied academic achievement, cultural backgrounds and socioeconomic status attend Rust College. The college has, therefore, the responsibility to provide educational experiences which will provide challenge to the gifted and will also offer adequate opportunities for the under-achiever to make up his or her academic deficiencies and to benefit from a college education.

Traditionally a liberal arts institution, Rust College provides programs for students to prepare for professional and graduate study, for community service, and for employment in various fields. The total environment and educational programs have been geared to provide orientation for community service, leadership, and human relations.

HISTORICAL BACKGROUND

RUST COLLEGE was established in 1866 by the Freedman's Aid Society of the Methodist Episcopal Church. Its founders were missionaries from the North who opened a school in Asbury Methodist Episcopal Church, accepting adults of all ages, as well as children, for instruction in elementary subjects. A year later the first building on the present campus was erected.

In 1870, the school was chartered as Shaw University, honoring the Reverend S.O. Shaw, who made a gift of \$10,000 to the new institution. In 1892, the name was changed to Rust University to avoid confusion with another Shaw University. The name was a tribute to Richard S. Rust of Cincinnati, Ohio, Secretary of the Freedman's Aid Society. In 1915, the title was changed to the more realistic name, Rust College.

As students progressed, high school and college courses were added to the curriculum, and in 1878 two students were graduated from the college department. As public schools for Negroes became more widespread the need for private schools decreased, and in 1930 the grade school was discontinued. The high school continued to function until 1953.

A significant change in the administration of the institution took place in 1920 when Dr. M.S. Damage became president, the first Negro to hold that position. Dr. L. M. McCoy, his successor, was the first alumnus to serve his Alma Mater as president. He was followed in 1957 by Dr. Earnest A. Smith,

an alumnus, class of 1937. In 1967, Dr. William A. McMillan, a non-alumnus assumed the presidency. In 1993, Dr. David L. Beckley, an alumnus, class of 1967, became the eleventh president of Rust College.

Among approximately 20,000 former students of Rust College, many completed only their elementary or secondary education. However, more than 5,500 have graduated from the college department. Among these alumni are bishops of the United Methodist Church and other Church denominations, public school teachers and administrators, college presidents, lawyers, physicians, businessmen, government leaders and ministers.

SIGNIFICANT DATES

- 1866 Shaw School established in Asbury Methodist Episcopal Church with Dr. A.C. McDonald as the first President.
- 1867 Erection of the first building (McDonald Hall) on the present campus.
- 1868 Institution chartered as Shaw University by the State of Mississippi.
- 1870 The State of Mississippi authorized Rust College to award degrees May 26.
- 1882 The name of the institution was changed from Shaw University to Rust University.
- 1884 EL Rust Home established by the Women's Homes Missionary Society.
- 1892 The name of the institution was changed from Shaw University to Rust University.
- 1914 The institution comes under the auspices of the Board of Education of the Methodist Episcopal Church.
- 1915 The name of the institution changed from Rust University to Rust College.
- 1920 Dr. M.S. Davage becomes the first Black President of the institution.
- 1924 The McCoy Era begins with Dr. L. M. McCoy who served with distinction for 33 years (1924-1957).
- 1930 The Elementary School discontinued.
- 1940 A major disaster (Rust Hall burned). This five-story building housed the administrative office, the library, commercial department, dormitories for men and women, dining hall, music department, auditorium, classrooms for college courses, and gymnasium.
- 1953 The high school department discontinued.
- 1957 A New Era begins with the ninth President Dr. Earnest A. Smith (1957-1967).
- 1960 Erection of President's Shrine representing nine (9) college presidents.
- 1966 Institute for Community Services (ICS) Head start established.
- 1967 The Upward Thrust Campaign begins with the tenth President, Dr. W.A. Macmillan (1967-1993).
- 1967 New Freshman Studies Program instituted.

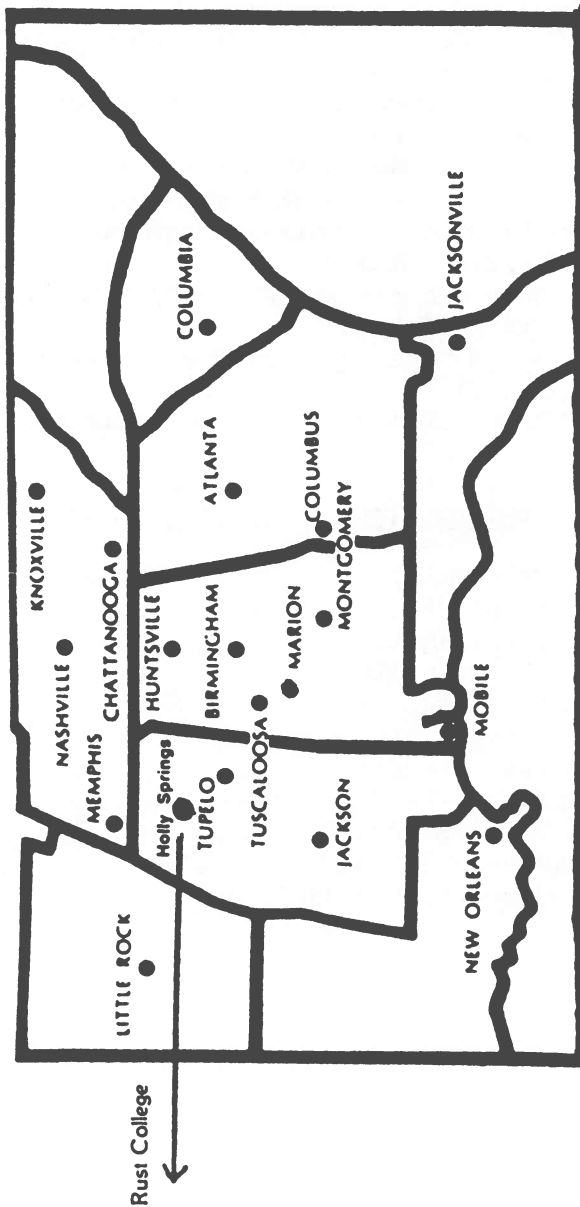
- 1970 Erection of six new modern brick three-bedroom faculty houses, Damage-Smith dormitory, which houses 170 male students.
- 1970 New Physical Plant Building completed.
- 1970 The official name of the College changed by charter from Rust "University" to Rust "College."
- 1970 Rust College was accredited by the Southern Association of Colleges and Schools.
- 1974 Modular scheduling program instituted.
- 1974 Rust College Accreditation reaffirmed by the Southern Association of Colleges and Schools.
- 1984 Rust College Accreditation reaffirmed by the Southern Association of Colleges and Schools.
- 1992 Erection of Post Office/Student Washerette
- 1992 Ervin "Magic" Johnson Sports Arena completed.
- 1993 "A New Era: In Quest of Excellence" begins with the eleventh President, Dr. David L. Beckley.
- 1994 Rust College Accreditation reaffirmed by the Southern Association of Colleges and Schools.
- 1995 Official Rust College Flag adopted (designed by Lynn Deon Henry, Class of 1998).
- 1996 World Peace Pole planted on campus. The first such pole in Mississippi.

PRESIDENTS OF RUST COLLEGE

Reverend A.C. McDonald	1866-1876
Reverend A.W. Hooper, D.D.	1876-1885
Reverend Charles E. Libby, D.D.	1885-1897
Reverend W.W. Foster, Jr. D.D.	1897-1909
Reverend James T. Dockings, Ph.D.	1909-1915
Reverend George Evans, D.D.	1915-1920
Professor Matthews S. Damage.....	1920-1924
Dr. Lee Marcus McCoy, B.A., M.A., Litt.D.	1924-1957
Dr. Earnest A. Smith, A.B., M.A., D.D.	1957-1967
Dr. William A. Macmillan, B.A., M.A., Ph.D., L.L.D.	1967-1993
Dr. David L. Beckley, B.A, M.Ed., Ph.D.	1993-

LOCATION

The College is located in the city of Holly Springs in the Northwestern part of Mississippi. Situated approximately 35 miles southeast of Memphis, Tennessee. The College is on Old U.S. Highway 78 which is now 178 and Mississippi Highway 7.



THE CAMPUS AND THE BUILDINGS

THE CAMPUS is situated on the northern part of the city, facing Rust Avenue, which connects Memphis Street on the west side and North Randolph on the east side. The area of the campus is approximately 126 acres.

OAKVIEW MANSION, (1905—remodeled in 1973 and 1994) formally the Infirmary and office spaces, Oakview was renovated to house female students in 1985. Beginning July 1, 1994 Oakview Mansion houses the offices of Public Relations, Alumni Affairs and the International Alumni Association's President's. Included in this facility are two guest bedrooms, a storage area, a conference room and several offices.

***McCOY BUILDING (1947)** a two-story colonial style building, houses the administrative offices. In 1971 an annex was added to the Administration Building.

THE SHAW HALL (1957), Old Cafeteria, renovated in 1990 houses Special Services, Talent Search, and the College Health Center. There is one handicapped equipped apartment located in this building, also.

THE PRESIDENT'S HOME (1958), renovated in 1993 is an attractive five bedroom bungalow located on the east side of the campus.

GROSS RESIDENCE HALL (1965) a two-story building that provides housing for 92 male students, with a comfortable lounge, a kitchen for serving at social events and an apartment for the residence counselor.

***McDONALD SCIENCE HALL (1965)**, is a two-story air conditioned brick building which houses physics, chemistry, and biology laboratories; two lecture rooms and several classrooms.; and faculty offices. In 1973 the Miller annex to the Science Building was completed.

WIFF RESIDENCE HALL (1965), for young ladies is the counterpart of Gross Hall and it houses 92 female students.

***DAMAGE-SMITH RESIDENCE HALL (1970)** houses approximately 276 male students. It is a two-story brick building with space for the resident director and an assistant. In 1976 the Living and Learning Center annex was added to this facility.

E. L. RUST RESIDENCE HALL (1970), is a two-story brick air-conditioned building which houses approximately 196 women students. The rooms have individual air-heating units, with built-in desks, drawer and closet space.

LEONTYNE PRICE LIBRARY (1970), a two-story modern facility, located at the center of the campus, directly behind the L. M. McCoy Administration Building. It was dedicated on December 4, 1969, in honor of the famous Metropolitan Opera Star, Miss Leontyne Price.

S. L. GRIFFIN WAREHOUSE & BOOKSTORE (1970), is an air-conditioned building which houses the bookstore, warehouse and print shop. This building was named in memory of Mr. S. L. Griffin who served for more than

30 years as buildings and grounds supervisor, football coach and athletic director.

DOXEY ALUMNI FINE ART-COMMUNICATION CENTER (1974), is a modern facility, with a 600 seat auditorium, ample space for faculty offices; recording studios; music, art and other disciplines in the Division of Humanities. The building is named in honor of Miss Natalie Doxey and all former students and graduates. The Chapel-Auditorium is named for Mr. Albert Morehouse of Humboldt, Iowa who left \$260,000 in his Will for the inclusion of a Chapel-Auditorium in this building.

HOWARD THURMAN CHAPEL AND CLASSROOM COMPLEX, remodeled in 1980 dedicated to the late Dr. Howard Thurman, the former Dean of Chapel at Boston University.

***McMILLAN MULTI-PURPOSE CENTER (1981)**, (Formerly Inter-Disciplinary Education Center, 1971) is a modern air conditioned building with a 2,500-seat gymnasium/auditorium, indoor swimming pool, faculty offices and classrooms. Added in 1973, was spacious annex with a snack bar and a recreation area with bowling alley, pool tables, and other indoor games.

R.A. AND RUTH M. BROWN MASS COMMUNICATION CENTER (1981), a two story brick, fully air-conditioned building, with banquet facilities; recording, television and radio studios; journalism facilities; three classrooms and faculty offices.

KATHY W. SMITH FACULTY/STAFF APARTMENT COMPLEX (1979) A twelve unit apartment complex built for faculty and staff use. This complex was named in memory of Miss Kathy W. Smith who worked in several capacities at Rust College from 1964 until her death in 1997.

EATON HALL (1983), is an air-conditioned frame building which houses married students. This building was named for the late Mrs. F.N. Eaton, a graduate and an teacher of economics at Rust for more than thirty years.

GRIFFIN RESIDENCE HALL (1985), is an air-conditioned frame building which houses faculty apartments. This building was named for the late Mrs. Carlean T. Griffin who was a graduate and life-long employee of Rust College.

MCCARTY/VARNELL BUSINESS, COMPUTER AND SOCIAL SCIENCE CENTER (1989), is a state of the art 44,000 square feet two story brick building with classroom space for the divisions of Social Science and Business and the computer laboratories. It also houses the James T. Heard Auditorium.

EMMA ELZY LIVING/LEARNING RESIDENCE HALL, was completed in March, 1991 and houses 200 female students. The modern two-story building houses a student lounge and a living/learning center.

JOHN H. DAVIS PLANT AND OPERATIONS BUILDING (1999) Houses the Area of Operations and Physical Plant. In addition to office space, the building provides space for a shop and specified work areas. This building was named in honor of Mr. John Harry Davis who served as plant director for 30 years (1967-1997).

COMMUNITY SERVICE CENTER (2000) is a one-story brick air-conditioned building designed for inter-relationships with the local community such as continuing education, entrepreneurial development, work readiness programs and meetings. The building is located directly across Rust Avenue from the campus. The CSC was constructed with the assistance of a grant from the U. S. Department of Housing and Urban Development.

JAMES A. ELAM CHAPEL (completed in 2000). A one-story brick structure with sanctuary seating for 250 people. Named in honor of donor James Andrew Elam of Cleveland, Ohio.

***Named for former Presidents**

ACADEMICS

ACADEMIC PROGRAMS AND DEGREES

Rust College offers academic programs leading to the Bachelor of Arts, Bachelor of Science, and Associate in Science degrees as listed below:

Associate of Science:	Early Childhood Education and Business Administration
Bachelor of Arts:	English/Journalism, English/Liberal Arts, Music, Sociology, Mass Communications/Print Journalism, Mass Communications/Broadcast Journalism, Social Work, and Political Science
Bachelor of Science:	Biology, Business Administration, Secondary Education, Chemistry, Computer Science, Elementary Education, Health and Leisure Management and Mathematics

THE ACADEMIC CALENDAR

THE RUST COLLEGE academic year is two semesters and one summer term. The semesters are divided into four eight- weeks modules, two modules during the first semester and two modules in the second semester. Summer school follows immediately after the second semester.

ADMISSION REQUIREMENTS

RUST COLLEGE invites applications for admission from students from all cultural, racial, religious, and ethnic groups, who meet the College's admission requirements. The College considers for admission those students whose educational goals, career objectives, and intellectual abilities match the institution's academic and non-academic programs. Students may send applications at any time during the year. Although admissions at the beginning of the academic year are encouraged, students who would like to begin their study at Rust College at the beginning of the second semester (January), or summer (April) may be considered for admission.

A student is admitted as a freshman when the admission requirements for freshman students are met. Students transferring from other colleges are classified according to the number of courses accepted as transfer credits. Any student who is not seeking a degree from Rust College will be classified as a special student. A graduate of Rust College or any other college who plans to do additional work for academic credit, but not for another degree, will be classified as special student. A student of another institution who plans

to conduct study at Rust College for a limited period (a semester or a summer) and to transfer the credits earned to the regularly enrolled College will be admitted as a visiting student.

REQUIREMENTS FOR ADMISSION AS A FRESHMAN

The minimum requirements for admission to the College as a freshman student with regular status are as follows:

1. Satisfactory completion of the work of a high school approved by a state and/or regional accrediting agency, or its equivalent as expressed through scores on the General Education Development (GED) Test. The student's high school transcript must include the following minimum distribution of units and a grade point average of "C" or better.

English	4 units
Social Studies	3 units
Mathematics	3 units
Natural Sciences	3 units
Electives	6 units
Total	19 units
2. Two letters of recommendation, one of which must come from the Principal or the Counselor of the high school from which the student graduated. In the case of a student seeking admission based on the GED test scores, both recommendation letters must come from persons who are qualified to certify the student's ability to benefit from a College education.
3. A medical report from a licensed physician on the form prescribed by the College.

ADMISSION PROCEDURES

In order to be assured of consideration for admission, the student should submit the following at least one month prior to the date of registration:

1. A completed application for admission.
2. A \$10.00 non-refundable application fee.
3. An official transcript from the high school and/or college attended.
4. A pre-entrance medical report on the prescribed form provided by the College.
5. Two letters of recommendation, one of which must come from a principal, on forms provided by the College. In case of a student seeking admission by GED, both recommendations must come from persons who are qualified to certify the student's ability to qualify for a college education.
6. Copies of scores on the American College Testing (ACT) or the Scholastic Assessment Testing (SAT).

A student may be admitted conditionally if one or more items from 1 through 6 are missing. However, a student may not remain in a conditional status for more than one semester. Non-resident part-time students who are not seeking a degree may be exempted from items 4, 5, and 6. All resident students must comply with item 4.

Upon receipt of the completed application with required documents and the application fee, the Admissions Committee will consider the application for admission and will notify the student of its decision.

Students who desire or are required to live in the college dormitories must send a room reservation deposit of \$25.00 upon notice of acceptance for admission. Students are also required to pay a yearly dormitory occupant fee of \$100.00. This fee is a part of the student room charges. All fees and deposits are to be sent to the Director of Admissions before the confirmation of admission can be finalized.

In evaluating the student's application for admission the Admissions Committee considers the following factors:

1. Student's academic performance at the high school and/or college previously attended.
2. ACT and/or SAT scores.
3. Student's personal qualities and interests as expressed through the letters of recommendation.
4. Transcripts-high school, and in case of transferred students, college or university transcript except business college transcripts.

ORIENTATION AND ASSESSMENT

Rust College conducts an Orientation and Assessment Program which is required of all entering freshmen. The program begins one week prior to registration for upperclassmen. Students are required to take certain diagnostic tests to determine their mastery of basic reading, writing and mathematics. Based on these scores, a student may be placed in a developmental course. Library orientation is offered through English 131 to all Freshmen. New faculty and transfer students receive orientation from library staff.

RUST COLLEGE DEFERRED CREDIT PROGRAM

Deferred credit is a term used for the process of allowing certain academically qualified secondary school students (seniors only) to enroll in general studies courses at Rust College. General studies are courses required for all degree seeking students. Students applying for the deferred credit program must be enrolled in a college bound degree track in their high school with a cumulative grade point average of at least a 3.00 on a 4.00 scale. Applicants are to be strongly recommended by their school counselor and an instructor in a class related to the one in which the applicant is to enroll.

Students accepted in the deferred credit program may attend tuition free. The deferred credits will be recorded as regular credits if the student is admitted to the College later as a freshman student, after his/her graduation from high school. If the student attends Rust, the credits will be applied toward the degree. If, however, the student opts not to attend Rust and wishes to have the credits earned transferred to another institution, the students must pay for the cost of the course before a transcript can be released. Cost will be based at the part-time evening rate in place at the time the courses are transferred.

Rust reserves the right to limit enrollment based on availability of class space. Students are expected to fully meet the requirements of courses and will be graded accordingly.

ADMISSION OF TRANSFER STUDENTS

Transfer students are encouraged to seek admission to Rust College either at the beginning of the summer session, the first semester, or the beginning of the second semester. Transfer students are required to submit the same documents and fees and to follow the same application procedures as outlined for freshman students. Transfer students are not required to submit ACT or SAT scores if they have completed at least 15 semester hours of college level courses.

Students transferring from an accredited junior or community college with an associate of arts or an associate of science degree following a baccalaureate degree program with grades of "C" or better will be accepted as juniors. Students admitted under this provision will be required to meet the College core curriculum requirements.

TRANSFER CREDITS

Rust College accepts transfer credits from all regionally accredited junior, community, senior colleges and universities. However, no credits below "C" in any course and no credits for any course which are not in keeping with the College's catalog will be accepted as transfer credits. Courses with quarter hour credits will be equated with semester hour credits as follows:

Quarter Hours	Equivalence in Semester Hours
2	1
3	2
4 or 5	3
6	4

A student transferring from an unaccredited institution may be admitted as an unclassified student for one semester. If, during the semester, the student completes all courses attempted (minimum 12 semester hours) with a mini-

mum average of "C", the student will be granted regular status and the appropriate transfer credits from the institution or institutions will be recorded in the student's permanent record.

ADMISSION OF FOREIGN STUDENTS

Rust College is approved by the United States Department of Justice as an institution of higher learning for international students. Students applying for admissions must present the original and complete academic credentials with the application for admission.

All foreign students seeking admission to Rust College must meet the following requirements in addition to the admission requirements for the freshman or transfer students:

1. Evidence of proficiency in the use of the English language.
2. Evidence of adequate financial support.
3. Evidence of the necessary educational background as a prerequisite to a college education in the United States.

ADMISSION OF VETERANS

Rust College is approved by the Mississippi State Veteran Affairs Approving Agency for Veterans Education and Training. All veterans seeking admission to Rust College must satisfy the general admission requirements and present their certificate of eligibility for training to the Coordinator of Veterans Affairs.

READMISSION REQUIREMENTS AND PROCEDURES

Any student who withdraws from the College for a semester or more must apply for readmission at least one week prior to the date of registration. Any former student who is not duly readmitted cannot register for courses at Rust College.

ADVANCED STANDING

Advanced standing may be granted to students by examination. A student's adequate knowledge of a selected listing of courses determined by the respective academic division may apply for credit for the course by examination. For details the student should refer to the regulations concerning Credit by Examination, or consult with the faculty advisor.

ACADEMIC REGULATIONS

GENERAL REGULATIONS

1. Students are required to select and formally declare their major (or minor if required) fields of study during their sophomore year.

2. Each student is assigned a major area advisor who works with the student in guiding him in the selection of courses for each semester and helping the student in his progress toward fulfillment of all requirements for graduation.
3. Some general education requirements may be fulfilled by taking examination for exemption or by completing courses for credit by examination. For details the student should refer to the regulations concerning courses for Credit by Examination and Exemption by Examination.
4. Students over 30 years of age or those who have served at least two years in the armed services may be exempted from the physical activity courses upon approval of the Academic Dean.
5. Students are expected to complete their degree within six years of matriculation. Those failing to achieve graduation in this time may be required to satisfy the requirements of the current catalog. A student whose academic career is interrupted by military services may complete the requirements of this degree under the catalog of the student's first registration provided that he returns to the College within one year after being discharged and has not changed his first declaration concerning major area of study.
6. Students registered for the first time under a particular catalog are allowed to change to a later catalog. In such cases the student must meet all requirements under the later catalog.
7. A transfer student enters under and is guided by the catalog in vogue at the time of entry.
8. No credit will be given for any course unless it is properly scheduled and recorded in the Records Office by the last day of the change of program period in the particular semester.
9. If for any reason a student withdraws from one or more courses or completely from the college without filing the appropriate withdrawal forms and obtaining approval of the college officials concerned, the student may receive failing grades in these courses.
10. Upon recommendation of the concerned instructor and approval of the Academic Dean, a student may be dropped from a course. Documentation must be presented by the instructor indicating no likelihood of passing the course(s).
11. If a student is compelled to withdraw or drop courses because of illness or conditions beyond his control, he will be marked withdrawn.
12. A student may not be absent from a term examination without reasons approved by the Academic Dean of the College.
13. The normal student course load is 12-18 semester hours during the semesters, but a student who is on probation may not take more than 12 semester hours. A student may take 6 semester hours during the summer term.
14. A student with less than a 3.00 grade point average must get approval from his/her advisor and the division chair to take over 15 hours in a given semester.

15. A student may change his/her major area of study upon recommendation of the faculty advisor and the chairman of the division and upon approval of the Academic Dean.
16. The cumulative grade point average of the student is computed only on the courses completed at Rust College.
17. All courses taken at Rust College must be taken for the number of credit hours stated in the catalog which is in vogue at the time the student takes the course.
18. Transfer students may not receive credit toward a degree at Rust College for work completed at another institution prior to ten years before entering Rust College.
19. The last day for adding courses is the third day after classes begin. The last day for dropping courses is Friday of the fourth week of each module.
20. The last day to remove an "I" received during the fall semester is the 3rd Friday in March in the following spring semester.
21. The last day to remove an "I" received during the spring semester is the 1st Friday in November in the following fall semester.
22. All grade errors *must* be corrected within 15 school days after grades are reported.
23. During the fall semester of each year, academic counseling and early registration is the last week in November.
24. During the spring semester of each year, academic counseling and early registration is the first week in April.
25. Academic degrees are conferred once each year as indicated in the master calendar. Persons receiving degrees are expected to participate in graduation exercises unless excused by the Academic Dean. Persons not completing graduation requirements may not participate in commencement exercises.
26. Students involved in approved off-campus programs (such as internship) will be exempted from AEP and CEP during the semester they do not study on Rust campus. Transfer students are exempted from AEP & CEP requirements for the period they do not attend Rust College.

GRADUATION REQUIREMENTS FOR BACHELOR'S DEGREE

Students seeking baccalaureate degrees from Rust College must fulfill certain requirements. A candidate for graduation must:

1. Present a minimum of 124 semester hours including the general education program, a major area of study, and a minor or electives as prescribed by the academic division.
2. Maintain a cumulative grade point average of "C" or 2.00 points (A = 4 quality points) in all work completed at Rust College and a minimum

grade of "C" in all courses taken in the major area of study. This includes required electives in the degree track.

3. Be a full-time student for at least two semesters and must have completed the last 30 semester hours at Rust College, completing at least one-third of the courses in the major area at Rust College.
4. Demonstrate to the satisfaction of the college sound ethical character and high standards of conduct consistent with the philosophy of the college.
5. Assume full responsibility for completing all requirements and obligations (including the financial obligations) to the college.
6. File with the Registrar an Application for Graduation before the deadline prescribed by the college in the academic calendar of the current catalog.

GRADUATION REQUIREMENTS FOR ASSOCIATE DEGREES

Students seeking associate degrees from Rust College must fulfill certain requirements for graduation. A candidate for graduation with an associate degree must:

1. Complete a minimum of 66 semester hours including required general education courses, complete required courses in the major area of study, and electives as prescribed by the academic division.
2. Maintain a cumulative average of "C" or 2.00 points in all work completed at Rust College.
3. Be a full-time student for at least one semester, the last 15 semester hours must be completed at Rust College.
4. Demonstrate to the satisfaction of the college sound ethical character and high standards of conduct consistent with the philosophy of the college.
5. Assume full responsibility for completing all requirements and obligations including the financial obligations to the college.
6. File with the Registrar an application for graduation before the deadline prescribed by the college in the academic calendar of the current catalog.

CREDIT BY EXAMINATION

A. Credit By Examination

A student may take one course from the approved courses, credit by examination, in any given module, but not more than four courses per year. The course may not be above the sophomore level. Courses failed may not be taken credit by examination. A student may take *a maximum of four courses credit-by-examination during his/her degree program.*

Only those students with a 2.75 or above average may be eligible to take a course credit by examination. A student must obtain prior approval of the division chairperson and then the Academic Dean before he/she registers for the course. The student must pay a fee of \$100.00 per course which is paid at the time of registration for the course. The hours for courses taken credit by examination will not be calculated in the cumulative grade point average.

If the course is offered, the student may not take it credit-by-examination.

B. Credit By College-Level Examination Program (CLEP)

The College-Level Examination Program (CLEP) is a program of credit by examination, sponsored by the College Entrance Board. This program provides interested individuals an opportunity to obtain recognition for college level achievement on the basis of examination performance.

C. Advanced Placement Program

Rust College participates in the Advanced Placement Program of the College Entrance Examination Board (CEEB). This program begins in a high school when college level studies are offered to able, interested students. The College does not limit the number of credits an entering student may receive for courses the student has completed in this manner.

ACADEMIC HONORS AND AWARDS

At Rust College, students are honored for exceptional academic performance. At the end of each semester, the Records Office publishes a roster of students who have maintained the following cumulative average while carrying a full load:

President's List—Cumulative GPA of 3.78 or above

Dean's List—Cumulative GPA of 3.60 up to 3.77

Honor Roll—Cumulative GPA of 3.46 up to 3.59

Honorable Mention—Cumulative GPA of 3.00 up to 3.45

Students who have completed at least 48 semester hours at Rust College are eligible at graduation for the following honors for excellence in scholarship:

Summa Cum Laude—Cumulative GPA of 3.80 or above

Magna Cum Laude—Cumulative GPA of 3.50—3.79

Cum Laude—Cumulative GPA of 3.20—3.49

Students also receive honors and awards for their service and leadership in various areas or activity, both academic and non-academic.

ACADEMIC PROBATION AND DISMISSAL FOR POOR SCHOLARSHIP

A student's semester grade point average (SGPA) is determined by dividing the sum of quality points by the sum of the credit hours *attempted* during a particular semester at Rust College. A student's cumulative grade point average (CGPA) is determined by dividing the sum of the quality points by the sum of the credit hours attempted during the entire tenure at Rust College.

The following table indicates the minimum SGPA (semester grade point average)

required for a student to be in good standing or under scholastic probation and the CGPA (Cumulative Grade Point Average) for scholastic dismissal. No student will be placed under scholastic probation when the CGPA is 2.00 or higher. A student dismissed for poor scholarship is allowed to attend the summer sessions. If the CGPA improves to meet the minimum requirement for good standing, the student is allowed to attend the first semester as a student in good standing. A student may not receive Title IV funds (financial aid) if the cumulative grade point average (CGPA) is less than 2.00 at the end of four semesters.

<u>Classification</u>	<u>Semester Hours Completed</u>	<u>SGPA Probation</u>	<u>CGPA Dismissal</u>
Freshman	29 or Less	Less than 1.50	Less than 1.00
Sophomore	At Least 30	Less than 1.85	Less than 1.75
Junior	At Least 60	Less than 2.00	Less than 2.00
Senior	At Least 90	Less than 2.00	Less than 2.00

A student may be dismissed for poor scholarship when his cumulative grade point average is below:

1.00 after two semesters

1.75 after four semesters

A student who is dismissed for the second time *will not be allowed to seek readmission as a candidate for a degree at Rust College*. The objective of the regulations concerning scholastic probation and dismissal is to provide the student an opportunity to improve his academic performance as well as to maintain the institution's academic standard. The student is not allowed to take active part in any extracurricular activities which might take him/her away from classes, library, or laboratories during the probationary period.

At the end of any academic year a student may be dismissed for poor scholarship when it is evident that continuance at Rust College will serve no useful purpose in improving academic performance. A student who is dismissed for poor scholarship may be considered for readmission after one semester. The student, however, may appeal the case to the Academic Dean who may act on the appeal or pass it on to an appeals committee. If the

committee is satisfied that the student will be able to improve the academic performance if allowed to continue for one more semester, the committee may recommend to the Academic Dean that the student be allowed to continue under probation for one more semester.

SATISFACTORY ACADEMIC PROGRESS FOR STUDENT FINANCIAL AID

In order for a student to receive federal or state student financial aid, regulations require that he/she maintain academic progress toward a degree or associate degree. The following are the satisfactory academic progress standards for students seeking financial aid at Rust College. The satisfactory academic progress policy must include a qualitative and quantitative measure of the student's progress. The qualitative measure must establish a minimum grade point average (GPA). The quantitative measure must establish a maximum time frame in credit hours for a student to complete his/her program and a minimum number of credits a student must satisfactorily complete each year.

Below is a description of the qualitative and quantitative requirements of the Rust College Satisfactory Academic Progress Standards.

Hours Attempted	Cumulative GPA Required (Including-Transfer Hours)
1-29	1.50
30-59	1.75
60-75	2.00
76 and above	2.00

QUANTITATIVE

1. Whether a student has received aid or not, a student must earn his/her first bachelor's degree within 150% of the hours needed to successfully complete a degree. Example: If your major requires 124 hours for graduation, you could attempt up to 186 hours ($124 \times 150\%$); once the 186 hours are exceeded, your aid will be suspended. (Please note: 186 hours is an example and may vary with your major/degree).
2. The minimum number of credits a student must complete each year depends on the student's enrollment status, the number of terms for which aid was received for that year.
3. Students earning no hours in any term are immediately suspended from financial aid.
4. Academic suspension or dismissal will result in automatic suspension from financial aid. Financial aid is not awarded for audit courses.
5. To retain financial aid each student must complete eighty percent (80%) of the hours attempted. Example: a full-time student must attempt twelve or more semester hours and successfully complete

nine or more each semester toward his/her degree. Academic progress will be evaluated at the end of each year. Students will be notified in writing of any action taken regarding their loss of eligibility for financial assistance. A student who fails to meet the progress standards relative to grade point average requirements and/or minimum number of hours that must be successfully completed will be ineligible to receive financial aid. The student however, may attend at his/her own expense. After one semester of ineligibility the student may reapply, if he/she meets the requirements.

REINSTATEMENT OF AID

To have financial aid eligibility reinstated, a student may make up the credit hour and/or GPA deficiencies in a subsequent term without receipt of financial aid for that term. The student must then submit his/her academic transcript to verify the number of credits and grades earned.

APPEAL PROCEDURES RELATING TO UNSATISFACTORY PROGRESS

Students wishing to appeal a determination of unsatisfactory progress on the basis of mitigating circumstances must be able to document one of the following:

1. Personal illness or accident of student with validated statement(s) from physical and/or medical care unit.
2. Serious illness or death within his or her immediate family. Immediate family consists of mother, father, sister, brother, child, grandparents or legal guardian.
3. Cancellation of classes or withdrawal from the College.
4. Other extenuating circumstances which may be considered acceptable by the College.

All appeals must be submitted in written form within thirty (30) days from the date of the suspension letter to the Director of Student Financial Aid at Rust College. All requests will be considered on a case by case basis.

CLASSIFICATION OF STUDENTS/GOOD STANDING

Classification of students is based on the total number of hours completed at Rust College and the number of transfer credits (if any) accepted from other colleges. A student is classified as a FRESHMAN when admitted to the College as a regular first year student.

In order to become a sophomore, a freshman must complete 30 semester hours of coursework. In order to become a junior, a sophomore must complete 60 semester hours and achieve an acceptable score on the English Profi-

ciency Examination. In order to become a senior, a junior must complete 90 semester hours.

In order to make satisfactory progress as a student in good standing, a student must achieve a minimum of 2.00 or better during each year at the College. A grade of "C" represents the minimum competency level for work accepted in a major area of study or Freshman Year Experience Program.

CLASS ATTENDANCE

1. Students are obligated to comply with class attendance policies.
2. Faculty members are obligated to notify classes in writing at the beginning of each semester of the policies and procedures on absences and make-up work. When students must be absent from class, they are required to make arrangements satisfactory to the instructor with regard to work missed.
3. Ten percent of class meetings is regarded as a maximum number of absences.

GRADING SYSTEM

Rust College employs a 4.00 grading system as follows: A—Excellent, 4 quality points per semester hour; B—Good, 3 quality points per semester hour; C—Average, 2 quality points per semester hour; D—Poor, 1 quality point per semester hour; F—Failure, 0 points per semester hour attempted; W—Withdrew. (The grade point average is obtained by dividing the number of quality points by the number of semester hours attempted).

The grade "W" is given when a student withdraws from a course by filing the proper papers which may be obtained from the Records Office; otherwise, the grade of "F" will result.

"I" indicates that work in a particular course is incomplete. An "I" is given only when for a valid reason the student has been; unable to satisfy the requirements of a given course by the time final reports are due.

When an incomplete grade is given, it may be changed to a permanent grade upon removal of its cause. Incompletes must be removed within the following semester. In case a student discontinues for valid reasons, he has two semesters to remove the "I" grade. Failure to remove an "I" will result in an automatic change of the incomplete into a permanent "F" grade.

"NG" (no grade) is given when a student's name appears on a class list, but never attended the class.

WITHDRAWAL: When a student finds it necessary to withdraw from the college during the semester, the proper forms through the Office of the Academic Dean of the College should be executed. Failure of the student to follow through with this procedure will result in an "F" for work taken and a charge for the full semester's work. When a student is required to withdraw as the result of disciplinary action, he forfeits his rights and privileges as a

member of the college family, as well as fees paid in advance. A grade of "W" will be given for all academic work

POLICY ON ACADEMIC DISHONESTY

Rust College insists on personal integrity in all of its students. All students are expected to be aware that academic dishonesty is improper and will not be accepted. Scholastic dishonesty includes any form of cheating, plagiarism, falsification of records, collusion or giving false information to a college official.

Possible penalties for violation of scholastic honesty are a "F" grade, dismissal from a course, dismissal from the college, or denial or revocation of the degree.

INDEPENDENT STUDY

In most major fields of concentration, there are provided Independent Study Programs intended to give the student an opportunity for a self-directed experience and an introduction to research. Programs in a topic which embraces more than one area may be arranged by the Division Chair in consultation with the major advisor concerned.

1. The Independent Studies Program shall be open to those students whose work has demonstrated ability to do independent study and whose cumulative average for all work at the college is at least 3.00.
2. The Independent Study Project may be:
 - a. a project of reading of selected books related to a particular theme, in which the student is required to submit a number of book reports showing his mastery of the subject matter.
 - b. a project of library or journalistic writing.
 - c. a research project producing a written report which exhibits sound scholarship.
 - d. a project in performance of music, art or dramatics.
3. High quality is expected in the Independent Study Project. The nature and quality of performance is evaluated by the major area concerned.
4. The maximum number of courses a student may receive for Independent Study is two courses or not more than 6 semester hours.
5. Each major area will determine whether these courses shall count toward satisfaction of requirements for the major, minor, or electives. This must be explained in a conference with the student before the project begins.
6. The committee shall consist of three to five members (one of whom shall represent a different discipline) and shall be approved by the Division Chairperson in cooperation with the student's recommendation and the Academic Dean. The director will be selected from the committee of three.

7. The committee shall make periodic reviews of the student's progress as agreed upon by the group (student and committee). The committee as a whole will review the student's progress at least once before the final evaluation. If the student chooses an interdisciplinary project, the committee shall be composed of members of all disciplines. The director must report to the Division Chairman and the Academic Dean from time to time.
8. Though the student should have wide latitude in the selection of a topic and great freedom in creative ability and ingenuity in developing the topic, it is expected that the student will be able to defend the topic and procedure to the satisfaction of the committee.
9. The final report of the project shall be typed in triplicate and submitted to the committee at least 15 days before grade reports are due. The grade, hours and nature of course (single title for transcript listing) shall be reported on grade sheets.

A regular course may be taken as an independent study, provided that:

- a. the student has completed the prerequisites.
- b. the course is not being offered during the semester in which the student wants to enroll for the same.
- c. the head of the department approves the work.
- d. a faculty member is available to serve as the director of the project.

EXAMINATIONS AND GRADE REPORTS

Students are required to take the final examination in each course in addition to the class quizzes and tests as prescribed by the instructor. Each instructor should inform the students of the results of evaluations and counsel with those who are failing to perform up to expectation.

The final evaluation should include work done by the student during the course. Instructors are required to report the final grades to the Records Office by the specified date and in the manner prescribed by the Registrar. Final grade reports are sent to the student.

A number of standardized tests are administered for the purpose of counseling, guidance, and placement. All students who plan to teach are required to take the PRAXIS prior to formally entering the teacher education program and during their senior year. All students who plan to go to graduate school are required to take the Graduate Record Examination (GRE) during their junior or senior year. Other specialized tests are also administered for those who seek admission to law schools, medical schools, etc. Rust College is the center for the following nationally administered tests: The Medical College Admission Test (MCAT), The Law School Admission Test (LSAT), The Graduate Management Admission Test (GMAT) and The Graduate Record Examination (GRE)

STUDENT APPEAL OF FINAL COURSE GRADE

Students should be protected from prejudice and capriciousness in the awarding of grades. They are entitled to a reasonable explanation of their performance in relation to the standards of the course. The grade reported by a teacher to the Registrar's Office at the conclusion of a grading period is always considered final and is not subject to modification except in the case of an incomplete or miscalculation.

The basic relation in grading lies always between the student and the faculty member involved. Therefore, any questions about grading should be pursued promptly on this level, including any adjustment that is deemed appropriate. Students should contact the instructor during the first week after receipt of grade. When possible, this should be done in a face to face discussion of the grade. This is the first level.

If at the end of this time there is no resolution of the issue, the student has one week to file a letter of appeal with the division chair. This letter of appeal must state the reasons why the student feels the grade was awarded in a prejudicial or capricious manner and case. The letter of appeal initiates the second level. The division chair may rule in favor of or against the appeal.

The third level of the appeal is the formal petition to the academic dean. The completed petition must be filed before the end of the third week of receipt. The dean will vote to hear the case if the petition (including action of the division chair) creates a reasonable doubt as to the fairness of the grade. The faculty member will be heard if he or she so desires. The academic dean may decide on the issue or appoint a review committee.

STUDENT RECORDS

1. Retention and Disposal

The Registrar's Office retains all academic and support information relevant to a student's matriculation at Rust College. Upon graduation, students' files are placed in a permanent storage fireproof vault. Academic transcripts are placed on micro-fiche for easy retrieval. No file materials are removed, nor destroyed on a student. Items kept as part of the student's permanent file: Academic Transcript, Enrollment Verification, Scholarship Recommendations, Admission Materials, Graduation Requirement Letter, Probation or Dismissal Letters, Grade Change, or "I" or "F" Forms, Transcripts Requests.

2. Directory Information

Information contained in student records kept by Rust College administrative offices is classified as follows:

- (1) **Public Information.** This classification includes names, address, telephone number, dates of attendance, current enrollment status,

courses elected, honors awarded and degree earned. Public information may be released without student consent upon the request from an inquirer who has established identity and reasonable need for the information

- (2) **Restricted Information.** This includes grades earned, financial arrangements between the student and the college and academic disciplinary actions taken by appropriate committees. Restricted information may be released to persons outside the college only with the student's written consent or under legal process. Such information may be released to authorized college personnel with the understanding that it will be used in an advisory manner related to the student's educational pursuits.
- (3) **Privileged Information.** All information obtained in confidence and having protected status under the law and common professional practice is considered privileged information. It may be released only upon written request of the student and with written consent of the college office in custody of the information, or under legal process.

SCHEDULE OF EXPENSES

Following is the 2000-2001 schedule of expenses for full-time boarding and day students:

(This schedule of expenses may be subject to change).

Full-Time Students

	<u>First Semester</u>	<u>Second Semester</u>
Tuition	\$2,800.00	\$2,600.00
Room	530.75	530.75
Board	669.25	669.25
Total for Boarding Students	4,000.00	3,800.00
Total for Day Students	2,800.00	2,600.00

Students entering Rust College for the first time in the second semester for the academic year will be assessed the first semester tuition. ALL STUDENTS MUST PAY A ROOM ACCESS FEE OF \$100 BEFORE ENTERING THE DORMITORY FOR THE FIRST TIME DURING THE ACADEMIC YEAR. This \$100 become a part of the room and board charge once the registration process is complete. If a student chooses to pay the entire amount due at registration, he/she would only pay the total due for the semester and not the total due plus \$100 for room access.

Part-Time Students

Evening Students (per credit hour)	\$116.67
Evening Students—for each hour over 11 hours	233.33
Part-Time Students (per credit hour)	\$233.33

Independent Study (Per credit hour when enrolled in only one course)	\$100.00
Independent Study (Per credit hour when enrolled in more than one course)	\$175.00
Course Audit (per course)	\$ 15.00
Room Damage Fee (refundable if there is no damage to room at end of tenure.	\$ 25.00
This fee must be kept at \$25.00 level throughout attendance)	
Application for admission (non-refundable)	\$ 10.00
Graduation Fee	\$ 75.00
Internship Fee/Student Teaching Fee	\$ 50.00
Credit by examination (per course)	\$100.00
Key Deposit (refundable upon return of key and receipt)	\$ 10.00
Late payment of monthly bill	\$ 20.00
Drop or Add (per course)	\$ 10.00
Late Registration Fee (first day)	\$ 50.00
(Each day thereafter \$5.00 not to exceed \$ 75.00)	

All fees and deposits are due and payable in accordance with the above schedule of expenses. The opportunity for students to complete registration in the business office expires when the business office closes on the last day for late registration.

A student who is enrolled in the college's regular program may not register in the pathway or evening program until he/she has been out of school for at least one semester. If a student changes from the regular program to the pathway and/or evening program, his/her financial aid may be adjusted. Students should notify the Financial Aid Director before making the change.

DISCOUNTS

A student receiving no financial assistance is entitled to a five percent (5%) discount on tuition if the entire semester's expenses are paid at the time of registration, including previous balance if any. Licensed or ordained United Methodist Pastors are eligible for free tuition. Dependents of United Methodist ministers and United Methodist ministerial students are eligible for thirty percent (30%) discount on tuition. Also, Rust College offers a (50%) tuition scholarship to the CME Ministers, and a (30%) tuition discount to their spouses, and dependents seeking a bachelor's degree from Rust College.

A Trustee, his/her spouse and dependent children may be granted a seventy-five percent (75%) discount in tuition while attending Rust College. An employee of the College, his/her spouse, and children may be granted seventy-five percent (75%) discount in tuition provided the employee has completed at least two years of service at Rust College. Any amount of scholarship, loan, grant-in-aid and/or the Federal Pell Grant for which the student has written approval from the Director of Financial Aid will be deducted from the total amount of tuition and other charges. Students who have been granted

work-aid are required to pay an estimated amount equivalent to their first month's work-aid at the time of registration.

Persons retired or over 65 years of age are allowed to enroll for courses at Rust College at a reduced tuition rate, \$25.00 per course.

SPECIAL FINANCIAL ARRANGEMENTS

1. Students with financial difficulties may enter into special arrangements with the Business Office to make monthly installments on a portion of the total bill. Veterans may receive special considerations; but, in general, the following principles will govern such arrangements:
 - a. At least twenty-five percent (25%) of the cash amount due must be paid at the time of registration;
 - b. Students on special arrangements may pay their balance in three equal installments with a five percent (5%) surcharge on the unpaid amount.
2. While the College is under no obligation to retain any student who makes little or no effort to meet financial obligations, any student who has made a consistent effort, yet becomes delinquent, may be permitted to complete the term's work. Consistent effort shall be defined as:
 - a. Completion of work-aid hours with the monies earned being used to reduce outstanding balance;
 - b. If prompt payments are not met, the student makes personal contact with authorized personnel of the Business Office to obtain a reasonable extension of time. Failure to make the adjustments in fifteen days may result in restriction of records or suspension.
3. Restricting academic records mean that until the bill is paid in full, the student forfeits the right to:
 - a. Obtain grades or transcripts;
 - b. Complete registration for another term's work. The student may pre-register but will not be permitted to complete registration until satisfactory arrangements have been made with the Business Office for full payment of the delinquent bill and for the obligations of the new term.

REFUND POLICY

All students, regardless if expelled, drop-out, or withdraw will be governed by this refund policy.

Before the first day of class	100%
First day of class through two weeks after the semester starts	90%
Two weeks through four weeks of the semester.....	50%
Four weeks through eight weeks of the semester	25%
Eight weeks through the end of the semester	0%

Rust College refund policy is to return the student financial aid portion of the refund to the programs in the following order.

1. Federal Unsubsidized Stafford
2. Federal Subsidized Stafford
3. Federal Plus
4. FDSLPL (unsub, sub, plus)
5. Federal Perkins
6. Federal Pell Grants
7. Federal SEOG
8. Any other Title IV Program
9. Other Federal, State, Private or Institutional Aid
10. Student

Room and board charges are refunded on a pro-rata basis, using the number of remaining weeks divided by the 16-week term.

Any financial aid recipient who officially withdraws from the college after the six weeks is responsible for all charges incurred. Unless, the pro-rata refund calculation is applied.

Students receiving any form of financial aid who are considering reducing their class load below twelve semester hours shall first consult the Director of Financial Aid.

Refund's of Credit Balances

Refunds of payments from Financial Aid sources are made in accordance with the Student Assistance-General Provisions, Regulations 168.21 of Title IV of the Higher Education Act of 1965, as amended. ***Institutional Scholarships cannot be used as a credit balance refund.***

When the financial aid award and/or cash payments exceed college charges, **the student is eligible to receive a refund.** Refunds of the excess credit balances are processed by the cashier's office within fourteen (14) days after the date the credit balance is determined. The Business Office processes checks Thursday of each week.

SUMMER SESSION

SUMMER SCHEDULE OF EXPENSES

(This schedule of expenses may be subject to change)

Students already enrolled for the spring semester will pay \$65.00 per credit hour and students enrolling for the first time during the fiscal year will pay \$105.00 per credit hour.

First Time Boarding Student

Tuition

\$ 390.00

Insurance

10.00

Room	190.00
Board	265.00
Total—Boarding Student	\$ 855.00
Non-Boarding Student	\$ 390.00

Refunds for the summer term which is five weeks will be calculated using the same formula.

Before the first day of class	100%
First day of class through the fourth day of the term.....	90%
Fifth day of term through the first week	50%
After the first week through the 2nd week	25%
After the second week through the end of the term.....	0%

Only first time Title IV recipients who withdraw before the sixty percent point in the enrollment period will have their refund calculated by using pro-rata.

Any financial aid recipient, who officially withdraws from the college after the two weeks, is responsible for all charges incurred.

AREA OF STUDENT AFFAIRS

The Area of Student Affairs of Rust College offers a variety of services, activities and programs, each of which is designated to complement classroom learning and facilitate total student development.

The academic support programs are presented through the following areas: Financial Aid Services, Freshman Orientation, Counseling and Guidance, Testing, Academic Support Programs, Cultural Activities, Athletics, Intramural Programs, Student Organizations, Residential and Non-residential Living, Health Services, Security, and Religious Life. General inquiries concerning divisional offerings should be directed to the Dean of Student Affairs.

FINANCIAL ASSISTANCE

Financial Aid may be granted to needy and deserving students who have demonstrated above average abilities in curricular and extra-curricular activities, have exhibited willingness to render responsible service, have demonstrated high moral standards and have shown a spirit of cooperation in the supporting of the objectives of the college. However, the awarding of financial aid is always subject to the availability of government grants, private donations, and gifts. In order to receive financial aid from any Federal Financial Aid Program, the student must be in good standing and make satisfactory progress in his/her course of study.

HOW TO APPLY FOR FEDERAL FINANCIAL AID AT RUST COLLEGE

1. Apply and be accepted for admission to Rust College.
2. Complete the institution's internal financial aid application by the stated deadline. Awards are made on first come, first serve basis and the availability of funds.
3. Submit the Free Application for Federal Student Aid, indicate Rust College code #002433 on the form. This packet is available through the office of student financial assistance on campus or in most high school counseling centers.
4. All transfer students must submit a financial aid transcript from other school(s) attended, whether or not the student received financial aid from that institution.

OVERAWARDING

If a student is over-awarded as a result of outside aid that is stipulated for tuition, fees, etc., the college will make necessary adjustments to the various federal aid programs and institutional aid.

DEADLINES

Students are encouraged to apply early in the spring prior to the fall semester in order to complete the process and receive their awards early. The priority deadline is April 1 of each year. However applications will be accepted throughout the year.

ADJUSTMENTS TO THE AWARD

Students who are awarded financial aid on the basis of their expenses as boarding students, will have their award adjusted if they arbitrarily change to commuter student status during the year.

Students who are awarded scholarships or financial aid from other sources should notify the Financial Aid Office; their award from the college is then subject to review and possible revision. It is anticipated that the student will keep the Financial Aid Office informed of any significant changes in the family's financial situation which might warrant an increase or decrease in aid from the college.

AWARD NOTIFICATION

When all required application information is submitted to the Financial Aid Office, the student's file is reviewed and evaluated to determine eligibility for financial assistance. Students are notified of their financial aid awards by award letters. This notice informs students of the type and amount of their award.

Request for revision of financial aid awards will be processed after all other students have been notified of their financial eligibility.

STUDENT CONSUMER INFORMATION

In compliance with section 493 A of the Higher Education Act of 1965 as amended, certain consumer information will be made available to any student or prospective student at Rust College.

This information will include a description of all financial aid programs plus scholarships available to students, application procedures, eligibility requirements, criteria for recipient selection, a statement of the rights and responsibilities of students, means of payments and any other financial information. The Financial Aid Office will provide this information to students requesting it or help students obtain the information.

DEPENDENCY STATUS

Dependent Student—A dependent student is one who relies on the financial help and support of his or her parents or guardian, and under 24 years of age. The student must report his or her income amounts as well as their parent(s).

Independent Student—Independent students are those who are twenty-four years of age or older, married, veterans of the U.S. Armed Services, support dependents other than a spouse, or an orphan or ward of the court. Other conditions may allow students to be classified as independent; however, proper documentation must be provided.

Described below are the various types of financial aid awarded to needy and/or deserving students at Rust College.

A. Federal Pell Grant:

The Federal Pell Grant is a federal entitlement program that provides funds to students pursuing a first undergraduate degree. To apply, the student must complete the Free Application for Federal Student Aid. The Federal Pell Grant award currently ranges from \$400 to \$3,300 and is based on financial need.

B. Federal Supplemental Educational Opportunity Grant (FSEOG):

The Federal Supplemental Educational Opportunity Grant is a federal program for undergraduate students who demonstrate exceptional financial need. FSEOG awards are made to students with the greatest need, the funds are only awarded to FPELL eligible students. The grant ranges from \$100 to \$4,000 per academic year, depending on need and availability of funds.

C. Federal Work-study Program (FWSP):

The College Work-study Program is a federal program that provides part-time employment to FPELL eligible students who are enrolled at Rust College. Students are employed on campus by a variety of departments, with the typical student working approximately 10-15 hours per week. They are paid minimum wage. Also, the program encourages community service work and work related to your course of study.

D. Federal Perkins Loan (Formerly NDSL):

The Perkins Loan is a federal program administered by Rust College to provide long term, low interest (5 percent) loans to students who demonstrate exceptional financial need. A student may borrow up to—\$3,300 for each year of undergraduate study. Repayment begins nine months after the student graduates, leaves school, or drops below half-time. If less than a half-time student, the grace period may be different.

E. Robert T. Stafford Student Loan Program (Federal):

The Robert T. Stafford Student Loan Program (formerly the Guaranteed Student Loan Program) provides low interest variable loans to eligible students through lending agencies such as a bank, credit union, savings and loan association or other participating lenders. Students who demonstrate financial need may borrow up to \$2,625 for the first year of enrollment, \$3,500 for the sophomore year and \$5,500 per academic year for the remaining undergraduate years. Repayment begins six months after the student graduates, withdraws or drops below half-time.

F. Federal Parental Loans for Undergraduate Students (FPLUS):

The PLUS Program is a non-need based loan that is available to parents who may borrow to help pay for their children's education. Federal Plus Loans enable parents with good credit histories to borrow for each child who is enrolled at least half-time (6) hours and is a dependent student. The annual loan limit is the student's cost of education minus any estimated financial aid received.

SCHOLARSHIPS

A. Academics

Scholastic potential and financial need are the two most important criteria for awarding academic scholarships. All new students applying for an academic scholarship must have a minimum high school average equal to that of "B." Enrolled students at Rust must have achieved a minimum over-all average of "B" for all course work completed at the college level. Renewal of this award will depend on maintaining a "B" average, good character, and availability of funds.

B. United Methodist Scholarship

Any United Methodist student who is registered as a full-time student may apply for this scholarship. An applicant must be a citizen of the United States and a member of the United Methodist Church and be Christian in character, sound in health, and show promise of future usefulness. An applicant is required to have a grade average of "B" or better during the semester immediately preceding the application. These scholarships are funded by the United Methodist Church. Renewal of this scholarship depends on maintaining the above requirements and the availability of funds from the church.

C. Rust-Wood Scholarship

The Rust-Wood Scholarship is given to a student annually, selected on the basis of scholarship, personality, character and leadership in religious and social activities. The scholarship amount will be based on funds received from the Mississippi Conference United Methodist Women. The College will make the selection.

D. Honors Programs

Rust College awards three groups of scholarships that are collectively grouped in the Honors Program. These scholarships are known as: (1) The Honors Track, (2) The Presidential Scholarship, and (3) The Academic Dean's Scholarship. There are seventeen slots available in each program.

Once the time or GPA eligibility is lost for the Honors Programs, it cannot be regained

HONOR TRACK (Full Scholarship)

Criteria for Admission

1. Applicants should rank in the top 10% of high school graduating class and have a 3.50 or above cumulative GPA.
2. Submit a desirable score of 22 on the ACT, or 1030 on the SAT.
3. Three letters of recommendations (high school counselor and two teachers) must accompany the application.
4. Submit an essay (not to exceed 500 words) outlining future academic and life goals and objectives.
5. If accepted into the program, the student must maintain a cumulative GPA of 3.50 for as long as the scholarship is held.

Presidential Scholarship (\$3,000 Scholarship)

Criteria for Admission

1. Must meet two of the following requirements:
 - a. a 3.25 or above cumulative GPA
 - b. an ACT score of 19 or above, or 910 on SAT
 - c. in the top 10% of graduating class
2. If accepted into the program, the student must maintain a cumulative GPA of 3.25 for as long as the scholarship is held.

Academic Dean's Scholarship (\$2,500 Scholarship)

Criteria for Admission

1. Must meet two of the following requirements:
 - a. a 3.00 or above cumulative GPA
 - b. an ACT score of 17 or above or 830 on SAT
 - c. in the top 10% of graduating class
2. If accepted into the program, the student must maintain a cumulative GPA of 3.00 for as long as the scholarship is held.

E. Lettie Pate Whitehead Foundation Scholarship

This foundation provides scholarship grants to deserving female students from nine southeastern states.

GRANTS

A. College Grant-in-Aid

The College offers a limited number of "Grant-in-Aid" awards (varying from \$100-\$1,000) to students on the basis of their ability to perform in such areas as drama, band and choir. These grant-in-aid awards are funded by special student aid contributions, made by donors to assist in special programs. Renewal of these programs depends on performance and availability of funds.

B. Leveraging Educational Assistance Partnership Program (LEAP)

This grant is for Mississippi residents only. Students must have a minimum 2.00 grade point average, full time (12) hours, demonstrated need and Federal PELL eligible.

C. Mississippi Tuition Assistance Grant (MTAG)

This grant is for residents of Mississippi (the student must have lived four years in state prior to receiving the grant) If eligible, the maximum grant is \$500 for freshmen and sophomores and \$1,000 for juniors and seniors. Deadline to apply is September 15.

D. Mississippi Eminent Scholars Grant (MESG)

This grant is for residents of the state of Mississippi. The grant amount is \$2,500 per year.

The MTAG amount is repayable if the student drops out of school without cause prior to receiving the degree. Students must meet other criteria to qualify for any of the state programs. Contact the Financial Aid Office for additional information. The deadline to apply is September 15th.

E. Critical Needs Teacher Loan/Scholarship Program (CNTP)

Applicants may be enrolled full-time or part-time, in a program of study leading to a class "A" teacher education license. He or she must have and maintain a minimum of 2.5 CGPA and 18 ACT. Deadline to apply is April 30th.

F. William Winter Teacher Scholar/Loan Program (WWTs)

Offers Mississippi residents who are enrolled full-time in an undergraduate teacher education program leading to a Class "A" standard teacher education license up to \$1,000 per academic year as freshmen and sophomores, while juniors and seniors may receive up to \$3,000 per academic year. Freshmen applicants must have a cumulative high school grade point average of 3.0 and a minimum ACT score of 21. All recipients must maintain a cumulative college grade point average of 2.5 each academic year and earn a minimum of 24 credit hours per academic year. *Application deadline is April 30th*

ENDOWED SCHOLARSHIPS

Endowed Scholarships are made possible by individual donations. These scholarships are presented at Honors and Awards Day in April of each year.

1. The L.M. McCoy Fund was set up for Dr. L.M. McCoy who served as President of Rust College for 33 years. It provides a \$300 scholarship for a selected freshmen, sophomore and junior who displays high standards of leadership in campus life.
2. The Hennepin Avenue Scholarship provides scholarships for three (3) students selected on the basis of scholarship, personality, character, and leadership in religious and social activities, granted in the following amounts:

Freshman	\$500.00
Sophomore	\$500.00
Junior	\$500.00

3. The Eva S. Scott Memorial Scholarship is a fund which provides a \$500 scholarship for a student selected on the basis of scholarship, personality, character and leadership in religious and social activities.
4. The Nettie Bailey Ferguson Baber Scholarship is a fund which provides a \$100 scholarship for a sophomore biology student selected on the basis of scholarship, personality, character, and leadership. The student must have and maintain a "B" average in biology.
5. The O.P. Lowe Scholarship is an award for two students who have excelled in the Science and Mathematics Area.
6. The Charles and Mildred M. Whitney Scholarship is for a student who excels academically, socially and religiously.
7. The Wenco Scholarship is awarded to an incoming freshman based upon financial need and high school academic performance.
8. The Algernon Sullivan Scholarship Award is a fund which provides a \$200.00 scholarship for the student selected on the basis of scholarship, personality, character, and leadership in religious and social activities.
9. The James and Lydia McMillan Scholarship is a fund which provides a \$250.00 scholarship for a needy student selected on the basis of need, scholarship and personality.
10. The Fred and Emma Daniels Scholarship is a fund which provides \$25.00 each for science students selected by the Scholarship committee.
11. The Ester Fry Memorial Scholarship is a fund which provides a \$125.00 Scholarship for a student selected on the basis of scholarship, personality, character and leadership in religious and social activities.
12. The Winn Dixie Scholarship is a fund which provides a \$200.00 scholarship for a student selected on the basis of scholarship, personality, character, and leadership in religious and social activities.
13. The Clara M. Evans Scholarship fund provides \$450.00 scholarships for needy students selected on the basis of need, scholarship and personality.
14. The Coleman-Thomas Scholarship in the amount of \$200 will be awarded to a student with a "B" average in the Science and Mathematics area.
15. The Leontyne Price Scholarship Fund was set up by the Metropolitan Opera Star, Miss Leontyne Price. The interest from this fund provides two scholarships yearly in the amount of \$500 each for students majoring in music selected on the basis of need, scholarship, personality, character and leadership in religious and social activities.

16. The Joe McGee Memorial Scholarship Fund provides approximately \$400.00 per year to a student of unusual character and religious commitment.
17. The James T. Heard Scholarship is a fund which provides \$500.00 scholarship for students selected on the basis of scholarship, personality, character, and leadership in religious and social activities.
18. The William Lux Scholarship is a fund which provides a \$500.00 scholarship for student selected on the basis of scholarship, personality, character, and leadership in religious and social activities.
19. The Earnest A. & Melverta Smith Scholarship Award is a fund which provides a \$500.00 scholarship annually for the student selected on the basis of scholarship, personality, character, and leadership in religious and social activities.
20. The Rainford A. and Ruth M. Brown Award provides scholarships for three (3) students selected on the basis of scholarship, personality, character, and leadership in religious and social activities, granted in the following amounts:

Freshman	\$500.00
Sophomore	\$500.00
Junior	\$500.00

21. The Amanda Elzy Scholarship Fund provides approximately \$850.00 per year to needy students in the field of education.
22. The Albert L. Gray Scholarship Fund in the amount of \$100 is earmarked for a junior or senior majoring in economics, political science or social work. This scholarship was established in 1991.
23. The J.W. Patillo and D.M. Ray Memorial Scholarship is given to a pre-ministerial United Methodist student based on (1) need, (2) character, (3) scholarship, (4) personality, (5) dedication, and (6) leadership. The amount of this scholarship is \$350.00
24. The Delvin L. Morgan Scholarship is a fund which provides a \$400.00 scholarship for a student selected on the basis of scholarship, personality, character, and leadership.
25. The Katie E. Hall Scholarship award is a fund which provides a \$2,000.00 scholarship for the student selected on the basis of scholarship, personality, character, and leadership.
26. The Georgianna Thompson Memorial Scholarship Fund provides \$700.00 per year to a student selected on the basis of scholarship, character and leadership.
27. The Dorothy Snyder Memorial Scholarship Fund provides \$350.00 scholarship for students selected on the basis of scholarship, character, and leadership in religious and social activities.

28. The Richard and Minnie Nero Memorial Scholarship, the interest from this provides \$450.00 scholarships for needy students selected on the basis of need, scholarship and personality.
29. The Elizabeth Nass Scholarship Fund, the interest from this fund provides \$1,200 scholarships for needy students selected on the basis of need, scholarship, character, and leadership.
30. The Mary Talford Scholarship Award is a fund which provides scholarships for two (2) students selected on the basis of scholarship, personality, character and leadership in religious and social activities, granted in the following amounts:

Sophomore	\$250.00
Junior	\$250.00

31. The Rosa Rogers Stewart Endowed Scholarship Fund was established by her children in recognition of their love for her and her contribution to them and humanity. An annual scholarship is awarded to a student who exemplifies unusual leadership qualities in at least one or more of the following areas: academics, religion, social, recreational or organizational.
32. The Garland and Floy Holloman Scholarship Fund, the interest from this fund provides \$500.00 scholarships for two needy students selected on the basis of need, character, leadership and scholarship.
33. The William Randolph Hearst Endowment Scholarship was established in 1988 to provide annually scholarships to students selected on the basis of scholarship, character and leadership abilities.
34. The Hooker D. Davis Ministerial Endowed Scholarship Fund, the interest from this provides a \$100.00 scholarship to a male junior or senior ministerial student in good academic standing.
35. The Scarborough-Williams Fellowship Circle Scholarship Fund provides a \$200.00 scholarship for a needy student selected on the basis of need, character, Scholarship, and leadership.
36. The Hernando Central High School Alumni Scholarship provides an annual scholarship of \$500.00 to an Afro-American student from Desoto County. The student is selected on the basis of grade point average, on financial need, personality, character and leadership in religious and social activities.
37. The Morris Marion Scholarship provides \$100.00 annually for the student selected as a regular library user and one who maintains an average of 3.00 or above. All nominees receive gifts in the form of money and/or books.
38. Willie Erst Elliott Memorial Scholarship Fund was established in 1988. It was to provide a \$200 scholarship annually to a student from Carroll

or Montgomery County on the basis of 2.75 GPA or above, financial need, personality, character and leadership.

39. John W. Mosley Memorial Scholarship Fund was established in honor of John Wesley Mosley to provide scholarships for students from Oktibbeha County who are making satisfactory academic progress with a cumulative grade point average of at least 2.75, active in campus religious activities, a United Methodist student, show willingness to assist others through precepts and examples.
40. The Smith W. Allen Ministerial Scholarship Fund in the amount of \$500.00 will be awarded to the United Methodist Ministerial students who are in good standing with the college, exemplify character, scholarship, leadership and religious commitment and demonstrate a financial need.
41. Edgar and Robbie Rankin Scholarship is a fund which provides annually a \$500.00 scholarship to a student in the field of education who has an interest in teaching in the state of Mississippi.
42. The Ruth D. Cummings Memorial Scholarship Fund established by her granddaughter (Paula Drungole), provides financial assistance to juniors/seniors with a demonstrated need; particularly when such aid may make the difference between success or failure. Students must be full-time, member of the United Methodist Church, political science/pre-law major, 3.8 cumulative grade point average and a resident of Mississippi.
43. The Dr. Ching-Lein Han Memorial Scholarship Fund established in 1998 by his daughter (Jan Han) provides an annual scholarship of \$500 to a student in the field of Education and Psychology with a 3.5 CGPA or above who has an interest in teaching in the state of Mississippi. The student will be selected by the Division of Education faculty.
44. The Ruby Hamilton Puryear Memorial Scholarship was established by Dr. M. T. Puryear in memory of his wife, who died in 1983. The scholarship which has a stipend of one thousand dollars (\$1,000), will be awarded to a senior student who qualifies as an honor student, a leader in student and campus life, and who shows potential as a leader in graduate school, on the job and in the community in which the recipient shall reside.
45. The Cecile (Murrell) Flippen Endowed Scholarship provides funds to highly motivated students with at least a 2.5 cumulative grade point average.
46. The H. M. Thompson and Allen Stewart Endowed Scholarship Fund established by the United Supreme Council Charitable Foundation in honor of two outstanding educators, Rust College Supporters and Masonic Members. The scholarship will provide annual funds to a

mathematics students pursuing a baccalaureate degree at Rust College.

47. The Reverend Joyce Graham Dozier Endowed Scholarship is a fund which provides \$6,100 annually to support ministerial students to attend Rust College.
48. The Vernon-Child Memorial Fund was established by Mr. Arnold Vernon and Mr. John Child at Rust College on March 23, 1999 in the amount of \$25,000. This fund was established to help promote quality education for deserving students and to provide financial assistance to those students with a minimum GPA of 3.0 and demonstrated academic achievement. The recipient must sign a commitment statement to give back to Rust College the monetary value that he or she receives in financial assistance while attending the college. The maximum amount a student can receive is \$2,000 per year from the fund.

RUST WORK PROGRAM

Through special assistantships and tutoring grants made by donors, Rust College is able to provide assistance to students with special skills. Anyone may apply for work through this program.

LOANS

A. Rust College Loan

Please note Perkins Loan guidelines.

B. Memorial Revolving Fund

The L.M. McCoy Memorial Revolving Fund was set up in memory of Dr. L.M. McCoy who served as President of Rust College for 33 years. This fund is designed to help students who need short-term loans to assist them during critical periods in their college program. Contributors to this fund are: F.A. Koener, Charleston, Illinois; Mr. and Mrs. Gerrol Swinston, Mount Ayr, Iowa; Mrs. L.T. Miller, Yazoo City, Mississippi.

C. Memorial Emergency Loan Fund

The Memorial Emergency Loan Fund has been established by donors who desire to have their loved ones memorialized through a worthy contribution to students who have need for emergency aid. Upon cause, students may make small short-term loans from these funds without interest. The present fund carries the following names in memory: Mrs. Gayle Morter, Santa Barbara, California; Mrs. Maudlin Brown, Starksville, Mississippi; Reverend Freedman C. Havinhurst, Springfield, Missouri; Mrs. Wardean Huffman, Koscuisko, Mississippi; Mrs. Nettie R. McGhee, Magnolia, Mississippi; Dr. C. R. Buckwalter of LaJunta, Colorado; Mrs. May B. Collins of Jackson, Mississippi; Mrs. Obi L. Graves of Jackson, Mississippi; Mrs. Freddie Greiner of Rockham, South Dakota; Mrs. Charles Kempe

of Miranda, South Dakota; Mrs. Elizabeth Lenz of Mason City, Iowa; James and Lydia McMillan of Winnabow, N.C.; Mr. Kenneth May of Estherville, Iowa; Mrs. H.W. Metz of Miranda, South Dakota; Mr. Manford R. Moore of Oskaloosa, Iowa; Reverend John William Rossiter of Fairmont, Minnesota; Mrs. Edna Slater of Miranda, South Dakota; Mr. Bruce F. Stoll of Appleton, Minnesota; Mrs. Clarence W. Wollard of Malvern, Iowa; Mrs. Mary J. Bealle of Huron, South Dakota; Dr. W.A. Waters of Holly Springs, Mississippi; and Mrs. Katie Price of Laurel, Mississippi.

CHANGE OF ADDRESS AND/OR NAME

All Rust College Students are required to keep a correct and current address on file in the Registrar's Office. Any student whose name or address changes must update their official record in the Registrar's Office.

AUTOMOBILES ON CAMPUS

Students and employees of Rust College are required to have a yearly valid parking decal. Parking decals may be purchased in the Development Office in early September.

CAMPUS SECURITY

The purpose of the security team is to provide 24 hour security to protect the physical properties of the campus, students and employees. The security's authority encompasses all properties owned and operated by the college.

The security team is a part of the Student Affairs Department and is supervised by a Chief of Security.

HANDICAPPED STUDENT SERVICES

Facilities, services and activities of the college are made fully accessible to handicapped students. Services on the second floor of the McCoy Administration Building are made available on the first floor for students who need help from the Financial Aid Office and other areas on the second floor.

COLLEGE HEALTH SERVICE

The college operates a student health center with office hours from 8:00 a.m. to 4:00 p.m. Monday through Friday. Cases requiring emergency treatment after office hours may receive care from the Marshall County Hospital Emergency Room or the Memphis Methodist Hospital. Local doctors are used for office calls. Complete physical examinations are required for admission to Rust College.

The Student Health Services Program has a preventive program whose objective is to keep the student in the classroom and to keep the student as

healthy as possible. Health seminars and workshops are a part of the Student Health Services Program.

RESIDENTIAL LIVING

Campus Housing

There are five (5) dormitories on the Rust College campus. Two are for males, Gross Hall, housing 92 students and Davage-Smith Hall, housing 276 students. Three dormitories are for females, Wiff Hall, housing 92 women, E.L. Rust, housing 196 women and Elzy Hall, housing 200 women. The on-campus capacity is 856. There is a full-time professional who lives in each building and is responsible for the educational and operational functions of the residence hall. Rules governing residential living are explained in the Student and the Residential Life Handbooks.

Living Off Campus

Rust College is essentially a residential college. All students are encouraged to secure residence on the campus. Exceptions to this policy are made for married students, residents of Holly Springs and vicinity where commuting is possible or students who cannot be accommodated by campus housing.

CULTURAL LIFE/STUDENT ACTIVITIES

To complement classroom education, Rust College offers a diversified program of cultural activities and displays including music, book reviews, plays, and lectures by outstanding individuals. These activities and displays are provided on the campus and in cooperation with cultural programs in nearby Memphis, Tennessee. The varied chapel and assembly programs provide a means of cultural and spiritual enrichment essential to a liberal education. Most of these programs are free for students upon the presentation of activity cards, others are offered for a reasonable fee.

RELIGIOUS LIFE

From its inception, religious life activities have been a cornerstone of Rust College. Rust College has a great religious heritage and is religiously functional in all aspects of campus activities. While the College is related to the United Methodist Church, it makes no attempt to force denominational views upon the student or the faculty.

ATHLETICS AND INTRAMURALS

The objectives of the athletic and intramural area are to teach sportsmanship, fair play, respect for the rights of others, and to provide opportunity for recreation physical fitness. The college participates in the following intercolle-

giate sports: basketball; baseball; tennis; cross-country; track and field activities.

STUDENT ORGANIZATIONS

All student organizations and activities are conceived as having educational values complementary to those derived from the pursuit of formal credit courses. A college education aims to provide the opportunity to build a foundation on which to construct a full life. To this end, the College sponsors the following events and organizations:

A. Student Government Association (SGA)

The SGA is the Student Governing Body in matters pertaining to the common interest of students.

B. Class Organizations

Class organizations are structural and offices are held at the four levels of student classification.

C. Special Service Groups

(1) Concert Band; (2) College Choir; and (3) Theatre Guild

D. Major Area Clubs

(1) Science and Mathematics; (2) Social Work Club; (3) Student National Education Association; (4) Computer Science Club; and (5) Pre-Law Club

E. Religious Organizations

(1) Methodist Student Movement (M.S.M.); (2) Y.M.C.A.; (3) Y.W.C.A.; (4) Sunday School; (5) Baptist Student Movement (B.S.M.); and (6) Catholic Student Association (C.S.A.).

F. Fraternal Organizations

Rust College has authorized chapters of the following national organizations:

(1) Phi Beta Sigma Fraternity, Inc. (Social); (2) Alpha Beta Mu (honorary); (3) Zeta Phi Beta Sorority, Inc. (Social); (4) Omega Psi Phi Fraternity, Inc. (Social); (5) Sigma Tau Delta (Honorary English); (6) Delta Psi Omega National Honorary Dramatic Fraternity, Inc.; (7) Kappa Alpha Psi Fraternity, Inc. (Social); (8) Delta Sigma Theta Sorority, Inc. (Social); Alpha Kappa Alpha, Sorority, Inc. (Social); (10) Alpha Phi Alpha, Fraternity, Inc. (Social); (11) Gamma Sigma Sigma (Service); (12) Phi Beta Lambda (Academic); (13) Greek Council; (14) Alpha Kappa Mu National Honors Society (Honorary) and (15) Mu Epsilon Nu Fraternal Organization (Service).

G. Athletic Groups

(1) Cheerleaders; (2) Pep Squad; (3) Basketball; (4) Track and Field Activities; (5) Baseball; and (6) Tennis.

H. Other Organizations

(1) NAACP and (2) International Students Associations.

ACADEMIC SUPPORT SERVICES AND RELATED PROGRAMS

STUDENT SUPPORT SERVICES

Student Support Services is a Program sponsored by the U.S. Department of Education. It has as its primary purpose the provision of coordinated learning assistance to a minimum of two hundred (200) enrolled students who are low income, potential first generation college students or physically handicapped individuals who lack necessary skills and knowledge of subject matter at the college level. Tutors and counselors work with these students to help them improve their skills in reading, writing, mathematics, English and science. Various other career development and cultural enrichment activities are offered to promote participants' total development. The program also provides advice, counsel, and information about various majors and minors available within the college, about scheduling, financial aid, career fields, family planning, drugs and diseases.

CAREER DEVELOPMENT CENTER

The College Career Development Center renders service to students, alumni, and non-alumni. The specific objectives of the office are to make the student aware of the varied career opportunities that exist in the world of work.

The Career Development Center programs the following activities related to (1) career development and test taking, (2) Career Counseling, (3) Career Day, (4) Teachers' Fair, (5) Career Resource Center, (6) On-Campus Interviews, (7) Graduate-Follow-Up, and (8) Student Internships.

Testing Services

As one of its services to students, the Career Development Center offers an extensive testing program. Rust College is a center for various nationally administered examinations, such as the Medical College Admission Test (MCAT), the Graduate Record Examination (GRE), the American College Testing Program (ACT), the College-Level Examination Program (CLEP), the Graduate Management Admission Test (GMAT). The Counseling and Testing Office maintains registration packages of various tests.

A test calendar of internal and external examinations is provided each academic school year. Students are advised to consult bulletin boards or the Counseling and Guidance Office for the information. Inquiries concerning the tests should be directed to the Coordinator of Counseling and Testing.

ACADEMIC COUNSELING PROGRAM

In collaboration with the various academic departments the area of academic affairs offers a program of academic counseling. The objective of the Academic Counseling Program at Rust College is to help student in planning their academic program according to their needs and interests and to guide them in fulfilling all requirements for graduation. Freshmen are assigned to the freshmen faculty advisors. After the freshman year and as soon as the student selects a major area of study, a faculty member from the major area of study, is appointed as the student's academic counselor. The Division Chairperson functions as the academic counselor of any student in the absence of the academic counselor.

Academic Enrichment Program (AEP)

The primary objective of the Academic Enrichment Program (AEP) is to encourage students to attend various intellectual and cultural activities as an essential aspect of education at Rust College. The Academic Enrichment Program is a graduation requirement. Students are required to register for 1/2 semester hour credit for AEP each semester during their freshman, sophomore, and junior years. Students will receive a total of 3 semester hour credits with appropriate letter grades. Letter grades will be based upon their attendance at the specified cultural programs. These programs include lectures, seminars, assembly and chapel programs, concerts, plays, art exhibitions and any other program which may be considered desirable. The Dean of Students will maintain the record of attendance, compute the grades, and submit these to the Records Office. Students involved in approved off-campus programs (such as Internship) will be exempted from AEP during the semester they do not study on the Rust campus. Transfer students are exempted from the AEP requirements for the period they do not attend Rust College.

The following are the AEP course numbers for the purpose of registration and reporting grades:

During the Regular Semester

Freshman Level	AEP 111/112—Academic Enrichment
Sophomore Level	AEP 211/212—Academic Enrichment
Junior Level	AEP 311/312—Academic Enrichment

CEP—Concept Enrichment Program (Literary Reading Program)

The Reading Program was initiated in the early 70's as the "Book of the Month." It was based on a need to instill the necessity of reading in students. Books are selected by a Literary Reading Program Committee. Freshmen, sophomores and juniors will read one book per semester. One fourth (.25) credit is awarded for each program successfully completed.

During the Regular Semester

Freshman Level	Incorporated in classes
Sophomore Level	CEP 208/209—Two Books (1 each semester)
Junior Level	CEP 308/309—Two Books (1 each semester)

English Proficiency Examination

All Sophomores are expected to take an English Proficiency Exam administered by the Director of Testing. Students taking ENGL 232 Advanced Grammar and Composition must take the English Proficiency Exam as a part of the final examination for this course. Students who fail to pass the English Proficiency Examination will receive an "I" for the course and must repeat this course until the examination is passed.

The English Proficiency Examination will be administered each year at the beginning of the second, third and fourth modules.

THE COLLEGE CHOIR

The College Choir, well known as the Rust College World Renowned A'Cappella Choir, had its beginning in the early 1930's under the directorship of Miss Natalie Doxey, a graduate of Rust College, who served as a music teacher and choir director until 1969. Members are accepted by audition only. The Chamber Singers are chosen from the World Renowned A'Cappella Choir. It earned the name World Renowned after touring five countries in Europe and performing at Notre Dame in Paris, France.

The World Renowned A'Cappella Choir performs major works, anthems, spirituals, etc., while the Chamber Singers perform a number of works spanning a period from Madrigals to Vocal Jazz. The Choir takes its annual spring tour following commencement.

THE COLLEGE BAND

The Rust College instrumental music program provides opportunities for students to perform at various campus and off-campus activities. Students from all majors are welcome to join, and scholarship money and class credit are available to qualified individuals. Interested students must be able to read music and must first audition for the conductor in order to be accepted in the program. Performance opportunities exist in the Rust College Concert Band, Rust College Jazz Ensemble, Basketball Pep Band, and in various chamber ensembles. The instrumental music program also offers opportunities for students to study on their individual instruments for class credit, through one-on-one instruction.

LEONTYNE PRICE LIBRARY

LEONTYNE PRICE LIBRARY (1970) is a three-level, modern award winning building, with 30,440 square feet of useable space, modern equipment

and comfortable furniture. It is located at the center of the campus and was dedicated on December 4, 1969 in honor of the famous Metropolitan Opera Star, Miss Leontyne Price.

It's 119,375 volumes, in addition to films, microfilms, records, tapes, CD's and over 400 periodical titles reflect the College's Mission in supporting the curriculum. The library is completely automated and equipped with Internet, Solinet and other on-line services.

The library has a seating capacity for 350 readers and space to house a collection of 125,000 volumes. Some of the special features of the Library include, the listening room, individual study rooms, and several special collections: Roy Wilkins, United Methodist and the International Culture Room.

RADIO/TV STATION

Rust College has both a campus-based radio station and a television studio. WURC-FM is a non-commercial, educational, FCC approved radio station which broadcasts 18 hours a day, seven days a week throughout the calendar year. It is staffed and operated by professionals with students serving as on-air personalities. RC-TV2 is the College's owned and operated television station. Local and satellite programs are broadcasted over the Cable System to the Holly Springs community and over five close-circuit channels to only the campus community. Both facilities are located in the R.A. and Ruth M. Brown Mass Communications Center.

COLLEGE AND STUDENT PUBLICATIONS

The Bearcat

The Bearcat is the College Yearbook, an annual publication edited by staff selected by the student body.

The Sentinel

The Sentinel, edited and published by the Director of Publications, is the College's bulletin which is circulated among alumni, friends, associates, faculty, staff, the community, and student body. It provides information concerning important events and progress of the College.

The Rustorian

The Rustorian is the student newspaper whose editor is appointed by the Humanities Division Chair in consultation with the Journalism advisor and/or the SGA president. The student newspaper reflects campus life and activities and is edited by the Rustorian Staff and approved by the newspaper faculty advisor. The Rustorian is a monthly publication.

The Weekly Newsletter

A weekly newsletter, Campus News Briefs, is produced by the Office of Public Information. This is used to keep the faculty, staff, and students informed about campus activities which will take place during the coming week.

SPECIAL PROGRAMS

WEEK-END PROGRAM

The Week-End Program is designed to help non-traditional students meet the requirements for an associate of bachelor during the week-end. The major focus of the program is to prepare personnel for successful teaching in Headstart, Child Care centers and nursery school, however, students in others programs may enroll in these courses.

The Program's objectives are:

1. To offer a weekend program for child care providers to obtain the Associate of
2. Science Degree in Early Childhood Education within two academic years
3. To evaluate the program offerings by assessing examination results, achievement of graduates, student and employers opinion, and alumni review.

EVENING PROGRAM

The Evening Program is to help the non-traditional student to become productive, self-actualized and service-oriented members of an ever changing society.

Its objectives are:

- (1) To educate adults to develop and improve their skills in order to enhance job opportunities;
- (2) to educate adults for personal enrichment; and
- (3) to offer courses to meet the needs of the current job market.

An official transcript from the high school or college(s) attended and two recommendation forms are required for admission.

The Evening Program also provides non credit courses to the community. The offerings vary widely both in subject matters and length of time required for completion. Courses are open to all interested persons. Non-credit courses are offered for job improvement, advancement and for personal enrichment. They have their own fee structures and do not have entrance requirements. The courses concentrate on teaching specific skills, therefore previous training is usually not necessary. Certificates are awarded to show non-degree training in specialized areas.

THE ADULT PATHWAY PROGRAM

The Adult Pathway Program is a degree completion program for working adults in communities in and around Rust College.

The goal of the program is to provide an educational opportunity for adults age 24 or older to complete a bachelor of science degree in less than 24 months providing they have earned a minimum of 60 semester hours of transferable credits from an accredited college or university, thirty of which must meet Rust College's requirements in liberal arts education.

The objective of the program is to improve the quality of living in a 75 mile radius of Rust College, particularly among minorities and in minority communities through education and progressive economic empowerment.

STUDY ABROAD PROGRAM

Rust College offers a Study Abroad Program which allows students a unique opportunity to engage in a practical international experience by studying in a foreign country. This is a **six-credit hour interdisciplinary course** open to students in all majors. The interdisciplinary approach integrates traditional classroom academics with rigorously analyzed field-learning. The course is designed to give students practical skills of systematic inquiry, relative to the languages and cultures of other nations. The curriculum for this cross-cultural experience exposes students to the history, geography, religion, economic, social and political, as well as the scientific and technological developments of a foreign country. The goal of the course is to educate students on global issues and to enhance their ability to realize the full range of opportunities and responsibilities inherent in living in an interdependent world. The program is administered via the Social Science Division of the college.

STUDENT INTERNSHIP PROGRAM

The student internship program at Rust College is a career-oriented educational plan which integrates academic study with practical experience by means of alternating specific periods of classroom instruction with specific periods of employment. The Internship Program plan is designed to help students put into practice their classroom knowledge and skills by participating in a designated period of planned and supervised study-related work experience.

Application/Placement

Any student, depending on his area of study, may be required to participate in an internship program. A student must file an application in the Internship Office after completing 60 semester hours of course work or one semester in the major if transferring from another institution.

The student must:

- (1) Have at least a 2.00 cumulative grade point average.
- (2) Attend all required meetings and conferences with the coordinator of internship.
- (3) Have on file in the internship office a Career Education Assessment Form.
- (4) Be approved and recommended by the division chairperson.

Registration

All internship students **must complete** their registration for internship before the internship assignment is processed. **Each student is responsible for registering himself/herself.**

Academic Credit

Semester hours awarded for internship are determined by the respective division, however, no internship may be less than eight (8) weeks in duration or awarded less than six (6) semester hours credit. This credit will count towards the requirement for the baccalaureate degree.

Prior to receiving academic credits, all work reports and Employer's Evaluation forms must be on file with the Internship Coordinator. The Internship Coordinator, in turn, submits the student's full folder to the Division Chairperson for awarding the final grade.

A student registering for a work period must obtain prior approval from the Division Chairperson before or during pre-registration period. Internship students will be charged the regular rates set by the institution. **No student can participate in an Internship assignment without proper registration and college clearance.**

Status of Internship Students

The Internship student is an official enrolled student during the internship period and is entitled to all the privileges of a regular student except (a) the right to hold an active office in a student organization; (b) student room and board privileges on campus; (c) active participation in student activities such as choir, band, athletics, intramural, et cetera. Internship students will be responsible for their own room and board and transportation during their Internship term. Internship students are expected to exhibit a professional and ethical code of conduct at all times as an employee-student.

Time, Place and Compensation

The time and location of the Internship experience will be determined by the Internship Coordinator and the Division Chairperson. Job placement is dependent upon major and/or minor field, availability of jobs, and the employ-

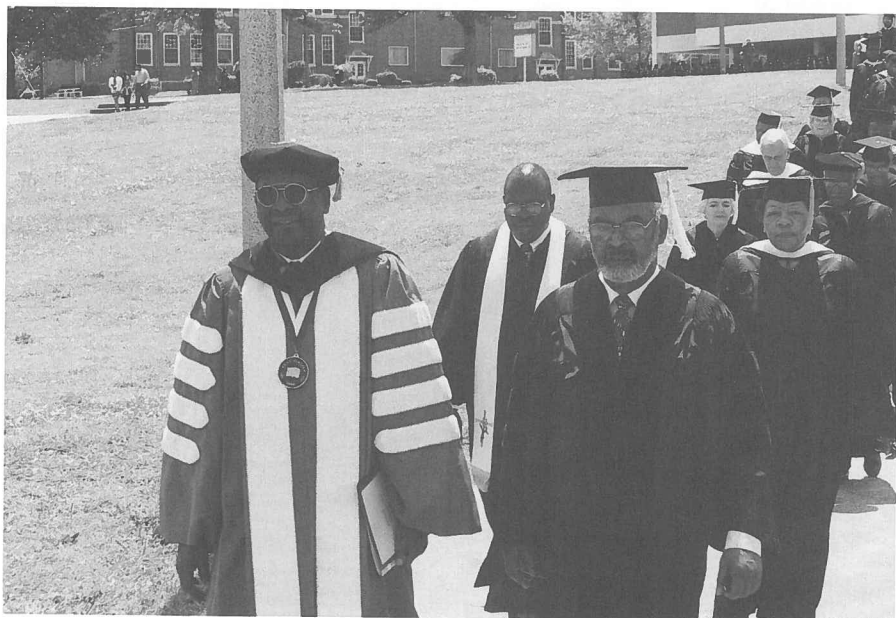
er's acceptance of students. The program at Rust College includes employers locally and nationwide. The required internship does not carry with it an obligation for a paid placement.

LEARNING RESOURCE CENTERS

Each major division of the college operates its own computerized resource lab aimed at out-of-class support services for students enrolled. In addition to the divisional resource labs, the area of Student Support Services has a fully equipped lab available for freshman and sophomore students. This lab is self-contained in the Shaw Hall Resources Center.

Institutions, like individuals, are properly judged by their ideals, their methods, and their achievements in the production of men and women who are to do the world's work.

Booker T. Washington



PART TWO

THE CURRICULUM

ORGANIZATION OF THE CURRICULUM

The Rust College academic program offers degrees in sixteen areas of study. The curriculum is organized as follows: the required general education program, major and minor areas of study and electives.

Rust College offers major areas of study in liberal arts and sciences. In some areas pre-professional programs have been designed for students who want to continue advanced professional study after their graduation from Rust College. A minor is at least fifteen (15) semester hours in a major area of study.

DEGREES OFFERED:

- Bachelor of Science
- Bachelor of Arts
- Associate of Science

MAJOR AREAS OF STUDY

Division of Business

Business Administration (Accounting, Management, Management Information System)

Division of Education

Elementary Education
Secondary Education (Business, English, General Science, Mathematics, Social Science)

Division of Humanities

English/Liberal Arts
Mass Communication/Broadcast Journalism
Mass Communication/Print Journalism
Music

Division of Science and Mathematics

Biology	Computer Science
Chemistry	Mathematics

(For details concerning Pre-Professional, Cooperative and Dual degree programs, please see the Division of Science and Mathematics curriculum)

Division of Social Sciences

Health & Leisure Management
Political Science
Social Science
Social Work
Sociology

KEY TO COURSE NUMBERS

The first digit indicates year or class level (1 = freshman; 2 = sophomore; 3 = junior; 4 = senior). The second digit represents credit hour of the course. In some cases, a course with 1 as the middle digit may represent 1/2 credit hour instead of 1 credit hour. For example PHED 111 = one-half semester hour.

COURSE ABBREVIATIONS USED

GENERAL:

AEP = Academic Enrichment Program INTERN = Internship
CEP = Concept Enrichment Program

FRESHMAN YEAR EXPERIENCE:

ENGL = English PSCI = Physical Science
HIST = History MATH = Mathematics
SPCH = Speech BIOL = Biology

DIVISION OF BUSINESS:

BACC = Business Accounting BMGT = Business Management
BUED = Business Education BMKT = Business Marketing
BHON = Business Honors Seminar BUAD = Business Administration
BMIS = Business Management BECO = Economics
Information System

DIVISION OF EDUCATION:

EDEE = Elementary Education PSYC = Psychology
EDSE = Secondary Education
EDUC = Education
EDEC = Early Childhood Education

DIVISION OF HUMANITIES:

DRMA = Drama MACO = Mass Communication
ENGL = English MUSI = Music
FREN = French MUSM = Music Media
GRMN = German PHIL = Philosophy
HUMA = Humanities RELG = Religion
JOUR = Journalism SPAN = Spanish
SPCH = Speech

DIVISION OF SCIENCE AND MATHEMATICS:

BIOL = Biology

CHEM = Chemistry

CMSC = Computer Science

SCIN = Science

ENGR = Engineering

MATH = Mathematics

PHYS = Physics

DIVISION OF SOCIAL SCIENCES:

HLMT = Health & Leisure Management

PLSC = Political Science

SOCI = Sociology

SOSC = Social Science

SOWK = Social Work

GENERAL EDUCATION REQUIREMENTS

RUST COLLEGE REQUIREMENTS		SEMESTER HOURS
ENGL	131/132	Grammar and Composition 6
ENGL	133	Introduction to Literature 3
HUM	233	Humanities Seminar 3
SPCH	130	Fundamentals of Speech 3
SOSC	231	Social Science Seminar 3
HIST	131	World History 3
HIST	132	American History 3
MATH	132	College Algebra 3
MATH	133	Geometry and Trigonometry 3
BIOL	130	Introduction to Biology..... 3
PSCI	131/132	Physical Science I & II 6
ENGL	232	Advanced Grammar and Composition 3
RELG	230	Introduction to Biblical Studies 3
		Two Courses in One Foreign Language..... 6
CMSC	230	Introduction to Personal Computers..... 3
or		
BMIS	230	Basic Computer Concepts..... 3
PHED	111/112	Physical Activities 1
AEP	111/112	Academic Enrichment..... 1
AEP	211/212	Academic Enrichment..... 1
AEP	311/312	Academic Enrichment..... 1
CEP	208/209	Oral Book Review..... .5
CEP	308/309	Oral Book Review..... .5
Total Semester Hours		59.00

NOTE: All students must pass an English proficiency exam with a 70% pass rate.

A SUGGESTED SEQUENCE FOR GENERAL EDUCATION COURSES

FIRST SEMESTER

ENGL	131	Grammar and Composition I	3
HIST	131	World History	3
MATH	132	College Algebra	3
PSCI	131	Physical Science I	3
BIOL	130	Introduction to Biology	3
SPCH	130	Fundamental of Speech	3
PHED	111	Physical Activity	.50
AEP	111	Academic Enrichment	.50
TOTAL HOURS:			19.00

SECOND SEMESTER

ENGL	132	Grammar and Composition II	3
ENGL	133	Introduction to Literature (Prerequisite: ENGL 131 & 132)	3
HIST	132	American History	3
MATH	133	Geometry and Trigonometry	3
PSCI	132	Physical Science II	3
PHED	112	Physical Activity	.50
AEP	112	Academic Enrichment	.50
TOTAL HOURS:			16.00

SOPHOMORE YEAR

HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
CMSC	232	Introduction to Personal Computers	3
ENGL	232	Advanced Grammar & Comp.	3
RELG	230	Introduction to Biblical Studies	3
		Two Courses in One Foreign Language	6
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
TOTAL HOURS:			22.50

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
TOTAL HOURS:			1.5

FRESHMAN YEAR EXPERIENCE PROGRAM

A little learning is a dangerous thing!
Drink deep, or taste not the Pierian spring;
These shallow draughts intoxicate the brain,
And drinking largely sobers us again.

Alexander Pope

The increasing demands of modern society continually challenge us to search for improvement in the quality of instruction, to re-appraise content suggested by our changing society and to create an atmosphere that encourages free inquiry and advances the aspiration levels of the learner. There is still, in some cases, a need to provide the high school graduate with some assurance that he may experience some success in his deficiencies and gain the academic status he needs.

ACADEMIC SKILLS PROGRAM

The Academic Skills Program (ASP) has been instituted to help students who have been admitted to Rust College but have a need for some pre-college preparation. The program is designed to help prepare students in the areas of basic mathematics, writing and reading. Entry into the program is based on high school G.P.A., ACT Scores and performance on a Pre-Test administered by the College. The courses are sequenced to equip students with the appropriate learning skills to enable them to enter the regular college level program. A student must demonstrate a mastery of course content as measured on the Rust exam to earn a passing grade in these courses. Academic Skills courses do not count toward any degree nor graduation and are not transferrable. Students needing ASP courses will be counseled on course selection by the Freshman Year Experience faculty.

REQUIRED PROGRAM FOR FRESHMEN

FIRST SEMESTER			SEM. HRS
ENGL	131	Grammar & Composition I	3
SPCH	130	Fundamentals of Speech	3
HIST	131	World History	3
MATH	132	College Algebra	3
PSCI	131	Physical Science I	3
BIOL	130	Biological Science	3
AEP	111	Academic Enrichment	.5
PHED	111	Physical Activities	.5
Total Semester Hours			19

SECOND SEMESTER

ENGL	132	Grammar and Composition II (Prerequisite English 131)	3
ENGL	133	Introduction to Literature (Prerequisite: ENGL 131 & 132)	3
HIST	132	American History	3
MATH	133	Geometry & Trigonometry	3
PSCI	132	Physical Science II	3
PHED	112	Physical Activities	.5
AEP	112	Academic Enrichment	.5
		Total Semester Hours	16

Students electing to major in music may take applied music (voice, piano, instrument) for a maximum of 2 semester hours.

FRESHMAN PROGRAM

ENGL 131 GRAMMAR AND COMPOSITION I **3 Sem. Hrs.**

This course initially reviews advanced mechanics used in basic writing. It presents students with opportunities to compose critical essays, book reviews and basic reports. Students develop skills of critical analysis and rhetorical discourse in composing diverse forms of writing.

ENGL 132 GRAMMAR AND COMPOSITION II **3 Sem. Hrs.**

This course is designed to build on the foundation of concepts presented in ENGL 131. In this course students must use composition skills in creative expression, argumentation, persuasion, research writing and speech writing. Emphasis is placed on logic and clarity in compositions of greater scope and greater complexity.

ENGL 133 INTRODUCTION TO LITERATURE **3 Sem. Hrs.**

This course introduces students to various forms of literature: drama, short stories, critical essays, books, poetry, and the literary styles of authors from diverse world cultures. Students are exposed to literary analysis, critical interpretation, and rhetorical devices which are present in the various works. (Pre-requisite: ENGL 131 & 132)

SPCH 130 FUNDAMENTALS OF SPEECH **3 Sem. Hrs.**

This course provides a study of communication theory, public address, basic listening and presentation skills. It focuses on the use of language, environment, kinesics, psychology and physiology to communicate and interrelate on both personal and professional levels. Oral and written communication skills are taught and skills in public speaking and speech writing are enhanced via the astute use of language and personality.

HIST 131 WORLD HISTORY **3 Sem. Hrs.**

This course is a survey of world civilizations. It focuses on institutions, ideas and creative works that have formed Western Civilization. Students will explore the human past including the African origins and its contributions to civilization.

HIST 132 AMERICAN HISTORY**3 Sem. Hrs.**

This course is a survey of American History and Culture emphasizing American expectations of their governments. It also emphasizes the practices of local, state and federal institutions. Major social, political, and economic trends in the history are emphasized from the Era of Exploration to the present, identifying the mood and mentality of the era. The course also recognizes the multicultural American heritage, particularly the African-American experience.

AEP 111/112 ACADEMIC ENRICHMENT PROGRAM**1 Sem. Hr.**

The primary objective of the Academic Enrichment Program is to encourage the student to attend various intellectual and cultural activities as an essential aspect of his education at Rust College. The Academic Enrichment Program is a graduation requirement. Students are required to register for the course each semester during their freshman, sophomore, and junior years, and will receive a total of 1/2 credit per semester with appropriate letter grades which will be based on their attendance at the specified cultural programs including lectures, seminars, assembly and chapel programs, concerts, plays, art exhibitions and any other program which may be considered desirable. The Dean of Students will maintain the record of attendance, compute the grades, and submit them to the Registrar. Students involved in the approved off-campus programs such as Internship, Student Exchange Program, etc. will be exempted from AEP during the semester they do not study on Rust Campus. Transfer students are exempted from the AEP requirements for the period they did not attend Rust College. Students will continue to take Academic Enrichment through their Sophomore and Junior years as 211/212 and 311/312.

PHED 111/112 PHYSICAL ACTIVITIES**1 Sem. Hr.**

This course provides varieties of physical activities.

MATH 130 ELEMENTARY ALGEBRA**1 Sem. Hrs.**

A course for non science majors designed to provide skills such as real numbers, variable expressions, solving equations, polynomials, factoring, algebraic fractions, linear inequalities, radical expressions and graph of a line. These skills are taught to prepare students to succeed in freshman math and science courses.

MATH 131 GENERAL MATHEMATICS**3 Sem. Hrs.**

A course for non science majors designed to provide the opportunity to students to acquire the general knowledge of the following topics related to real life: basic concepts of algebra including factoring, functions and graphs, geometry, counting methods, probability & statistics including histograms and consumer mathematics such as interest, inflation and buying a house.

MATH 132 COLLEGE ALGEBRA**3 Sem Hrs.**

College Algebra is one semester course covering standard topics such as algebraic functions and their graphs, exponential and logarithmic functions, and system of equations.

MATH 133 GEOMETRY & TRIGONOMETRY**3 Sem. Hrs.**

Trigonometry and Geometry is a one-semester course covering standard topics such as trigonometric functions and graphs, inverse functions and their graphs, analytical and plane geometry (including polar coordinates and parametric equations). Prerequisite: MATH 132.

BIOL 130 BIOLOGICAL SCIENCE**3 Sem. Hrs.**

The properties of living matter, the diversity and community relations of living organisms are introduced. The concepts of organisms, energy requirements, genetic mechanisms, development and reproduction are stressed. Elementary practice in microscopy, dissection and other tools in biology study are included in the laboratory sessions. Lecture and laboratory.

PSCI 131 PHYSICAL SCIENCE I**3 Sem. Hrs.**

This course is a survey of the structure of matter, descriptive chemistry and stoichiometry. Laws and theories are studied with their applications to everyday life.

PSCI 132 PHYSICAL SCIENCE II**3 Sem Hrs.**

This course is a survey of the basic concepts of geology, astronomy, chemistry, and physics. A study of matter and energy is included whereby the student studies the structure of matter as well as the states of matter. Energy in the forms of mechanical energy, heat electricity, sound and light are also studied. Fundamental concepts, laws and theories will be studied with their application to everyday life.

DIVISION OF BUSINESS

“The mission of the BUSINESS DIVISION is to function on a philosophy of continuous quality education. We upgrade standards in the major programs to ensure credibility in the major competencies. We evaluate our course requirements in order to provide cutting-edge information for the purpose of adequate curriculum design.

While business is valuable, and indeed essential for all students, the primary mission of the Business Division is to prepare students to pursue careers in business.” Students who master the concepts and skills required in our major/minor program areas will be prepared to enter the business world or to continue the pursuit of business careers through higher education.

THE DIVISION OF BUSINESS offers the following degrees: Bachelor of Science in Business Administration, Bachelor of Science in Business Education, and Associate of Science in Business Administration.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

The student majoring in Business Administration will complete the major courses listed below and may choose the general business program that follows or may choose any one of the following minor areas: **(A) Accounting, (B) Management, (C) Management Information Systems.** A minimum of 124 semester hours is required for the B. S. Degree. The business faculty advisor and student will use the need sheet to determine and track business graduation requirements. See the program for **BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION** on the following pages.

MAJOR COURSE REQUIREMENTS

BMGT	230	Principles of Management	3
BMKT	230	Principles of Marketing	3
BUAD	230	Mathematics for Business	3
BUAD	331	Business Calculus	3
BACC	231	Principles of Accounting I	3
BECO	231	Principles of Microeconomics	3
BACC	232	Principles of Accounting II	3
BECO	232	Principles of Macroeconomics	3
BMIS	230	Basic Computer Concepts	3
BCAI	300	Computer Assisted Instruction Lab.	.25
BMGT	330	Small Business Management	3
BUAD	330	Business Law	3
BMIS	331	Information Systems I	3
BUED	333	Business Communication	3
BECO	335	Business Statistics	3
BACC	430	Managerial Accounting	3

BUAD	433	Strategy, Policy, and Ethics	3
BUAD	432	Business Finance	3
BMGT	432	Production/Operations Management	3
BUAD	460	Internship in Business	6

BACHELOR OF SCIENCE DEGREE IN BUSINESS ADMINISTRATION (General business)

Note: Students may or may not elect a Minor

FRESHMAN YEAR 35

See Freshman Studies Program for Details

SOPHOMORE YEAR

BMGT	230	Principles of Management	3
BMKT	230	Principles of Marketing	3
BUAD	230	Mathematics for Business	3
BMIS	230	Basic Computer Concepts	3
BACC	231	Principles of Accounting I	3
ECON	231	Principles of Microeconomics	3
SOSC	231	Social Science Seminar	3
BACC	232	Principles of Accounting II	3
ECON	232	Principles of Macroeconomics	3
HUM	233	Humanities Seminar	3
		Two courses in one Modern Foreign Language	6
AEP	211/212	Academic Enrichment	1
CEP	208/209	Sophomore Oral Book Review	.5
Total Hours			37.5

JUNIOR YEAR

RELG	230	Introduction To Biblical Studies	3
BUAD	331	Business Calculus	3
BMGT	330	Small Business Management	3
BUAD	330	Business Law	3
BMIS	331	Information Systems I	3
ENG	232	Advanced Grammar & Composition	3
BCAI	300	Computer Assisted Instruction Lab.	.25
BACC	430	Managerial Accounting	3
BMGT	432	Production/Operations Management	3
BUAD	460	Internship in Business	6
AEP	311/312	Academic Enrichment	1
CEP	308/309	Junior Oral Book Review	.50
Total Hours			31.75

SENIOR YEAR

BUAD	333	Business Communication	3
BECO	335	Business Statistics	3
BUAD	432	Business Finance	3

BUAD	433	Strategy, Policy, and Ethics	3
—		3 Electives in Business	9
		Total	21
Total Semester Hours For Graduation			125.25

ELECTIVE COURSES IN BUSINESS

BUED	231	Microsoft Office I	3
BMGT	331	Risk Management	3
BACC	331	Intermediate Accounting I	3
BUED	331	Microsoft Office for Windows	3
BACC	332	Intermediate Accounting II	3
BMIS	332	Information Systems II	3
BMGT	333	Organizational Behavior	3
BMIS	333	Information Technology	3
BMGT	430	Human Resource Management	3
BACC	431	Cost Accounting	3
BMGT	431	Retail Management	3
BMIS	431	Database Management	3
BACC	433	Tax Accounting	3
BACC	434	Auditing	3
BMGT	434	Organizational Development	3

MINOR AREAS IN BUSINESS ADMINISTRATION FOR BUSINESS MAJORS

A. ACCOUNTING

BACC	331	Intermediate Accounting I
BACC	332	Intermediate Accounting II
BACC	433	Tax Accounting
BACC	434	Auditing

B. MANAGEMENT

BMGT	333	Organizational Behavior
BMGT	430	Human Resource Management
BMGT	431	Retail Management
BMGT	434	Organizational Development

C. MANAGEMENT INFORMATION SYSTEMS

CMSC	233	COBOL
BMIS	332	Information Systems II
BMIS	333	Information Technology
CMSC	341	JAVA

MINOR COURSE REQUIREMENTS FOR NON-BUSINESS MAJORS

BMGT	230	Principles of Management	3
BMKT	230	Principles of Marketing	3
BACC	231	Principles of Accounting I	3

BECO	231	Principles of Microeconomics	3
BUAD	330	Business Law	3
BUED	231	Microsoft Office I	3

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION (evening program)

The evening program for Business Administration Majors is labeled Adult Pathway Program. This program is designed as an accelerated, continuing education, degree-completion program for evening students. The program is designed to provide a unique opportunity for non-traditional students, who are within a 60-mile radius of Rust College, to complete their college degree while working full time during the day. These students must have completed two years of college credit (60 semester hours) which will be applied to their course requirements for the Bachelor of Science Degree in Business Administration. This accelerated program is structured to be completed within 18 months or two academic years.

Following are the business course requirements for completion of the 124 hours required to graduate from Rust College if students enroll with the 60 acceptable semester hours.

COL	111/112	College Orientation	1
BMIS	230	Basic Computer Concepts	3
BMKT	230	Principles of Marketing	3
BMGT	230	Principles of Management	3
BUAD	230	Mathematics for Business	3
BACC	231	Principles of Accounting I	3
BECO	231	Principles of Microeconomics	3
BACC	232	Principles of Accounting II	3
BMIS	331/332	Information Systems I/II	6
BECO	232	Principles of Macroeconomics	3
BUAD	330	Business Law	3
BUAD	333	Business Communication	3
BUAD	331	Business Calculus	3
BMGT	330	Small Business Management	3
BUAD	431	Business Statistics	3
BACC	430	Managerial Accounting	3
BMGT	432	Production/Operations Management	3
BUAD	432	Business Finance	3
BUAD	433	Strategy, Policy, and Ethics	3
BUAD	460	Internship in Business	6
Total Semester Hours			64

General Education (Liberal Arts Requirements) for Adult Pathway Program

ENGL	131	Grammar & Composition I	3
ENGL	132	Grammar & Composition II	3
ENGL	232	Advanced Grammar & Composition	3
HIST	131	World History	3
HIST	132	American History	3
MATH	132	College Algebra	3
BIOL	130	Biological Science	3
SPCH	130	Fundamentals of Speech	3
HUMA	233	Humanities Seminar	3
One (1) of the Following:			
PSYC	230	General Psychology	3
SOSC	231	Social Science Seminar	3
SOCI	230	Introduction to Sociology	3

BUSINESS ADMINISTRATION

Course Descriptions

BCAI 300 COMPUTER ASSISTED INSTRUCTION

LAB. (CAI)

.25 Sem. Hrs.

This course provides assistance to students on concepts and applications in the Graduate Management Admissions Test (GMAT).

BUAD 230 MATHEMATICS FOR BUSINESS

3 Sem. Hrs.

Course includes a study of mathematical procedures including percentages, computing inventory, interests, taxes, discounts, mark-ups, installments and other related computational topics in Business. Prerequisite: MATH 131.

BUAD 330 BUSINESS LAW

3 Sem. Hrs.

The classification of law, contracts, negotiable instruments, interest in personal property, suretyship, and law of organizing a business are topics to be discussed. Emphasis will also be placed on the basic foundations of law as relates to business, the origin of the law, structure of the court systems, and criminal and civil procedures.

BUAD 331 BUSINESS CALCULUS

3 Sem. Hrs.

Application of basic concepts of calculus, such as equations, graphs, functions, slope, limits, marginal, maximum, minimum critical analysis and ration of change applications are emphasized. Prerequisite: BUAD 230.

BUAD 433 STRATEGY, POLICY, AND ETHICS

3 Sem. Hrs.

This senior level capstone course requires students to demonstrate mastery of several core business disciplines, and to thoroughly examine (through discussion, research, analysis, and case studies) the processes by which business develops and deploys strategies and policies in the global economy. The ethical impact of these business strategies on their internal and external environments will also be examined. Prerequisites: All 300 level business courses.

BUAD 432 BUSINESS FINANCE

3 Sem. Hrs.

This course deals with policies and practices required to plan and control the courses and uses of a firm's funds. Emphasis is placed on formulation, implementation, and modification of corporate financial policies. Prerequisite: BACC 232 and BECO 231 or BECO 232.

BUAD 460 INTERNSHIP IN BUSINESS

6 Sem. Hrs.

Internship is an application of full-time on-the-job training in the student's major or minor area of study. The student is placed in a position by the Internship Office. When the student is recommended for Internship by his/her advisor, the student completes application from the Internship Office and gets the signature of the academic advisor. Prerequisite: All 200 level business courses.

ACCOUNTING

Course Descriptions

BACC 231/232 PRINCIPLES OF ACCOUNTING I & II 6 Sem. Hrs.

The functions of accounting in a business-oriented society and concepts on which accounting rests are emphasized: accounting principles and procedures for proprietorships, partnerships, and corporations, preparation of financial statements through the set of working papers. Automated accounting, as well as accounting information required by users inside and outside the accounting entity, will be included.

BACC 331/332 INTERMEDIATE ACCOUNTING I & II 6 Sem. Hrs.

The financial accounting theory focuses on conceptual framework reporting, including such areas as objectives, elements, qualitative characteristics, recognition, measurement, and methods of presentation. Principles underlying financial statements; current assets; current liabilities; investments; tangible assets; corporate capital; analysis of financial statements. Prerequisite: BACC 232 or by permission of the instructor.

BACC 430 MANAGERIAL ACCOUNTING 3 Sem. Hrs.

Decision making process through accounting information planning; control, make-or-buy decisions; inventory planning; incremental analysis; models and present-value analysis. Prerequisite: BACC 232.

BACC 431 COST ACCOUNTING 3 Sem. Hrs.

Cost determination and analysis; study of measurement and accumulation of direct and indirect, product, and period costs. Job-order costs; process costs; by-products and joint products; cost-volume-profit relationships; and the application of overhead. Prerequisite: BACC 232.

BACC 433 TAX ACCOUNTING 3 Sem. Hrs.

Federal and State income taxes for individual returns; withholding taxes; classification of business; and non-business expenses; capital gains; and losses, partnership; and corporate returns. Prerequisite: BACC 232.

BACC 434 AUDITING 3 Sem. Hrs.

General Standards and procedures for a contemporary audit; working papers and report; Financial; operational; and, compliance applications of audit will be addressed. Complete computerized audit case studies will be emphasized. Prerequisite: BACC 332.

ECONOMICS

Course Descriptions

BECO 231 PRINCIPLES OF MICROECONOMICS 3 Sem. Hrs.

The role of the price system in determining the production of goods and services and distribution of income are discussed. Consideration is also given to fundamental principles connected with demand and supply problems, costs, production, distribution and consumption.

BECO 232 PRINCIPLES OF MACROECONOMICS**3 Sem. Hrs.**

This is an introductory macroeconomics course covering the aggregate economic performance of the United States. This includes resources of the economy, national income, employment, fiscal and monetary policies, and economic growth.

BECO 335 BUSINESS STATISTICS**3 Sem. Hrs.**

Methods of gathering, tabulating, classifying and analyzing data, and presenting it in graphic form are discussed. Central tendencies, variabilities and basic probabilities are studied. Prerequisite: BUAD 230.

MANAGEMENT Course Descriptions

BMGT 230 PRINCIPLES OF MANAGEMENT**3 Sem. Hrs.**

A study oriented toward developing an intuitive practical understanding of management science. Primary objectives are to familiarize students with the vocabulary and capabilities of management science to analyze simple management science models to make sound decisions. It introduces students to work flow, the office environment, communication innovations, and the use of telecommunications. Case analysis of current organizational problems are included.

BMGT 330 SMALL BUSINESS MANAGEMENT**3 Sem. Hrs.**

Emphasis is placed on organization and management of a small business unit, environment, initiating the business, financial and administrative control, marketing, legal and governmental relationships are discussed.

BMGT 331 RISK MANAGEMENT**3 Sem. Hrs.**

This course acquaints the student with the basic principles of insurance and risk management as relates to Life-, Health and Accident-, Automobile-, as well as Fire and Casualty Insurance.

BMGT 333 ORGANIZATIONAL BEHAVIOR**3 Sem. Hrs.**

To explore the impact of political, social and economic circumstances and technological changes on human behavior in organizations. Concepts included will reflect today's business climate through important international issues.

BMGT 430 HUMAN RESOURCE MANAGEMENT**3 Sem. Hrs.**

A study of managerial policy, techniques and methods which influence organization of work, selection, hiring, placing, and training and supervising workers; also, safety and compliance with equal employment and other issues related to the work environment.

BMGT 431 RETAIL MANAGEMENT

This senior level course requires students to analyze the management of retail operations, their environments, personnel, buying functions, merchandising, expense control, and customer services. Prerequisites: All 300 level business courses.

BMGT 432 PRODUCTION/OPERATIONS MANAGEMENT 3 Sem. Hrs.

To identify and explore decisions critical to effective production and operations management. Strategic management decisions will include production design, process selection, facility location, facility layout, procurement and tactical decisions. Prerequisites: BUAD 230, BUAD 432 or permission of instructor.

BMGT 434 ORGANIZATIONAL DEVELOPMENT 3 Sem. Hrs.

This senior level course requires students to analyze and understand how changing attitudes, perceptions, behaviors, and expectations impact organizations; and how systematic, top management supported, broadly applied process interventions will impact strategic planning, strategy deployment, functional leadership, organizational assessments, and planned process interventions. Prerequisites: All 300 level business courses.

MANAGEMENT INFORMATION SYSTEMS
Course Descriptions

BMIS 230 BASIC COMPUTER CONCEPTS 3 Sem. Hrs.

This course is designed to provide students a basic understanding of computing concepts. A nontechnical introduction to computers, programming, and applications, with emphasis on applications common to business will be used.

BMIS 331 INFORMATION SYSTEMS I 3 Sem. Hrs.

This course is designed to help students to become competent in the management of information in business organizations. Use of application software (Spreadsheet) to make rational decisions in business settings will be an important component of this course. Students will be able to create a simple home page . Prerequisite: BMIS 230 or permission of instructor

BMIS 332 INFORMATION SYSTEMS II 3 Sem. Hrs.

This course is designed to help students to become competent in the management of information in business organizations. A study of data structures, file procession, database and database management systems within organizations will be emphasized. Use of application software (Database) to make rational decisions in business settings will be an important component of this course. Prerequisite: BMIS 331 or permission of instructor.

BMIS 333 INFORMATION TECHNOLOGY 3 Sem. Hrs.

This course is designed to help students to design their own home pages by using application software such as Frontpage and /or HTML. Design, development, and maintaining web sites will be emphasized. Prerequisite: BMIS 332 or permission of instructor

BMIS 431 DATABASE MANAGEMENT 3 Sem. Hrs.

The course covers all logical models of database, i.e., hierarchical, network, and relational models. Also covered are data analysis, design, implementation, and administration The study of management information systems and decision support systems along with decision models and techniques, such

as basic programming and simulations. The basics of information systems are integrated with behavioral techniques to illustrate the MIS and DSS are decision driven. Prerequisite: BMIS 333 or permission of instructor.

MARKETING

Course Description

BMKT 230 PRINCIPLES OF MARKETING

3 Sem. Hrs.

This course is designed to analyze interacting business activities related to planning, pricing, promoting, and distributing wanted, satisfying goods and services to present to potential customers.

ASSOCIATE OF SCIENCE DEGREE IN BUSINESS ADMINISTRATION

The Associate of Science Degree in Business Administration requires a total of 66 semester hours, which includes the freshman program requirements. Courses must be selected in consultation with a business advisor.

BACHELOR OF SCIENCE IN BUSINESS EDUCATION

The student majoring in the Business Education Program must first meet the Admission Requirements in Education (see Division of Education). The following major courses in Business Education are offered to equip students with the standards outlined by the National Business Education Association. This program will prepare the student to teach courses in the Mississippi high schools as outlined in the Mississippi Business and Technology Framework prepared by the State Department of Education, 1996 Edition. The Business Faculty Advisor, Education Faculty Advisor, and the student will combine efforts to meet graduation requirements.

MAJOR COURSE REQUIREMENTS

BUAD	230	Mathematics for Business	3
BMGT	230	Principles of Management	3
BMKT	230	Principles of Marketing	3
BACC	231	Principles of Accounting I	3
BUED	231	Microsoft Office I	3
BACC	232	Principles of Accounting II	3
BECO	232	Principles of Macroeconomics	3
BUED	233	Note-taking and Study Skills	3
BUED	213	Note-taking and Study Skills Lab	1
BCAI	300	Computer Assisted Instruction Laboratory	.25
BMGT	330	Small Business Management	3
BUAD	330	Business Law	3
BUED	331	Microsoft Office II	3
BUED	430	Methods of Teaching Business Subjects	3

BACHELOR OF SCIENCE DEGREE IN BUSINESS EDUCATION (a teacher-education program in business)

FRESHMAN YEAR

See Freshman Studies Program for Details 35

SOPHOMORE YEAR

BUAD	230	Mathematics for Business	3
BMGT	230	Principles of Management	3
BMKT	230	Principles of Marketing	3
RELG	230	Introduction To Biblical Studies	3
SOSC	231	Social Science Seminar	3
HUMA	233	Humanities Seminar	3
or			
HUMA	230	Fine Arts	3
BECO	232	Principles of Macroeconomics	3
ENGL	232	Advanced Grammar & Composition	3
BUED	233	Note-taking and Study Skills	3
BUED	213	Note-taking and Study Skills Lab.	1
PRAX	230	PRAXIS Seminar (not required if student has required ACT score)	3
BUED	231	Microsoft Office I	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
Total			35.50

Pre-professional Skills Test: Subtest: Reading, Writing, Mathematics

JUNIOR YEAR

EDUC	230	Foundations of Education	3
BACC	231	Accounting Principles I	3
BACC	232	Accounting Principles II	3
BUAD	300	CAI Laboratory	.25
EDUC	313	Educational Tech. Competency	1
BUED	331	Microsoft Office II	3
EDSE	331	Teaching Reading in the Secondary School	3
PSYC	332	Human Growth & Development	3
PSYC	331	Psychology of Exceptional Students	3
BUED	333	Business Communication	3
EDUC	413	Teaching Strategies Practicum (Obs/Par)	1
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
Two Courses in One Modern Foreign Language			6
Total Hours:			33.75

PRAXIS II Examination: Subtest:
Principles of Learning and Teaching
Content Area Examination

SENIOR YEAR

BUAD	330	Business Law	3
BMGT	333	Small Business Management	3
EDUC	401	Student Teaching Seminar	0
BUED	430	Methods of Teaching Business Subjects	3
EDUC	430	Measurement and Evaluation	3
EDUC	433	Integrative Teaching Seminar	3
EDUC	460/461	Student Teaching	12
TOTAL HOURS:			27.00
Total Hours For Graduation			131.25

BUSINESS EDUCATION

Course Descriptions

BUED 231 MICROSOFT OFFICE I

3 Sem. Hrs.

This course covers keyboarding applications using the touch system, introduction to computers, application programs: using the mouse, the menu, toolbars, commands, file management, and word processing. The use of web sites and the internet will be explored.

BUED 233 NOTE-TAKING AND STUDY SKILLS

3 Sem. Hrs.

Note-taking and Study Skills equip students with the opportunity to learn an abbreviated writing system of note-taking. Students take and transcribe notes for educational, business, or personal use. They examine reasons for taking notes, ways to effectively listen, and strategies for improving communication and study skills. A lab period is required in this course. Prerequisite: BUED 231 or permission of instructor.

BUED 213 NOTE TAKING AND STUDY SKILLS LAB

1 Sem. Hr.

The laboratory for Note Taking and Study Skills is designed to give students timed and un-timed drills and reinforcement practice in note taking. The Study Skills section will include writing assignments that will improve the student's problem-solving skills.

BUED 331 MICROSOFT OFFICE II

3 Sem. Hrs.

This course will include desktop publishing-, spreadsheet-, and database management applications. Also, integrated procedures will be used to produce business documents. Microsoft Office 2000 software will be used. Prerequisite: BMIS 230 or by permission of instructor.

BUED 430 METHODS OF TEACHING BUSINESS SUBJECTS

3 Sem. Hrs.

A study of the methods of teaching business courses on the secondary school level will be addressed. This course will provide an overview of business education, the historical and legislative backgrounds of business education; selected tasks as input into the learning system; and, select teaching-learning strategies for specific competencies and performance goals. Prerequisite: All BUED courses.

BUAD 433 BUSINESS COMMUNICATION

3 Sem. Hrs.

This course teaches the principles, procedures, and practices of clear communication in a multi-cultural society and their relationships to sound management. Resume writing and job interviews are also emphasized. Computer applications of all documents will be required. Pre-requisite: BUED 231 or BUED 331.

THE DIVISION OF EDUCATION

Rust College has a variety of teaching majors leading to the Bachelor of Science Degree. The aim of the Division of Education is to provide a strong academic program to prepare competent, caring, and creative teachers who are committed to professional excellence.

The Division of Education offers Bachelor of Science Degrees in Elementary Education and in Child Care Management. For secondary education majors Bachelor of Science Degrees are offered in the areas of Business Education, English Education, General Science Education, Mathematics Education, and Social Science Education. The Associate of Science Degree is offered in Early Childhood Education.

The goals of the education program are adopted from the accrediting agency and the learned societies. The curriculum is developed from the goals and the mission statement of Rust College. The goal of the curriculum is to prepare students for successful teaching, professional and personal living. To achieve this goal, the division strives toward the following objectives:

1. Prepare students to complete licensure requirements.
2. Develop contributing community members by providing service learning opportunities.
3. Improve teaching methodology by conducting research.
4. Evaluate the program offerings by assessing examination results, achievements of graduates, student and employer opinion, and alumni review.
5. Assist students to enter the world of work and/or succeed in graduate studies.

ADMISSION, CURRICULUM AND COMPLETION REQUIREMENTS

Admission to the college does not assure admission to programs in teacher education. Formal application must be made to be admitted into the teacher education program. Admission and retention are based on selective academic and personal competencies developed by the Mississippi Commission on Teacher and Administrator Education, Certification, and Development Process Standards. Application forms are provided at each registration and may be secured from the Office of the Division of Education. These forms are to be completed and filed with the Division of Education. Admission and retention in the teacher preparation program will be based on the following standards, procedures and retention policy.

I. ADVISEMENT FOR STUDENTS IN TEACHER EDUCATION PROGRAMS:

Upon declaration of an intent to enroll in the teacher education program, each student will be assigned to an academic advisor in the Division of

Education. The advisor will assist the student in planning the academic program and will provide general, personal, and professional guidance from the time of declaration until graduation, change of major, or dismissal from the division.

II. ADMISSION TO TEACHER EDUCATION PROGRAMS (BENCHMARK 1):

- A. APPLICATION: Students who plan to enroll in courses of study in elementary or secondary education must file an application for admission as follows:
 - 1. Regular students, upon attaining the classification of first-semester sophomore.
 - 2. Transfer students, upon official admission to the college with the classification of first-semester sophomore.
- B. STANDARDS: Approval for admission to a program in teacher education is based on the following criteria:
 - 1. a minimum scholastic average of 2.50 based on general education core courses
 - 2. completion of 44 semester hours in general education core courses
 - 3. one letter of recommendation attesting to a satisfactory record of conduct, character, and scholarship and one nomination form to be completed by a professor at Rust College, along with biographical information
 - 4. meeting the qualifying scores on a standardized examination (PRAXIS, ACT, or SAT) as described by the Mississippi State Department of Education
 - 5. evidence that these scores have been submitted to the Office of Teacher Certification, Mississippi State Department of Education
- C. PROCEDURES: During the semester following application for admission, applications are reviewed by the Teacher Education Review Panel and the student will be notified of the action taken. At this point in the admission process, the student may be *approved* or *denied* on the basis of the standards cited.
- D. RETENTION: Retention in teacher education following admission is based on maintenance of good academic standing (2.50 or above in all course work) and satisfactory personal conduct. Education majors whose GPA drops lower than 2.50 overall will be placed on probation for the next semester. Students who do not raise their GPA after one semester may not take courses in education and must re-apply for admission to Teacher Education after the GPA has been raised.

III. ADMISSION TO THE STUDENT TEACHING PROGRAM (BENCHMARK 2):

Student teaching consists of 16 weeks of course work. A minimum of 12 weeks will be spent in a classroom under a trained cooperating teacher. Student teaching may be scheduled during the student's senior year only.

The following requirements *must* be met to be considered for student teaching.

- A. APPLICATION: An application for admission to student teaching may be secured from the Division of Education and should be filed with the Chair of the division. The application may be filed two semesters preceding the term in which the enrollment will be sought, but no later than the following deadlines: July 1 for enrollment in student teaching in the following fall term, and November 30 for enrollment in the following spring term. There is a \$50.00 laboratory fee for student teaching.
- B. STANDARDS: Approval for admission to student teaching is based on satisfactory completion of the following criteria:
 - 1. a scholastic average of 2.50 or above in all course work attempted;
 - 2. a grade of "C" or above in all professional and specialized course work;
 - 3. completion of *all* course work and requirements for graduation appropriate to the certification area;
 - 4. completion of all standardized examinations as described by the Mississippi State Department of Education;
 - 5. a satisfactory record of conduct, character, mental and physical health verified by two letters of recommendation and a statement of good physical health from the school nurse or private doctors; and
 - 6. a satisfactory recommendation from the assigned advisor in the student's major field of study.
- C. PROCEDURES: During the semester in which application is made, the Teacher Preparation Review Panel will review the application and notify the student of the action taken. Applications for student teaching may be approved unconditionally or conditionally, pending the completion of course work, or the application may be deferred or denied on the basis of standards cited. Only students approved unconditionally for admission may enroll in student teaching.
- D. PLACEMENT FOR STUDENT TEACHING: While every effort will be made to place students in student teaching situations which will give them the best training experiences, it should be understood that individual school districts have the right to accept or reject students according to their standards and practices. Students may be placed in public or private school systems. Schools used for placement must be accredited by the State Department of Education. These schools and districts must be within a maximum two-hour drive from the College.
- E. PERFORMING STUDENT TEACHING: Candidates for student teaching will arrange their program so as to remain in the student teaching training situation for 16 weeks.

- F. In some cases a special supervisory fee ranging from \$50.00 to \$100.00 may be charged by the authority of the school district concerned. This fee is not to be confused with the \$50.00 laboratory fee required by the College.
- G. Students who bring discredit upon Rust College and/or the Division of Education by their conduct as student teachers will be dismissed from the teacher preparation program.

IV. COMPLETION OF STUDENT TEACHING (BENCHMARK 3)

Every prospective teacher education major will be examined by the Teacher Preparation Review Panel in their respective certification area to ascertain their readiness for teaching. Each candidate will submit a performance portfolio which includes a multimedia presentation of the student teaching experience. The portfolio will include documentation of student performance in compliance with INTASC, NCATE, MTAI, ISTE, and NBPTS standards.

V. CERTIFICATION (BENCHMARK 4)

The Teacher Education Program at Rust College is approved by the Mississippi State Department of Education which uses the standards of the National Council for the Accreditation of Teacher Education (NCATE) for evaluation purposes. Requirements for each teaching area at Rust College are in compliance with the regulations set forth by the Mississippi Department of Education and are subject to change.

Applicants for a Mississippi teaching certificate must complete state approved program requirements and all graduation requirements which provide for meeting the initial academic certification standards. To be recommended for certification, a candidate must meet or exceed the Mississippi established minimums on Praxis II and the Specialty Area Assessments

When the approved teacher education program and Mississippi state testing requirements have been met, students may apply for state certification. Applications are signed by the certifying officer and all appropriate data are submitted to the State Department of Education by the applicant.

Rust College graduates currently teach throughout the United States. When certification is desired in another state, keep in mind that most state Departments of Education request a copy of the teaching certificate obtained from the state in which the teacher education program was completed. Graduates may contact a state's Department of Education to request an application for certification and may contact the division chair at Rust College to inquire about individual state certification requirements.

The Education Curriculum

The education curriculum is divided into four distinct units:

1. General Studies for Initial Teacher Preparation
 - a. The general studies include the arts, communications, history, literature, mathematics, philosophy, sciences, and the social sciences.
 - b. The general studies incorporate multicultural and global perspectives.
2. Content Studies for Specialty Area Preparation

Content courses develop an understanding of the structure, skills, core concepts, ideas, values, facts, methods of inquiry, and uses of technology in the discipline or subject area.

The Division of Education considers all students majoring in education—both elementary and secondary—as education majors; however, the content studies that make up the certification areas or majors in Business, Humanities, Social Sciences, Mathematics, and Science are determined by those divisions.

3. Professional and Pedagogical Studies for Initial Teacher Preparation

Professional and pedagogical courses ensure that teacher candidates acquire and learn to apply knowledge and skills to become competent to work with all students.

The professional studies component is a well-planned sequence of courses and experiences based upon INTASC Standards:

- | | |
|---------------|--|
| Principle 1: | Understands the central concepts, tools of inquiry, and structure of the disciplines taught; creates learning experience to make them meaningful to students |
| Principle 2: | Understands how children learn and develop; provides learning opportunities that support their development |
| Principle 3: | Understands how students differ in their approaches to learning, creates instructional opportunities adapted to diverse learners |
| Principle 4: | Understands and uses a variety of instructional strategies |
| Principle 5: | Creates a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation |
| Principle 6: | Uses knowledge of communication techniques to foster active inquiry, collaboration, and supportive interaction |
| Principle 7: | Plans instruction based on knowledge of subject matter, students, the community, and curriculum goals |
| Principle 8: | Understands and uses formal and informal assessment |
| Principle 9: | Reflects on learning |
| Principle 10: | Fosters relationships with colleagues, parents, and agencies in the larger community. |

The professional and pedagogical component provides sufficient opportunities for the application and evaluation of the theories that are taught. This component is comprised of 29 semester hours that are required of all students, regardless of certification area. The experiences are sequenced so that students move through stages of increased responsibility for classroom instruction or other professional roles in schools. This common core includes the following courses:

EDUC	230	Foundations of Education	3
PSYC	331	Psychology of Exceptional Students	3
PSYC	332	Human Growth, Development, & Diversity	3
EDUC	323	Educational Technology	2
EDUC	430	Measurement and Evaluation	3
EDUC	433	Integrative Teaching Seminar	3
EDUC	460/461	Internship (Student Teaching)	12

Clinical experiences are a part of the professional and pedagogical courses. Clinical experiences consist of pre-student teaching field experiences in education where students gain insight into the teaching profession so that they can decide whether to remain in the teaching profession. All clinical experiences are conducted in the Professional Development Schools (PDS).

ELEMENTARY EDUCATION

PROGRAM A: ELEMENTARY EDUCATION (K-8)

Objectives:

1. Prepare students to teach in grades K—8 and to receive certification from the State of Mississippi.
2. Develop in students a humanistic set of values and the necessary educational competencies that will enable them to become effective teachers.

REQUIRED COURSES FOR THE ELEMENTARY EDUCATION PROGRAM

EDUC	230	Foundations of Education
EDEE	331	Mathematics for Elementary Teachers
EDEE	332	Methods and Materials of Teaching Reading and Language Arts
EDEE	333	Social Science for Elementary Teachers
EDEE	334	Science for Elementary Teachers
EDEE	336	Creative Expressions for Elementary Teachers
EDEE	338	Diagnosis and Treatment of Reading Disabilities
PSYC	330	Educational Psychology
PSYC	331	Psychology of Exceptional Students
PSYC	332	Human Growth, Development, & Diversity
HLMT	335	Physical Education for Children

EDUC	323	Educational Technology
EDUC	430	Measurement and Evaluation
EDUC	433	Integrative Teaching Seminar
EDUC	4 6 0 / 461	Internship (Student Teaching)

In addition to the required courses, all Elementary Education majors seeking endorsement in grades K—4 (Early Childhood) are required to have a concentration of 18 semester hours in a subject area. All Elementary Education majors seeking endorsement in grades 4—8 (Middle School) are required to have a concentration of 18 hours in each of two (2) subject areas. The approved areas of concentration:

- | | |
|-------------------------------------|---|
| 1. English | 7. Fine Arts |
| 2. Reading | 8. Computers |
| 3. Mathematics | 9. Foreign Language (One specific Language) |
| 4. Science | 10. **Math/Computers (combined) |
| 5. Social Studies | 11. **Science/Computers (combined) |
| 6. Safety/Health/Physical Education | |

** 24 hours—(15 hours in Math or Science)—(9 hours in Computer)

REQUIRED PROGRAM FOR B.S. IN ELEMENTARY EDUCATION (K-8)

FRESHMAN YEAR

For details see the Freshman Program 35

SOPHOMORE YEAR

HUMA	230	Fine Arts	3
HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar & Composition	3
RELG	230	Introduction to Biblical Studies	3
_____	_____	Foreign Language I	3
_____	_____	Foreign Language II	3
SOSC	231	Social Science Seminar	3
SOSC	_____	Social Science Elective	3
CMSC	230	Introduction to Personal Computers	3
PRAX	230	PRAX Seminar (not required if student has qualifying ACT or SAT score)	3
MAT	_____	Math Elective	3
AEP	211/211	Academic Enrichment	1
CEP	208/209	Oral Book Review	.50
Courses to complete concentration			
_____	_____	_____	3
_____	_____	_____	3
_____	_____	_____	3
TOTAL			34.5–43.5

JUNIOR YEAR

FOUNDATIONS BLOCK:

EDUC	230	Foundations of Education	3
PSYC	332	Human Growth, Development, & Diversity	3
PSYC	330	Educational Psychology	3
PSYC	331	Psychology of Exceptional Students	3

LITERACY/CONTENT BLOCK:

EDEE	332	Methods and Materials of Teaching Reading and Language Arts	3
EDEE	338	Diagnosis and Treatment of Reading Disabilities	3
EDEE	336	Creative Expressions for Teachers	3
EDEE	331	Mathematics for Teachers	3
EDEE	334	Science for Teachers	3
EDEE	333	Social Science for Teachers	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.50
		TOTAL	31.5

SENIOR YEAR

INTEGRATIVE/ASSESSMENT BLOCK:

EDUC	430	Measurement and Evaluation	3
HLMT	335	Physical Education for Children	3
EDUC	433	Integrative Teaching Seminar	3
PRAX	320	Praxis II Seminar	2
EDUC	323	Educational Technology	2

SYNTHESIS BLOCK

EDUC	460/461	Internship (Student Teaching)	12
EDUC	401	Student Teaching Seminar	0
		TOTAL	25.0
		TOTAL SEMESTER HOURS:	130.0

The degree granted through the Division of Education requires that at least 25 percent of credit semester hours be earned through instruction offered at Rust College. Student teaching must be completed in a school district with which Rust College has a contractual agreement. All program requirements are in response to Mississippi Department of Education regulations and subject to change.

PROGRAM B: CHILD CARE MANAGEMENT

Objectives:

1. Provide education for personnel who are working with preschool children
2. Provide multidisciplinary management skills for Child Care workers.

The Division of Education operates the Rust College Child Developmental Center for preschool children of students, employees, and the community. The center which is an instructional facility provides the field-based and clinical experiences for majors in Child Care Management. Students are trained to care for and enhance the developmental progress of children ages 2 through 4 and to operate child care centers as an effective and efficient business.

REQUIRED PROGRAM FOR B.S. IN CHILD CARE MANAGEMENT

FRESHMAN YEAR

For details see the Freshman Program 35

SOPHOMORE YEAR

HUMA	230	Fine Arts	3
		or	
HUMA	233	Humanities Seminar	3
		and	
ENGL	232	Advanced Grammar & Composition	3
RELG	230	Introduction to Biblical Studies	3
—	—	Foreign Language I	3
—	—	Foreign Language II	3
SOSC	231	Social Science Seminar	3
BMIS	230	Basic Computer Concepts	3
HLMT	232	Holistic Health	3
HLMT	234	First Aid	3
BACC	231	Principles of Accounting I	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.50
		TOTAL	31.50

JUNIOR YEAR

EDEC	230	Principles of Early Childhood Education	3
EDEC	231	Curriculum/Methods of Early Childhood Education	3
BMKT	230	Principles of Marketing	3
BMGT	230	Principles of Management	3
EDUC	230	Foundations of Education	3
EDEC	233	Teaching Reading/Lang. Arts in the Preschool	3
EDEC	232	Teaching Math./Science in the Preschool	3
EDEC	236	Creative Expressions in the Preschool	3
HLMT	335	Physical Education for Children	3
SOCI	333	The Family	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.50
		TOTAL	31.50

SENIOR YEAR

BUAD	333	Business Communication	3
BMGT	330	Small Business Management	3
BMIS	331	Business Computer Technology	3
PSYC	332	Human Growth, Development, & Diversity	3
PSYC	331	Psychology of Exceptional Students	3
BMGT	430	Human Resource Management	3
SOWK	435	Child Welfare Services	3
EDUC	433	Integrative Teaching Seminar	3
EDEC	460	Internship	6
		TOTAL	30.0
		TOTAL SEMESTER HOURS	128.0

PROGRAM C: EARLY CHILDHOOD EDUCATION

Objectives:

1. Provide entry-level education for personnel who are working with pre-school children
2. Provide educational foundation for Child Care workers who may proceed with the bachelor's degree.

REQUIRED PROGRAM FOR THE A.S. IN EARLY CHILDHOOD EDUCATION

GENERAL EDUCATION

ENGL	131	Grammar & Composition I	3
ENGL	132	Grammar & Composition II	3
HIST	131	World History I	3
HIST	132	American History	3
MATH	130	Elementary Algebra	3
or		or	
MATH	131	General Mathematics	3
BIOL	130	Biological Science	3
SPCH	131	Fundamentals of Speech	3
HLMT	232	Holistic Health	3
SOCI	230	Introduction to Sociology	3
ENGL	331	Advanced Grammar and Composition	3
		TOTAL	30

SPECIALIZED AND PROFESSIONAL EDUCATION

EDUC	230	Foundations of Education	3
EDEC	230	Principles of Early Childhood Education	3
EDEC	231	Curriculum Methods in Early Childhood Education	3
EDEC	233	Reading and Language Arts in the Preschool	3
EDEC	232	Mathematics and Science in the Preschool	3
EDEC	236	Creative Expressions in the Preschool	3
EDEE	335	Literature in the School	3

PSYC	332	Human Growth, Development, & Diversity	3
PSYC	331	Psychology of Exceptional Students	3
TOTAL			27

ELECTIVES:

Two electives chosen from the following:

HLMT	335	Physical Education for Children	3
CMSC	230	Introduction to Personal Computers	3
SOCI	333	The Black Family	3
PSYC	230	General Psychology	3
PSYC	432	Theories of Learning	3
BIOL	330	Nutrition	3
BIOL	310	Nutrition Lab	1
TOTAL SEMESTER HOURS			63 or 64

All courses offered in the Associate of Science Degree can be transferred to the Bachelor of Science Degree in Child Care Management at Rust College. Upon completion of the testing requirements, at the end of the freshman year, courses may also be applied to the Elementary Education program.

SECONDARY EDUCATION

Objectives:

1. Prepare students to teach a subject content area in grades 7—12 and to receive certification from the State of Mississippi.
2. Develop in students a humanistic set of values and the necessary educational competencies that will enable them to become effective teachers.

The required program for the following certification areas is described in the respective division.

PROGRAM D: BUSINESS EDUCATION (The Division of Business)

PROGRAM E: ENGLISH EDUCATION (The Division of Humanities)

PROGRAM F: GENERAL SCIENCE EDUCATION (The Division of Science and Mathematics)

PROGRAM G: MATHEMATICS EDUCATION (The Division of Science and Mathematics)

PROGRAM H: SOCIAL SCIENCE EDUCATION (The Division of Social Sciences)

EDUCATION

Description of Courses

PRAX 230 PRAXIS I SEMINAR

3 Sem. Hrs.

This is a seminar course designed to familiarize students with the format of the PRAXIS Examination. The seminar is designed to present the principles of test-wisness: time-using, error avoidance, guessing, deductive reasoning, and cue-using strategies. All potential education majors are required to take this seminar. This course is required for prospective education majors who have not met the entrance requirements on the ACT or SAT examinations.

PRAX 320 PRAXIS II SEMINAR

2 Sem. Hrs.

This is a seminar course designed to familiarize students with the format of the Praxis II Examination: Principles of Learning and Teaching as well as the Elementary Education content examination. The seminar presents the standards and competencies from INTASC, NBPTS, and Praxis. Principles of test-wisness and cue-using strategies are also presented. The course is recommended for students as they prepare to take the Praxis II examination.

EDUC 230 FOUNDATIONS OF EDUCATION

3 Sem. Hrs.

This course is designed to present the social, cultural, political, and historical facts and philosophical ideas which have influenced the development of modern education. Emphasis is placed on education with special attention to the school as a social institution. The course includes an observation and reflection experience in an actual teaching classroom.

EDUC 323 EDUCATIONAL TECHNOLOGY

2 Sem. Hrs.

This is a laboratory, demonstration, and training course that is focused on an individualized, hands-on approach to the use of educational technology and media. Students will develop a multimedia portfolio to meet ISTE standards.

EDUC 401 STUDENT TEACHING SEMINAR

0 Sem. Hrs.

This course deals with the identification and examination of problems, materials and methods of student teaching in elementary and secondary schools. Attention will be given to curriculum and methodology in the student teaching situation. The course also requires study and experiences designed to develop competencies which enhance the critical thinking ability of the student in any content area. The major goal of the course is to assist students in their teaching internship.

EDUC 430 MEASUREMENT AND EVALUATION

3 Sem. Hrs.

This course is designed as a study of principles and methods of measurement, testing, and evaluation in education, including the construction, selection, administration, interpretation, and use of standardized and informal tests. Techniques of appraising aptitudes, achievement, personality, pupil classification, guidance, and referrals will be included. Emphasis is placed on the use of elementary descriptive statistics.

EDUC 431 PRINCIPLES, PROBLEMS, AND METHODS OF TEACHING

3 Sem. Hrs.

This course deals with identification of problems and an examination of problems, materials, and methods of teaching in the public elementary and secondary schools. Attention will be given to curriculum and methodology in the teaching situation. The course requires study and experiences designed to develop competencies which enhance the critical thinking ability of the student in any content area. The major goal of the course is to prepare students for the teaching internship.

EDUC 433 INTEGRATIVE TEACHING SEMINAR

3 Sem. Hrs.

This seminar is a capstone course designed to integrate general, content, and professional and pedagogical knowledge to create meaningful learning experiences for all students. The course provides enrichment and guidance for the student teaching experience. The seminar places emphasis on matters of instruction, classroom management, evaluation, and other professional issues, including seeking, applying, and interviewing for a teaching position.

EDUC 460/461 INTERNSHIP (STUDENT TEACHING)

12 Sem. Hrs.

This course is required as the culminating experience of all students who are planning to teach in the elementary and/or secondary school. The course consists of a 12-week internship of observation, lesson and unit planning, and student teaching in the classroom.

ELEMENTARY EDUCATION Course Descriptions

EDEE 330 TEACHING READING IN THE ELEMENTARY SCHOOL

3 Sem. Hrs.

This course aims to foster an understanding of the methods and materials in the reading instructional program. Special emphasis is placed on instruction and developmental methodologies with which the individual teacher can increase the reading abilities of elementary school children. Students observe and reflect upon the developmental methodologies in a reading class.

EDEE 331 MATHEMATICS FOR ELEMENTARY TEACHERS

3 Sem. Hrs.

This course is designed to teach the mathematics content and concepts in the elementary school. The psychological principles and mathematical theories related to the mathematics curriculum in the elementary school are analyzed. Practical teaching strategies, assessment activities, lesson plan preparation, and content learning activities will be studied. Students observe and reflect upon the methodologies in a mathematics class.

EDEE 332 METHODS AND MATERIALS OF TEACHING READING AND LANGUAGE ARTS

3 Sem. Hrs.

This course is designed to explore and evaluate a variety of methods and approaches that provide the basis for most reading and language arts pro-

grams currently available for classroom use. Consideration is given to materials for developmental and remedial reading instruction, guidelines in selecting materials in the areas by skill improvement, technological devices, and professional literature. Special emphasis is placed on teaching reading, listening, speaking, and writing so that children may reach their maximum capacity in all aspects of their reading and language development. Students observe a reading class and reflect upon the methods and materials that are effective for teaching reading and language arts.

**EDEE 333 SOCIAL SCIENCE FOR ELEMENTARY
TEACHERS**

3 Sem. Hrs.

This course is designed to teach the social science content and concepts in the elementary school with special emphasis on human relationships to habitat, geography, groups, and governmental institutions. Key elements of effective social studies instruction that reflect an awareness of the personal, social, and cultural experiences and developmental levels of learners are featured. Practical teaching strategies, assessment activities, lesson plan preparation, and content learning activities will be studied. Students observe a social studies class and reflect upon the content and methods for teaching that content.

EDEE 334 SCIENCE FOR ELEMENTARY TEACHERS

3 Sem. Hrs.

This course is designed to teach the scientific content and concepts in the elementary school. The psychological principles and scientific theories related to the science curriculum in the elementary school are analyzed. Practical teaching strategies, assessment activities, lesson plan preparation, and content learning activities needed to teach biological and physical sciences and health will be studied. Students observe a science class and reflect upon the methods for teaching science content.

EDEE 335 LITERATURE IN THE SCHOOL

3 Sem. Hrs.

This course provides a study of the stories, poems, and other types of literature representative of various moods and age levels for the elementary and/or preschool. General characteristics and criteria for selection, interpretation, and evaluation are included.

**EDEE 336 CREATIVE EXPRESSIONS FOR ELEMENTARY
TEACHERS**

3 Sem. Hrs.

This course is designed to present the views of discipline-based art, music, and creative expressions in a balanced general curriculum in the elementary school. Emphasis is placed on the methodology for nurturing creative thought and expression, developing an understanding of diverse cultural values, and encouraging students' abilities to communicate artistically, musically, and creatively through a variety of media. Students observe a class and reflect upon the methods for nurturing creative expressions.

**EDEE 337 LANGUAGE ARTS FOR ELEMENTARY
TEACHERS**

3 Sem. Hrs.

This course deals with the role of language in the child's life with a critical examination of the content and concepts of speaking, writing, reading, and

listening in the elementary school. Emphasis is placed on goals, methods, and materials for teaching language arts in the elementary classroom with focus upon language development. Students observe a language arts class and critically reflect upon the content and methodology involved in developing language and communication skills.

**EDEE 338 DIAGNOSIS AND TREATMENT OF READING
 DISABILITIES**

3 Sem. Hrs.

This course is designed to discuss methods of evaluation including formal and informal inventories, interpreting visual, psychological and interdisciplinary data, approaches to remediation through the use of media, the writing of diagnostic and progress reports, methods, and techniques.

**EDEE 432 METHODS OF TEACHING IN THE ELEMENTARY
 SCHOOL**

3 Sem. Hrs.

This course is designed as a study of alternative teaching methods, techniques, instructional materials, activities, and assessment for the improvement of the teaching-learning process in the elementary school. The course involves analyzing the components of quality teaching, receiving guidance in proper classroom management and planning, working with parents, and community resources. Special emphasis is placed upon the beginning competencies for teachers as developed from observation and reflection in an actual elementary classroom.

**SECONDARY EDUCATION
Course Descriptions**

EDSE 313 TEACHING STRATEGIES PRACTICUM

1 Sem. Hr.

This course is a field-based observation course taken by students prior to beginning their secondary school student teaching. The course includes both the study of classroom management and on-site classroom observation of a master teacher and the classroom pupils. The student completes 30 clock hours of classroom observation and 20 clock hours of Practicum study with the college supervisor.

**EDSE 331 TEACHING READING IN THE SECONDARY
 SCHOOL**

3 Sem. Hrs.

This course aims to foster an understanding of the methods and materials employed in specific reading improvement programs in secondary school. Focus is placed upon providing a methodology with which the individual teacher can increase the reading abilities of students in the particular content areas.

EARLY CHILDHOOD EDUCATION

Course Descriptions

EDEC 230 PRINCIPLES OF EARLY CHILDHOOD EDUCATION

3 Sem. Hrs.

This course deals with principles of education in nursery school, kindergarten, and early childhood grades. Emphasis is placed upon organization, administration, curriculum, materials, and methods in the preschool experience.

EDEC 231 CURRICULUM AND METHODS OF EARLY CHILDHOOD EDUCATION (Observation and Participation)

3 Sem. Hrs.

This course deals with curriculum methods in early childhood education with stress on principles and methods of developing curricula for children at different levels of maturity in the preschool. Students engage in an observation and participation experience in the Rust College Child Developmental Center.

EDEC 232 MATHEMATICS AND SCIENCE IN THE PRESCHOOL

3 Sem. Hrs.

This course is designed to teach the number readiness skills and the science awareness skills needed in the preschool. The psychological principles and theories related to the mathematics and science curriculum in the preschool are analyzed. Stress is placed on practical teaching strategies, assessment activities, lesson plan preparation, and learning activities. Students observe and participate in an actual mathematics and science classroom and reflect upon the skills gained from that experience.

EDEC 233 READING AND LANGUAGE ARTS IN THE PRESCHOOL

3 Sem. Hrs.

This course aims to foster an understanding of the methods and materials in the reading instructional program in the preschool. Special emphasis is placed on instruction and developmental methodologies with which the individual teacher can increase the reading awareness and readiness of preschool children. Students observe and participate in an actual reading and language arts classroom and reflect upon the skills gained from that experience.

EDEC 236 CREATIVE EXPRESSIONS IN THE PRESCHOOL

3 Sem. Hrs.

This course is designed to present the theories and methods for teaching art, music, and creative expressions in the preschool. Emphasis is placed on the methodology for nurturing creative thought and expression, developing an understanding of diverse cultural values, and encouraging students' abilities to communicate artistically, musically, and creatively through a variety of media. Students observe and participate in an actual creative expressions lesson and reflect upon the skills gained from that experience.

EDEC 460 INTERNSHIP

6 Sem. Hrs.

This course is required as the culminating experience of all students who are planning to operate child care centers. The course consists of a 6-week

internship of observation, lesson and unit planning, teaching in the classroom, and administrative functions in the operation of a child care center.

PSYCHOLOGY

Course Descriptions

PSYC 230 GENERAL PSYCHOLOGY 3 Sem. Hrs.

This course is an introduction to general psychology. The course is planned for beginning students and provides a basis for more advanced courses. It is a survey of such topics as learning, heredity, environment, motivation, feelings, emotions, perception, thinking imagination, and personality.

PSYC 330 EDUCATIONAL PSYCHOLOGY 3 Sem. Hrs.

This course treats major topics in psychology. Emphasis is placed upon motivation, learning, individual differences and personality with application to educational situations.

PSYC 331 PSYCHOLOGY OF EXCEPTIONAL STUDENTS 3 Sem. Hrs.

This course deals with the definition, classification, and characteristics of the areas of exceptionality and the behavioral problems associated with each. Due consideration is given to the psychological factors affecting the learning and adjustment of the exceptional student. Special emphasis is placed upon the educational adaptations needed for the various areas of exceptionality.

PSYC 332 HUMAN GROWTH, DEVELOPMENT & DIVERSITY 3 Sem. Hrs.

This course presents a systematic study of the development and behavior of the human from conception to death, the major influences on behavior and developmental tasks of childhood, the impact of culture, special problems of adjustment and development in adolescence, early, middle, and later adulthood. Special emphasis is placed upon the implication of the learning process for these periods of development.

PSYC 432 THEORIES OF LEARNING 3 Sem. Hrs.

This course is a study of the basic laws and theories concerned with learning.

PSYC 434 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 Sem. Hrs.

This course is a study of the historical development of psychology from ancient Greece through the 20th century. Emphasis is placed upon the historical influences on present day psychology.

THE DIVISION OF HUMANITIES

Purpose

The Division of Humanities offers courses designed to prepare students for life in their own cultural setting by providing them the necessary skills and knowledge to continue intellectual development and character formation throughout their lives. We subscribe to the philosophy of John Stuart Mill who wrote, "The purpose of education is to make capable and cultivated human beings," and of Herbert Spencer who wrote, "Education has for its object the formation of character." We believe that the best preparation for any career includes study in courses that teach critical thinking, the student's own culture, appreciation of diverse cultures, and positive character formation—those courses that, in short, help people to become more capable and to live more satisfying and productive lives.

The Division of Humanities offers courses in English, Humanities, Fine Arts, Foreign Languages (French, German, and Spanish), Mass Communications, Music, Religion and Philosophy, Speech and Drama.

MAJOR PROGRAMS

The Division of Humanities offers the following major programs:

English/Liberal Arts

Music

English Education

Mass Communications/Broadcast Journalism

Mass Communications/Journalism

Students who wish to study English with a pre-law emphasis should refer to the political science program for the fifteen-hour course recommendation.

ENGLISH/LIBERAL ARTS

The English Liberal Arts degree requires 39 hours of English courses, not to include English 131, English 132, English 133, and English 232, the general education requirements. Remaining hours necessary to complete the 128 hours required for graduation may be used for a minor or electives. However, no more than six elective hours may be used for additional English courses. The Department suggests that English majors take courses in history, philosophy, psychology, theater, foreign language, music, science, math, and/or religion to satisfy the remaining elective requirements. These electives may not, however, be the same as those used to meet the general education requirements.

Requirements for acceptance into the English Major: (a) a grade of no less than C in English 131 and 132; (b) a letter of recommendation from one of the freshman English instructors; and (c) a writing sample.

English Required Courses:

ENGL	230	World Literature
ENGL	232	Advanced Writing
ENGL	330/331	African American Literature I and II
ENGL	333/334	American Literature I and II
ENGL	337	Practical Writing
ENGL	436	English Literature of the Nineteenth Century
ENGL	460	Internship

ONE of the following:

ENGL	434	History of the English Language
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OR

ENGL	438	Literary Criticism
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TWO of the following English literatures before the 19th Century:

ENGL	335	English Literature of the Sixteenth Century
ENGL	336	English Literature of the Seventeenth Century
ENGL	339	Medieval Literature
ENGL	432	Shakespeare
ENGL	435	English Literature of the Eighteenth Century

ENGLISH EDUCATION

English Education majors will take the following English and Education courses. The Departments recommend the same electives as those suggested for the English/Liberal Arts major.

ENGL	230	World Literature
ENGL	232	Advanced Writing
ENGL	330/331	African American Literature I and II
ENGL	333/334	American Literature I and II
ENGL	337	Practical Writing
ENGL	434	History of the English Language
ENGL	436	English Literature of the Nineteenth Century
ENGL	437	Major Authors

ONE of the following English literatures before the 19th Century

ENGL	335	English Literature of the Sixteenth Century
ENGL	336	English Literature of the Seventeenth Century
ENGL	339	Medieval Literature
ENGL	432	Shakespeare
ENGL	435	English Literature of the Eighteenth Century

Education Courses:

EDUC	230	Foundations of Education
EDSE	313	Teaching Strategies Practicum
EDUC	323	Educational Technology
EDUC	401	Student Teaching Seminar

EDUC	430	Measurement and Evaluation	
EDUC	433	Integrative Teaching Seminar	
EDUC	460/461	Student Teaching	
PSYC	331	Psychology of Exceptional Students	
PSYC	332	Human Growth, Development, and Diversity	

REQUIRED PROGRAM FOR THE B.A. DEGREE IN ENGLISH/LIBERAL ARTS

FRESHMAN YEAR

See Freshman Year Experience Program for Details 35

SOPHOMORE YEAR

SEM. HRS.

ENGL	232	Advanced Grammar and Composition	3
HUMA	233	Humanities Seminar	3
or			
HUMA	230	Fine Arts	3
CMSC	230	Introduction to Personal Computers	3
SOSC	231	Social Science Seminar	3
ENGL	337	Practical Writing	3
AEP	211/212	Academic Enrichment Program	1
CEP	208/209	Oral Book Review	.5
		Two Courses in One Foreign Language	6
RELG	230	Introduction to Biblical Studies	3
		Elective	3
		Total	28.5

JUNIOR YEAR

ENGL	332	Advanced Writing	3
ENGL	330/331	African American Literature I and II	6
ENGL	333/334	American Literature I and II	6
AEP	311/312	Academic Enrichment Program	1
CEP	308/309	Oral Book Review	.5
		5 Electives	15
		Total	31.5

SENIOR YEAR

ENGL	435	English Literature of the 19 th Century	3
ENGL	434	History of the English Language	3
or			
ENGL	438	Literary Criticism	3
		Two English Literature courses before the 19 th Century	6
		5 Electives	15
ENGL	460	Internship	6
		Total	33
		Total hours required for graduation	128

REQUIRED PROGRAM FOR THE B.S. DEGREE IN ENGLISH EDUCATION

FRESHMAN YEAR

SEM. HRS.

See Freshman Year Experience for Program Details

35

SOPHOMORE YEAR

ENGL	230	World Literature	3
ENGL	232	Advanced Grammar and Composition	3
HUMA	233	Humanities Seminar	3
or			
HUMA	230	Fine Arts	3
SOSC	231	Social Science Seminar	3
CMSC	230	Introduction to Personal Computers	3
ENGL	337	Practical Writing	3
PRAX	230	PRAXIS Seminar (not required if student has required ACT score)	3
		Two Courses in One Foreign Language	6
RELG	230	Introduction to Biblical Studies	3
AEP	211/212	Academic Enrichment Program	1
CEP	208/209	Oral Book Review	.5
		English Elective	3
		Total	35
		Pre-Professional Skills Test: Subtest:	
		Reading	
		Writing	
		Mathematics	

JUNIOR YEAR

SEM. HRS.

ENGL	330/331	African-American Literature I and II	6
ENGL	332	Advanced Writing	3
ENGL	333/334	American Literature I and II	6
ENGL	437	Major Authors	3
PSYC	331	Psychology of Exceptional Children	3
PSYC	332	Human Growth, Development, Diversity	3
EDUC	230	Foundations of Education	3
EDUC	323	Educational Technology	3
AEP	311/312	Academic Enrichment Program	1
CEP	308/309	Oral Book Review	.5
		Total	31.5
		PRAXIS II Examination: Subtest:	
		Principles of Learning and Teaching	
		Content Area Examination	

SENIOR YEAR:

ENGL	436	English Literature of the 19 th Century	3
ENGL	434	History of the English Language	3

EDUC	413	Teaching Strategies Practicum (Ob/Par)	1
ECUC	430	Measurement and Evaluation	3
EDUC	433	Integrative Teaching Seminar	3
		Education Requirement: One Reading Course	3
EDUC	460/461	Student Teaching	12
		Total	28
		Total hours required for graduation	129

MINOR IN ENGLISH

Eighteen (18) semester hours are required for a minor in English. Students will take the following sequence of courses.

ENGL	332	Advanced Writing	3
ENGL	330/331	African American Literature I and II	6
ENGL	333/334	American Literature I or II	3
		One English Literature course before the 19 th Century	3
ENGL	337	Practical Writing	3
		Total	18

ENGLISH COURSE DESCRIPTIONS

Prerequisites to all English Courses: Successful completion of ENGL 131 and 132 with a minimum grade of C.

ENGL 230 WORLD LITERATURE 3 Sem. Hrs.

A study of selected masterpieces in translation with particular attention to the artistic, historical, and philosophical contexts from which they emerged.

ENGL 231 SURVEY OF LITERATURE 3 Sem. Hrs.

A survey course in the study of form, structure, content of literary genres. Involves critical reading of selected masterpieces and modern works.

ENGL 232 ADVANCED GRAMMAR AND COMPOSITION 3 Sem. Hrs.

A more complex study of grammar and composition including the competencies required to pass the English Proficiency Exam. To successfully complete this course, the student must pass the final exam which is the English Proficiency Exam.

ENGL 234 MYTHOLOGY 3 Sem. Hrs.

An introduction to the great myths of Greece, Rome, and Africa and their influence upon later English, American, and African American literature.

ENGL 330 AFRICAN AMERICAN LITERATURE I 3 Sem Hrs.

A study of the literature of African Americans from its African roots to 1919.

ENGL 331 AFRICAN AMERICAN LITERATURE II 3 Sem. Hrs.

A study of the literature of African Americans from 1919 to the present.

ENGL 332 ADVANCED WRITING 3 Sem. Hrs.

An advanced course in writing designed for future professionals with emphasis on form, style, interpretation, critical exposition, and documentary analysis.

Competency in traditional and Internet-assisted research methods, collaborative learning, construction of professional communications formats with appropriate graphics, and professional presentations of these materials.

ENGL 333 AMERICAN LITERATURE I 3 Sem. Hrs.

A study of the literature of the United States from the Colonial period to Emerson with emphasis upon the unique character of the American experience portrayed by the major writers of the period.

ENGL 334 AMERICAN LITERATURE II 3 Sem. Hrs.

A study of the literature of the United States from Emerson to the present with emphasis upon the unique character of the American experience portrayed by the major writers of the period.

ENGL 335 ENGLISH LITERATURE OF THE SIXTEENTH CENTURY 3 Sem. Hrs.

A study of major writers of English poetry and prose of the Renaissance period, with emphasis on style, philosophy, and content.

ENGL 336 ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY 3 Sem. Hrs.

A study of major writers of English poetry and prose of the seventeenth century literature, with emphasis upon content and literary innovations in style and form.

ENGL 337 PRACTICAL WRITING 3 Sem. Hrs.

A study of the terminology of literary discourse and criticism, as well as methods of documentation based on the MLA handbook. Should be taken in the Sophomore year.

ENGL 338 CONTEMPORARY LITERATURE 3 Sem. Hrs.

A study of recent literature emphasizing English, American, and African American authors but possibly including literature of the continents of Asia and Africa.

ENGL 339 MEDIEVAL LITERATURE 3 Sem. Hrs.

Careful reading of selected masterpieces beginning with Beowulf. Intense discussion and exchange of ideas. Reading materials are chosen at the discretion of the instructor.

ENGL 432 SHAKESPEARE 3 Sem. Hrs.

Analysis of plays, texts, language, character, and conditions of the age, as well as Shakespearean criticism and scholarship.

ENGL 433 CREATIVE WRITING 3 Sem. Hrs.

A course of intensive reading, writing, and revision in the genres of fiction, poetry, and personal essay. In addition to writing and revising their own stories, poems, and essays, students will analyze assigned texts and classmates' work in written papers and workshop discussions.

ENGL 434 HISTORY OF THE ENGLISH LANGUAGE 3 Sem. Hrs.

A study of the development of the English language in relation to the history of England and the influence of other languages. Attention is given to the linguistic development of the language.

**ENGL 435 ENGLISH LITERATURE OF THE
EIGHTEENTH CENTURY**

3 Sem. Hrs.

A period course in the poetry and prose of the neoclassical period and the pre-Romantics.

**ENGL 436 ENGLISH LITERATURE OF THE
NINETEENTH CENTURY**

3 Sem. Hrs.

A study of poetry and prose of major English writers of the nineteenth century, with special emphasis on the Romantics.

ENGL 437 MAJOR AUTHORS

3 Sem. Hrs.

An intensive study of one or more major authors, English and/or American and/or African American. May be repeated for credit.

ENGL 438 LITERARY CRITICISM

3 Sem. Hrs.

An introduction to methods and materials of literary criticism from classical antiquity through modern times, with emphasis on genres, synthesis, and critical analysis. Open to juniors and seniors.

ENGL 439 INTRODUCTION TO FICTION

3 Sem. Hrs.

Readings in selected American, African American, and British novels, stressing the origin and development of the novel from the eighteenth century. Open to juniors and seniors.

ENGL 460 INTERNSHIP

6 Sem. Hrs.

A work experience where related skills and knowledge of English can be effectively applied. (Prerequisite: Consent of advisor and divisional chair)

**HUMANITIES
Course Descriptions**

HUMA 230 FINE ARTS

3 Sem. Hrs.

An introduction to the arts of painting, sculpture, and music, with some attention to architecture and the so-called minor arts—pottery, handcrafts, etc. The student will be introduced to the idea of periods of artistic development in human culture and the interrelationships of the arts within periods.

HUMA 233 HUMANITIES SEMINAR

3 Sem. Hrs.

An interdisciplinary course designed to provide a broad-based humanistic study of art and music with special emphasis on the integration of other western and non-western cultural contributions, including literature and philosophy. An attempt is made to include the African American cultural heritage as an integral part of the course content. (This course or HUMA 230 can fulfill the general education requirement for Humanities.)

HUMA 330 WRITER'S WORKSHOP

3 Sem. Hrs.

An open approach to writing whose major aim is to explore and correct the student's individual writing problems. Open to all students above the freshman level. The course may include creative, journalistic, and technical writing. May be repeated for credit.

HUMA 331 SEMINAR ON THE FUTURE OF MAN**3 Sem. Hrs.**

An interdisciplinary course designed to help students make a critical study of the key problems and issues posed by technological advancement and implications for human beings in the future.

HUMA 430 HUMANITIES HONORS PROGRAM**3 Sem. Hrs.**

An interdisciplinary course designed to help the honor students acquire a mature, integrated and broad knowledge of the various disciplines comprising the humanities and to enable them to analyze and synthesize knowledge and apply it in the promotion of humanistic values in a democratic society.

MASS COMMUNICATIONS

The primary goal of the Mass Communications Program is to provide students with a broad education in the liberal arts while training them in the technical skills necessary to become effective and productive communicators in the mass media. Of the 131 hours required for graduation, 90 hours must be other than mass communication courses.

General Requirements for all Mass Communications degrees:

- The completion of a minimum of 90 semester hours outside Mass Communications.
- A minimum of 6 semester hours of internship.
- A minimum of 25 hours of laboratory time per module, or three hours per week, or fifty hours per semester. These hours are beyond the regular class-oriented laboratories.
- An approved final project in the senior year. A student will not graduate if this is not successfully completed.
- A minimum grade of C in all required courses in Mass Communications, as well as in ancillary writing courses such as basic grammar and composition and advanced grammar and composition.
- A minimum proficiency of 30-35 words per minute in typing.

Core Courses

MACO	230	Introduction to Mass Media
MACO	232	Newswriting and Reporting
MACO	236	Public Relations and Message Design
MACO	330	Communication Law
MACO	334	Advertising
MACO	434	Research in Communication
MACO	460	Internship
SOSC	330	Introduction to Statistics

MASS COMMUNICATIONS/BROADCAST JOURNALISM

MACO	231	Introduction to Radio Production
MACO	233	Introduction to Television Production
MACO	432	Announcing Laboratory

MACO	431	Advanced Radio Production
MACO	433	Advanced Television Production

MASS COMMUNICATIONS/PRINT JOURNALISM

JOUR	230	Introduction to Journalism
JOUR	330	Intermediate Journalism
JOUR	332	Copyreading and Editing
JOUR	335	Newspaper Graphics and Design
JOUR	430	Advanced Journalism

REQUIRED PROGRAM FOR THE B.A. DEGREE IN MASS COMMUNICATIONS/ BROADCAST JOURNALISM

FRESHMAN YEAR

35

See Freshman Year Experience Program for Details

SOPHOMORE YEAR

MACO	230	Introduction to Mass Media	3
MACO	231	Introduction to Radio Production	3
MACO	233	Introduction to Television Production	3
CMSC	230	Introduction to Personal Computers	3
ENGL	232	Advanced Grammar and Composition	3
HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
AEP	211/212	Academic Enrichment Program	1
CEP	209/209	Oral Book Review	.5
		Three Electives	9
		Total	31.5

JUNIOR YEAR:

RELG	230	Introduction to Biblical Studies	3
MACO	232	Newsriting and Reporting	3
MACO	236	Public Relations and Message Design	3
MACO	332	Announcing Laboratory	3
MACO	334	Advertising	3
SOSC	330	Introduction to Statistics	3
CEP	308/309	Oral Book Review	.5
AEP	311/312	Academic Enrichment	1
		Two Courses in One Foreign Language	6
		Three Electives	9
		Total	34.5

SENIOR YEAR:

MACO	330	Communication Law	3
MACO	431	Advanced Radio Production	3
MACO	433	Advanced Television Production	3
MACO	434	Research in Communication	3

MACO	460	Internship	6
		Four Electives	12
		Total	30
		Total hours required for graduation	131

REQUIRED PROGRAM FOR THE B.A. DEGREE IN MASS COMMUNICATIONS/PRINT JOURNALISM

FRESHMAN YEAR:

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

			Sem. Hrs.
MACO	230	Introduction to Mass Media	3
JOUR	230	Introduction to Journalism	3
HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
ENGL	232	Advanced Grammar & Composition	3
SMSC	230	Introduction to Personal Computers	3
RELG	230	Introduction to Biblical Studies	3
AEP	211/212	Academic Enrichment Program	1
CEP	208/209	Oral Book Review	.5
		Three Electives	9
		Total	31.5

JUNIOR YEAR

JOUR	232	Newswriting and Reporting	3
MACO	236	Public Relations and Message Design	3
JOUR	330	Intermediate Journalism	3
MACO	334	Advertising	3
JOUR	335	Newspaper Graphics and Design	3
SOSC	330	Introduction to Statistics	3
		Three Electives	9
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		Two Courses in One Foreign Language	6
		Total	34.5

SENIOR YEAR

JOUR	332	Copyreading and Editing	3
JOUR	430	Advanced Journalism	3
MACO	330	Communication Law	3
MACO	434	Research in Communication	3
MACO	460	Internship	6
		Four Electives	12
		Total	30
		Total hours required for graduation	131

Minor Programs

Eighteen (18) semester hours are required for a minor. Students will take one of the two structured sequences below.

MINOR IN BROADCAST JOURNALISM

MACO	230	Introduction to Mass Media
MACO	231	Introduction to Radio Production
MACO	232	Newswriting and Reporting
MACO	233	Introduction to Television Production
MACO	433	Advanced Television Production
MACO	431	Advanced Radio Production

MINOR IN PRINT JOURNALISM

MACO	230	Introduction to Mass Media
JOUR	230	Introduction to Journalism
JOUR	330	Intermediate Journalism
JOUR	332	Copyreading and Editing
JOUR	335	Newspaper Graphics and Design
JOUR	430	Advanced Journalism

MASS COMMUNICATIONS/BROADCAST JOURNALISM COURSE DESCRIPTIONS

MACO 230 INTRODUCTION TO MASS MEDIA **3 Sem. Hrs.**
Introduces a variety of media forms such as radio, newspaper, television, magazine, advertising, etc., with emphasis on their history, but also examine the present state of the media and the outlook for the future.

MACO 231 INTRODUCTION TO RADIO PRODUCTION **3 Sem. Hrs.**
Introduces the fundamentals of radio production elements, including equipment, techniques, and methods. Laboratory experience includes producing PSAs, soundbeds, station Ids, and other radio production formats for WURC-FM or RC-TV2.

MACO 232 NEWSWRITING AND REPORTING **3 Sem. Hrs.**
Focuses on the gathering, processing, and reporting of news, including interviewing, investigative reporting, and understanding of the beat systems. Involves a lab experience and field work. (Prerequisite: CMSC 230)

MACO 233 INTRODUCTION TO TELEVISION PRODUCTION **3 Sem. Hrs.**
Introduces basic television production elements, including equipment, techniques, and methods. Laboratory experience includes live and videotaped projects with RC-TV2. Enrollment limited.

MACO 234 INTRODUCTION TO PHOTOGRAPHY **3 Sem. Hrs.**
Introduces the fundamentals of photography with emphasis on basic photographic techniques of 35 mm cameras, darkroom techniques, and methods for producing quality prints and slides for new publications.

MACO 236 PUBLIC RELATIONS AND MESSAGE DESIGN 3 Sem. Hrs.
Introduces and investigates elements of effective communication, including the dimensions of perception, meaning, environment, attitude, and technology. Students will be able to apply theoretical concepts to practical problems of individual groups of people. (Prerequisite: MACO 230)

MACO 238 INTRODUCTION TO AUDIO PRODUCTION 3 Sem. Hrs.
Introduces basic audio production elements, including equipment, techniques, and methods. Laboratory experience includes recording live events and editing them for broadcast on WURC-FM.

MACO 330 COMMUNICATION LAW 3 Sem. Hrs.
Examines the laws, regulations, and policies governing the field of communication, such as FCC rules and regulations, current laws, etc., for both print and non-print media, as well as other factors such as unions and personnel relations.

MACO 331 MEDIA ETHICS 3 Sem. Hrs.
This course deals with legal and ethical problems journalists face in routine gathering and disseminating of information.

MACO 334 ADVERTISING 3 Sem. Hrs.
Analyzes advertising in the print and broadcast media from the points of view of the advertising agency, the advertiser, and the consumer. Covers basic concepts of advertising with much emphasis on how these concepts affect the Black consumer and the Black advertiser.

MACO 336 COMMUNICATION THEORY 3 Sem. Hrs.
Examines the principles and theoretical framework which describe various forms of communications phenomena: Interpersonal communication, group interaction, symbolism, non-verbal communication, etc.

MACO 337 ANNOUNCING LABORATORY 3 Sem. Hrs.
Emphasizes attainment of oral skills required for proper techniques and styles of announcing.

MACO 430 TELEVISION DOCUMENTARY 3 Sem. Hrs.
Techniques in planning and executing an informative feature—length cultural and public affairs programs.

MACO 431 ADVANCED RADIO PRODUCTION 3 Sem. Hrs.
Emphasizes the technical aspects of radio production, including radio station management and operation. Laboratory experiences involve regular on-air shifts with WURC-FM radio. (Prerequisite: MACO 231).

MACO 432 WORLD COMMUNICATION SYSTEMS AND CULTURE 3 Sem. Hrs.
Compares and analyzes the media institutions in various countries. Students will learn how political, cultural, economic, and religious peculiarities of countries affect media institutions and media practices, as well as the flow of information within and beyond national borders.

MACO 433 ADVANCED TELEVISION PRODUCTION **3 Sem. Hrs.**
Emphasizes perfecting of television production skills, with increased attention to the technical aspects of TV production. Individual and class projects of broadcast quality are expected in connection with an RC-TV2 laboratory experience. (Prerequisite: MACO 233).

MACO 434 RESEARCH IN COMMUNICATION **3 Sem. Hrs.**
Applies the theories of human communication to show that the student has acquired a substantial understanding of the nature of the field. Students will be exposed to different types of research methods and will define problems, show theoretical frameworks, formulate hypotheses, indicate types of testing procedures, and interpret results statistically. (Prerequisite: SOSC 330).

MACO 436 MEDIA CRITICISM **3 Sem. Hrs.**
Studies the principles, methods, and practices of evaluating media based on analytical thinking. The course is conducted in seminar fashion with student preparation through outside reading assignments. Open to juniors and seniors only.

MACO 437 INDEPENDENT STUDY IN MASS COMMUNICATIONS **3 Sem. Hrs.**
Studies special topics in greater depth. Content and format will be worked out with the instructor. Permission must be obtained from Division Chair and Advisor. Course may be repeated for credit.

MACO 438 ADVANCED AUDIO PRODUCTION **3 Sem. Hrs.**
Exposes students to professional audio recording techniques. Students are required to produce individual studio material of professional or near professional quality. Applications of audio technique, electronics, and theory. (Prerequisite: MACO 238).

MACO 460 INTERNSHIP **6 Sem. Hrs.**
Provides students with valuable work experience, as well as theoretical knowledge, in the field of broadcast or print journalism.

MASS COMMUNICATIONS/PRINT JOURNALISM COURSE DESCRIPTIONS

JOUR 230 INTRODUCTION TO JOURNALISM **3 Sem. Hrs.**
Introduces the basic forms and concepts of journalistic writing and reporting of news. Emphasis is on newspaper writing, including an introduction to understanding how and where decisions are made in American society.

JOUR 232 NEWSWRITING AND REPORTING **3 Sem. Hrs.**
Concentrates on the gathering, processing, and reporting of information, including interviewing, investigative reporting, and beat systems. Involves a lab experience and field work. (Prerequisite: JOUR 230)

JOUR 330 INTERMEDIATE JOURNALISM **3 Sem. Hrs.**
Examines journalistic principles of writing and reporting for the print media with an emphasis on specialized reporting for print media and on specialized

reporting techniques. Laboratory experiences will consist of writing news copy for the Rustorian. (Prerequisite: JOUR 230).

JOUR 332 COPY READING AND EDITING 3 Sem. Hrs.

Examines the principles and practices of copy reading and editing, including headlining and layout of newspapers. Lab required. (Prerequisites: MACO 232).

JOUR 335 NEWSPAPER GRAPHICS AND DESIGN 3 Sem. Hrs.

Provides students with a solid base of knowledge of desktop publishing. Utilizes both lecture and laboratory to create text and graphics, comb text and graphics, layout and design newspapers and other publications.

JOUR 430 ADVANCED JOURNALISM 3 Sem. Hrs.

Examines advanced principles of investigative and freelance writing and reporting for the print media. Laboratory experience includes writing news stories and features for publication in regional newspapers. (Prerequisites: JOUR 230 and JOUR 330)

JOUR 431 SCHOOL PUBLICATIONS 3 Sem. Hrs.

Principles and practices of school publications including the school newspaper and the yearbook and the functions and responsibilities for the teacher as an advisor for school publications. Recommended for secondary school teachers.

JOUR 432 ADVANCED COPY EDITING 3 Sem. Hrs.

Advanced principles and practices of copy reading and editing, headlining and layout of newspapers and magazines. Prerequisite: JOUR 332

MODERN FOREIGN LANGUAGES COURSE DESCRIPTIONS

FREN 231/232 ELEMENTARY FRENCH I AND II 6 Sem. Hrs.

A beginning course in French with a study of basic principles of pronunciation, grammar, syntax, and vocabulary.

FREN 331/332 INTERMEDIATE FRENCH I AND II 6 Sem. Hrs.

An intensive review of grammar, idiom and idiomatic usage, guided oral practice, and suitable reading selections by modern authors. Training in oral and written expression. (Prerequisites: FREN 231/232)

FREN 430 CONVERSATION AND COMPOSITION 3 Sem. Hrs.

French as a spoken and written language, concentration in individual assistance with the sounds of the language, syntax, and correctness of expression in everyday French.

FREN 433 ADVANCED GRAMMAR AND COMPOSITION 3 Sem. Hrs.

Study of modern French grammar with emphasis on specific problems of sentence structure and use of words. Develops the student's ability to translate selected literary texts and compose essays in French (Prerequisite: FREN 332).

GRMN 231/232 ELEMENTARY GERMAN I AND II 6 Sem. Hrs.

Beginning courses in German with study of basic principles of pronunciation, grammar, syntax, and vocabulary. This course will provide intensive oral drill, frequent dictations, and graduated supervised reading.

GRMN 333/334 INTERMEDIATE GERMAN I AND II 6 Sem. Hrs.

An intensive review of grammar, idiom, idiomatic usage, guided oral practice, and suitable reading selections by modern authors. Training in oral and written expression. (Prerequisites: GRMN 231/232)

GRMN 430 CONVERSATION AND COMPOSITION 3 Sem. Hrs.

German as a spoken and written language, concentration of individual assistance with the sounds of the language, syntax, and correctness of expression in everyday German.

GRMN 431 ADVANCED GRAMMAR AND COMPOSITION 3 Sem. Hrs.

Study of modern German grammar with emphasis on specific problems of sentence structure and use of words. Develops the student's ability to translate selected literary texts and compose essays in German (Prerequisite: GRMN 334).

GRMN 433/434 SURVEY OF GERMAN LITERATURE 3 Sem. Hrs.

A comprehensive look at German literature with emphasis on the authors who contributed to its development before and after Goethe, covering the seventeenth through the twentieth centuries. Emphasis will be placed on major poetry, the German lyrics, novels, and drama.

SPAN 231/232 ELEMENTARY SPANISH I AND II 6 Sem. Hrs.

Beginning courses in Spanish with the study of basic principles of pronunciation, grammar, syntax, and vocabulary. The course will provide intensive oral drill, frequent dictations, and graduated supervised reading.

SPAN 331/332 INTERMEDIATE SPANISH I AND II 6 Sem. Hrs.

An intensive review of grammar, idioms, idiomatic usage, guided oral practice, and suitable reading selections by modern authors. Training in oral and written expression. (Prerequisites: SPAN 231/232).

SPAN 430 CONVERSATION AND COMPOSITION 3 Sem. Hrs.

Spanish as a spoken and written language, concentration on individual assistance with the sounds of the language, syntax, and correctness of expression in everyday Spanish.

SPAN 431 ADVANCED GRAMMAR AND COMPOSITION 3 Sem. Hrs.

Study of modern Spanish grammar with emphasis on specific problems of sentence structure and use of words. Develops the student's ability to translate selected literary texts and compose essays in Spanish (Prerequisite: SPAN 332).

SPAN 433/434 SURVEY OF SPANISH LITERATURE 3 Sem. Hrs.

A comprehensive look at Spanish literature with emphasis on the authors who contributed to its development during the sixteenth, seventeenth, and twentieth centuries, covering poetry, novels, and drama.

MUSIC

INSTRUMENTAL AND VOCAL

Program Goal

The primary goal of the Music Program is to prepare and train students to work in worship, entertainment, and service industries as effective musicians within the framework of a liberal arts education.

General Requirements

All music majors or minors must participate in one of the music groups associated with their areas of concentration (band, choir, or an approved related ensemble). Students must attend all rehearsals and public performances, unless excused by the director. Credit is offered when class load permits.

Applied music study culminates in a public recital of about an hour's duration. This requirement must be met before any senior can graduate. In some cases, joint recitals of thirty or forty minutes' duration by each performer may meet this requirement. Each semester a music jury listens to students other than graduating seniors in order to evaluate applied music performance.

Periodic seminars are held which include students' performances, critiques, discussions of performances, announcements, and observations of general interest to the students and faculty. All music majors must attend unless officially excused.

Appropriate musical proficiency examinations will be administered during the first semester of the senior year. These examinations will test musician-ship skills such as sight-reading, dictation, keyboard harmony, ear training, analysis, etc.

Music Core Courses

MUSI	110	College Band (required each semester)
or		
MUSI	111	College Choir (required each semester)
MUSI	133/134	Fundamentals of Musicianship I and II
MUSI	231/232	Music History and Literature I and II
MUSI	233/234	Integrated Theory I and II
MUSI	237	Class Piano
MUSI	431	Choral Conducting
or		
MUSI	432	Instrumental Conducting
MUSI	438	Form and Analysis
MUSI	433	African American Music

Music Program

MUSI	330	Brass and Stringed Instruments
or		
MUSI	333	Woodwind and Percussion Instruments

MUSI	338	Counterpoint
MUSI	433	African American Music
MUSI	439	Senior Recital
Six semester hours in Applied Music		

REQUIRED PROGRAM FOR THE B.A. IN MUSIC

FRESHMAN YEAR

SEM. HRs.

See Freshman Year Experience Program for Details

37

Two courses in Applied Music

SOPHOMORE YEAR

MUSI	133/134	Fundamentals of Musicianship I and II	6
MUSI	231/232	Music History I and II	6
HUMA	233	Humanities Seminar	3
SOSC	231	Social Sciences Seminar	3
MUSI	223	Applied Piano	2
MUSI	110	College Band	1
or			
MUSI	111	College Choir	1
AEP	211/212	Academic Enrichment Program	1
CEP	208/209	Oral Book Review	.5
RELG	230	Introduction to Biblical Studies	3
Two courses in one Foreign Language			6
Two courses in Applied Music			4
Total			35.5

JUNIOR YEAR

CMSC	230	Introduction to Personal Computers	3
ENGL	232	Advanced Grammar and Composition	3
MUSI	110	College Band	1
or			
MUSI	111	College Choir	1
MUSI	233/234	Integrated Theory I and II	6
MUSI	330	Brass and Stringed Instruments	3
or			
MUSI	333	Woodwind and Percussion Instruments	3
MUSI	460	Internship	6
AEP	311/312	Academic Enrichment Program	1
CEP	308/309	Oral Book Review	.5
Two Courses in Applied Music			4
Total			27.5

SENIOR YEAR

MUSI	110	College Band	1
or			
MUSI	111	College Choir	1

MUSI	335	Class Voice	3
MUSI	338	Counterpoint	3
MUSI	431	Choral Conducting	3
or			
MUSI	432	Instrumental Conducting	3
MUSI	433	African American Music	3
MUSI	438	Form and Analysis	3
MUSI	439	Senior Recital	3
		Two Electives	6
		Total	25
		Total hours required for graduation	125

MUSIC COURSE DESCRIPTIONS

MUSI 110 COLLEGE BAND

1 Sem. Hr.

Open to all students on campus upon approval of the band director. Opportunity will be given for concert, jazz, and small ensemble.

MUSI 111 COLLEGE CHOIR

1 Sem. Hr.

Open to all students on campus upon approval of the choir director. Opportunity will be given for concert and touring activities.

MUSI 133/134 FUNDAMENTALS OF MUSICIANSHIP

I & II

6 Sem. Hrs.

Introduction to the basic material of music: melody, rhythm, harmony, and notation. It includes a study of basic musical language and usage, the writing of melodies and four-voiced harmonies, and creative studies using a variety of sound sources, sight-singing, ear-training, and elementary keyboard skills.

MUSI 233/234 INTEGRATED THEORY I & II

6 Sem. Hrs.

Primarily a study of harmonic procedures of Western music of the 17th through the 20th centuries, this course offers a continuation of studies and skills learned in MUSI 133/134. (Prerequisites: MUSI 133/134)

MUSI 237 CLASS PIANO

3 Sem. Hrs.

Designed to develop proficiency at the piano as a functional tool for musicians.

MUSI 331/332 MUSIC HISTORY AND LITERATURE I & II

6 Sem. Hrs.

A study of the development of music in Western civilization from antiquity to the present, including recognition of the influences shaping the course of music and the lives of composers. Computer and media generated music and the study of musical forms are included. Offered in alternate years. (Prerequisites: MUSI 133/134, 233/234)

MUSI 333 WOODWIND & PERCUSSION INSTRUMENTS

3 Sem. Hrs.

Laboratory class instruction of woodwind and percussion instruments.

MUSI 335 CLASS VOICE

3 Sem. Hrs.

Course designed for the beginning singer. The student will study proper usage of the voice and body, simple songs in English, Italian, etc. Offered in alternate years.

MUSI 336 ORCHESTRATION AND INSTRUMENTATION 3 Sem. Hrs.
A course in the techniques of scoring for band and orchestral instruments, from small ensembles to full orchestra. Students are required to demonstrate understanding of instruments and their use in orchestration. (Prerequisite: MUSI 233/234)

MUSI 338 COUNTERPOINT 3 Sem. Hrs.
A study of strict and free counterpoint in two, three, four, or more parts. Includes an introduction to musical forms and written exercises in inventions, canons, and fugues. (Prerequisite: MUSI 233/234)

MUSI 430 INDIVIDUAL STUDY IN MUSIC 3 Sem. Hrs.
Readings, research, composing, and/or fieldwork on selected topics. Topics may be related to such fields as ethnomusicology, music therapy, commercial music, music and media, music pedagogy, applied music in teaching or interdisciplinary projects relating to music recording or to oral history. Consent of department head is required before registration.

MUSI 431 CHORAL CONDUCTING 3 Sem. Hrs.
Provides instruction in the art of conducting, techniques of ensemble rehearsal, and score interpretation.

MUSI 432 INSTRUMENTAL CONDUCTING 3 Sem. Hrs.
Provides instruction in the art of conducting, techniques of ensemble rehearsal, and score interpretation.

MUSI 433 AFRICAN AMERICAN MUSIC 3 Sem. Hrs.
Survey of major religious and secular categories of African American music. Emphasis is on the historical, social, and political contexts influencing the music development. Open to non-music majors.

MUSI 434 CHURCH MUSIC 3 Sem. Hrs.
A study of the history, literature, and techniques of Church Music. Study of music for the church services, including anthems from the sixteenth century to the present. Survey of Jewish and Christian liturgies and introduction to hymnology.

MUSI 435 COMPOSITION 3 Sem. Hrs.
A study of composition in the small and/or large forms. Original writing or arranging for either voice or instruments or both. (Prerequisite: MUSI 438)

MUSI 437 ADVANCED SEMINAR IN MUSIC 3 Sem. Hrs.
An open course for advanced level students.

MUSI 438 FORM AND ANALYSIS 3 Sem. Hrs.
A study of the design and structure of musical literature, externally and internally, and analysis of its use in various styles and types of composition.

MUSI 460 INTERNSHIP 6 Sem. Hrs.
Experimental learning in a structured music or music-related environment. Approval by the advisor and divisional chairperson is required.

APPLIED MUSIC COURSE DESCRIPTIONS

MUSI 121/122 APPLIED ORGAN 4 Sem. Hrs.

These courses provide the student with a study of representative works of the baroque, classic, romantic, contemporary periods. Technical studies, including scales and arpeggios, will be emphasized.

MUSIC 125/126 APPLIED VOICE 4 Sem. Hrs.

These courses provide the student fundamentals in breath control, tone production, diction and foundation repertoire.

MUSI 127/128 APPLIED INSTRUMENT 4 Sem. Hrs.

These courses provide the fundamentals required to play wind, string, or percussion instruments, sight-reading drills, major and minor scales, arpeggios, and selected solo literature.

MUSI 221/222 APPLIED ORGAN 4 Sem. Hrs.

A continuation of MUSI 121/122.

MUSI 223/224 APPLIED PIANO 4 Sem. Hrs.

These courses emphasize more advanced technical studies and repertoire.

MUSI 225/226 APPLIED VOICE 4 Sem. Hrs.

These courses provide more advanced studies and sight-reading.

MUSI 227/228 APPLIED INSTRUMENT 4 Sem. Hrs.

These courses provide more advanced studies and sight-reading. Selected repertoire of baroque, classical, romantic, and contemporary composers will be studied.

MUSI 321/322 APPLIED ORGAN 4 Sem. Hrs.

A continuation of MUSI 221/222.

MUSI 323/324 APPLIED PIANO 4 Sem. Hrs.

A continuation of MUSI 223/224.

MUSI 325/326 APPLIED VOICE 4 Sem. Hrs.

A continuation of MUSI 225/226 with preparation for MUSI 439 (recital).

MUSI 327/328 APPLIED INSTRUMENT 4 Sem. Hrs.

A continuation of MUSI 227/228.

MUSI 421/422 APPLIED ORGAN 4 Sem. Hrs.

A continuation of MUSI 321/322.

MUSI 423/424 APPLIED PIANO 4 Sem. Hrs.

A continuation of MUSI 323/324 with preparation for MUSI 439 (recital).

MUSI 425/426 APPLIED VOICE 4 Sem. Hrs.

A continuation of MUSI 325/326

MUSI 427/428 APPLIED INSTRUMENT 4 Sem. Hrs.

A continuation of MUSI 327/328 with preparation for MUSI 439 (recital)

MUSI 439 SENIOR RECITAL 3 Sem. Hrs.

A required applied music performance for partial fulfillment of the degree requirements in music. Joint or individual recitals, representative of the stu-

dent's development, are expected. The performances will be public. Rarely is departmental permission granted for a private hearing.

MUSIC MEDIA COURSE DESCRIPTIONS

MUSM 230 INTRODUCTION TO MUSIC MEDIA 3 Sem. Hrs.

Provides an introduction to ways music is used in the entertainment industry. Major emphasis is placed on licensing music and laws and practices affecting how music is used in the mass media.

MUSM 231 RECORDING TECHNIQUES 3 Sem. Hrs.

Designed to introduce basic recording equipment, production techniques, and studio practices related to today's recording environment.

MUSM 430 RECORDING ARTIST REPRESENTATION 3 Sem. Hrs.

Deals with the roles and responsibilities of artist representatives such as publishers, lawyers, managers, unions, and other agencies the artist is likely to encounter in the music industry. Topics include negotiation, promotional packages, and royalty collection.

MUSB 331/332 MUSIC BUSINESS I AND II 6 Sem. Hrs.

Surveys the various aspects of the music business. Topics include songwriting, publishing, copyright, licensing, promotion, management, merchandising, recording science, research sources, and other related topics.

MUSB 333 MUSIC PUBLISHING, COPYRIGHT, AND DISTRIBUTION 3 Sem. Hrs.

Studies the music publishing business and its principles and practices. Attention will be given to national and international copyright laws, as well as wholesale and retail record and tape distribution.

SPEECH AND DRAMA COURSE DESCRIPTIONS

The Division of Humanities offers a minor in Speech and Drama. Students must complete fifteen hours chosen from the following courses. SPCH 130 may not be used to count toward the minor.

DRMA 230 ACTING I 3 Sem. Hrs.

Introduces acting techniques using modern scenes and improvisations

DRMA 211 THEATER WORKSHOP I 1 Sem. Hr.

Students receive one credit hour for active participation in Theater Guild productions. The emphasis in this workshop is the theater production from auditions to strike. This is a full semester course.

DRMA 212 THEATER WORKSHOP II 1 Sem. Hr.

Continuation of HUMA 211. The emphasis in this workshop is crew work. This is a full semester course.

DRMA 311 THEATER WORKSHOP III**1 Sem. Hr.**

Continuation of HUMA 212. This workshop carries the responsibility of a supporting role on main stage or a crew head assignment. This is a full semester course.

DRMA 312 THEATER WORKSHOP IV**1 Sem. Hr.**

Continuation of HUMA 311. This workshop carries the responsibility of a major role on main stage or set, lights, costume, sound, makeup design assignment. This is a full semester course.

DRMA 235 INTRODUCTION TO THEATER**3 Sem. Hrs.**

A survey course designed to acquaint the student with the various arts and activities that make up the theater.

DRMA 231 ACTING II**3 Sem. Hrs.**

A continuation of DRMA 230. Emphasis is on scene analysis and character development. Prerequisite DRMA 230.

DRMA 300 PLAYWRIGHT'S WORKSHOP**1-3 Sem. Hrs.**

Open to students interested in the craft of playwrighting.

DRMA 330 TECHNIQUES OF ACTING**3 Sem. Hrs.**

Provides a study of drama as a synthetic and immediate art form. Such aspects as acting, directing, design, and technical effects as they are employed in various theatrical modes and forms will be studied. Students will be afforded the opportunity to attend productions in neighboring communities as part of the course.

**DRMA 331 INTRODUCTION TO THEATRICAL DESIGN
AND STAGE LIGHTING****3 Sem. Hrs.**

Introduces the techniques of set design and stage lighting. Includes lectures on stage lighting, equipment, and techniques in lighting design. Stage design projects are to be presented weekly with emphasis on sketches, models and ground plans.

DRMA 334 HISTORY OF AFRICAN THEATER**3 Sem. Hrs.**

Provides the student of theater with a basic knowledge of African theater form and playwrights. Selected plays will be studied to give an overview of the history of African culture and art forms.

DRMA 335 HISTORY OF BLACK AMERICAN DRAMA**3 Sem. Hrs.**

Provides the student of theater with the basic knowledge of Black American drama through plays and playwrights. The theater companies and their contributions will be explored through their productions.

DRMA 430 DRAMA LITERATURE**3 Sem. Hrs.**

Provides a study of the elements and forms of the drama based on selected plays representing different periods in the history of drama.

DRMA 435 THEATER SEMINAR**1-3 Sem. Hrs.**

Current trends and special topics will be selected to study. The seminar may include field trips to include selected professional productions.

SPCH 330 PUBLIC SPEAKING**3 Sem. Hrs.**

Includes the study, organization and practice of various major types of speeches. Aid in overcoming self-consciousness and improper mannerisms will be offered. Prerequisites: (SPCH 130)

SPCH 331 VOICE AND DICTION**3 Sem. Hrs.**

Provides a study of the mechanics and importance of good articulation. This will be based on the theory of sound production and involves meaningful exercise for articulation improvement. (Prerequisite: SPCH 130).

SPCH 430 ORAL INTERPRETATION**3 Sem. Hrs.**

Teaches skill in using the voice and body with special emphasis placed on the interpretation of the printed page. Readings from an anthology of prose, poetry, and drama are the basis for study.

RELIGION AND PHILOSOPHY COURSE DESCRIPTIONS

Rust College offers a minor in Religion. Requirements for the minor include: 18 hours above the general education requirement (RELG 230). The six courses are: RELG 232, RELG 233, RELG 330, RELG 331, RELG 332, PHIL 331.

**RELG 230 INTRODUCTION TO BIBLICAL STUDIES
(OLD AND NEW TESTAMENTS)****3 Sem. Hrs.**

A survey of the Old and New Testaments. Provides a basic core of information on the development of Judaism and the foundation of Christianity. Relates Biblical theories to practical day-to-day existence.

RELG 231 SOCIOLOGY OF RELIGION**3 Sem. Hrs.**

An exploration of the relationship of religion to the cultural, social, economic, and political aspects of society. (Prerequisite: RELG 230) Offered alternate years.

**RELG 232 INTRODUCTION TO PHILOSOPHY AND
RELIGION****3 Sem. Hrs.**

A study of the intellectual concepts and categories necessary to understand historical and current issues in both western and non-western philosophy and religion. Offered alternate years.

RELG 233 STUDIES IN RELIGION AND CULTURE**3 Sem. Hrs.**

An exploration of the multiple aspects of the relationships between religion and culture in various societies. The course utilizes a comparative and historical approach to the subject matter. Offered in alternate years.

RELG 234 STUDIES IN COMPARATIVE RELIGION**3 Sem. Hrs.**

A survey of the history of Islam, Judaism, and Christianity, their formative experiences and sources of tradition, and the distinctive ideas and values of each religion.

RELG 330 STUDIES IN CHRISTIANITY**3 Sem. Hrs.**

A theology course that examines critical issues, ethical questions, problems and subjects related to Christianity. Subject matter may be drawn from biblical

works or from contemporary issues in Christian theology and ethics for the student to evaluate. Offered in alternate years.

RELG 331 ADVANCED STUDIES IN RELIGION

3 Sem. Hrs.

An advanced theological study of New Testament books, writers, and themes. Offered in alternate years.

PHIL 331 STUDIES IN PHILOSOPHY

3 Sem. Hrs.

A seminar study of leading thinkers who have influenced our civilization. Attention will be given to the philosophies of Locke, Hobbes, Hume, Kant, Mill, Montesquieu, Rosseau, Hegel, Marx, and other more recent philosophers. Offered alternate years.

PHIL 430 PHILOSOPHY AND CONTEMPORARY ISSUES

3 Sem. Hrs.

A study of the development of value systems of Western, Oriental, African, and Indian cultures. Provides an opportunity for the students to examine several philosophers who have greatly enhanced philosophical and ethical theories.

PHIL 431 SEMINAR IN PHILOSOPHY AND RELIGION

3 Sem. Hrs.

A seminar for advanced students in which teamwork and cooperation can be utilized in pursuing original research.

THE DIVISION OF SCIENCE AND MATHEMATICS

The goal of the Division of the Science and Mathematics is to prepare *students for professional work* and research in scientific fields and to provide *experiences* that will enable them to develop qualifications for entrance to graduate schools and professional schools.

THE DIVISION OF SCIENCE AND MATHEMATICS includes the areas of Biology, Chemistry, Mathematics, Physics and Computer Science.

MAJOR PROGRAMS

The Division of Science and Mathematics offers the following major programs:

BIOLOGY	CHEMISTRY
COMPUTER SCIENCE	MATHEMATICS
MATHEMATICS EDUCATION	GENERAL SCIENCE EDUCATION

PRE-PROFESSIONAL PROGRAMS

PRE-MEDICINE	PRE-DENTISTRY
PRE-NURSING	PRE-PHARMACY
PRE-ENGINEERING	

COOPERATIVE DEGREE PROGRAM: MEDICAL TECHNOLOGY

DUAL DEGREE PROGRAM: MEDICINE and BIOLOGY or CHEMISTRY

GENERAL REQUIREMENTS

Students pursuing a bachelor's degree (non-teaching) program in any of the areas listed above are required to complete the general education requirements of the College and the major programs prescribed by the Division.

Students pursuing a bachelor's degree (teaching) program are required to complete, in addition to the general education and major requirements, professional education courses designed to meet the state teacher certification requirements. (Please check with the Division of Education for specific requirements).

The requirements for each major program are outlined under each area of study. Students are advised to consult with the area coordinator (faculty advisors) before electing any major area of study.

GENERAL INFORMATION:

All biology, chemistry and physics courses (except seminar courses) include laboratory work. Credit hours are assigned to these courses as follows:

Lecture - 3 semester hours credit

Divisional Policies:

1. Students with a grade point average of less than 3.0 will be allowed to take a maximum of 16 credit hours of courses in a semester.
2. Students receiving a D, I, or W grade in a course which consist of two parts will not be allowed to enroll in the second part until they have received a passing grade in the first part.
3. In order to have a major in a subject area students must take at least 30 semester hours in that subject in addition to other general education courses as described in this catalog. A student may have a minor if the student has taken at least 15 semester hours of courses in a particular subject area.
4. All science majors are required to pass the comprehensive exam in their respective areas before graduation.
5. All science majors are encouraged to take the National Graduate Record Exam (GRE) before graduation and score over 900 in the verbal and the quantitative portions.

BIOLOGY

The following are required courses for the Bachelor of Science degree in Biology:

Biology Core Requirements

BIOL	231	General Botany
BIOL	211	General Botany Lab
BIOL	232	General Zoology
BIOL	212	General Zoology Lab
BIOL	335	Molecular Biology
BIOL	315	Molecular Biology Lab
BIOL	336	Microbiology
BIOL	316	Microbiology Lab
BIOL	431	Genetics
BIOL	411	Genetics Lab
BIOL	460	Internship
BIOLOGY		3 Biology Electives with Lab
CHEM	231-232	General Chemistry I-II
CHEM	211-212	General Chemistry I-II Lab
CHEM	331-332	Organic Chemistry I-II
CHEM	311-312	Organic Chemistry I-II Lab
MATH	230	Pre-Calculus
MATH	231	Analytical Geometry and Calculus I
MATH	232	Analytical Geometry and Calculus II
Or		
MATH	234	Introduction to Probability and Statistics
ELECTIVE		Elective of ...

PHYS	231-232	Physics I-II
PHYS	211-212	Physics I-II Lab

A REQUIRED PROGRAM FOR B.S. IN BIOLOGY

FRESHMAN YEAR

See Freshman Year Experience for Details 35

SOPHOMORE YEAR

			Sem. Hrs.
AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book Review	.5
BIOL	232	General Zoology	3
BIOL	231	General Botany	3
BIOL	212	General Zoology Lab	1
BIOL	211	General Botany Lab.	1
CHEM	231-232	General Chemistry I-II	6
CHEM	211-212	General Chemistry I-II Lab	2
MATH	230	Pre-Calculus	3
MATH	231	Analytical Geometry and Calculus I	3
HUMA	233	Humanities Seminar	3
PHYS	231-232	Physics I-II	6
PHYS	211-212	Physics I-II Lab	2
		TOTAL	34.50

JUNIOR YEAR

AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book Review	.5
BIOL	460	Internship	6
BIOL	431	Genetics	3
BIOL	411	Genetics Lab	1
CHEM	331-332	Organic Chemistry I-II	6
CHEM	311-312	Organic Chemistry I-II Lab	2
MATH	232	Analytical Geometry & Calculus II	3
or			
MATH	234	Introduction to Probability & Statistics	3
		Two courses in one Modern Foreign Language	6
RELG		One course in Religion	3
CMSC	230	Introduction to Personal Computer	3
		TOTAL	34.50

SENIOR YEAR

BIOL	335	Molecular Biology	3
BIOL	315	Molecular Biology Lab	1
BIOL	336	Microbiology	3
BIOL	316	Microbiology Lab.	1
BIOL		Electives: Three biology courses (with lab)	12

ENGL	331	Advanced. Grammar & Composition	3
SOSC	231	Social Science. Seminar	3
Elective		Elective of student's choice	3
		TOTAL	29
		Total Hours Required for Graduation	133

Required Curriculum for MARC Scholars majoring in Biology

Minority Access to Research Careers (MARC) is a special program designed for junior and senior honor undergraduates. This program is funded by the National Institution of Health. Students in this program are required to take more courses than regular Biology majors.

FRESHMAN YEAR

See Freshman Year Experience for Details

35

SOPHOMORE YEAR

AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book Review	.5
BIOL	232	General Zoology	3
BIOL	212	General Zoology Lab	1
BIOL	231	General Botany	3
BIOL	211	General Botany Lab.	1
CHEM	231-232	General Chemistry I and II	6
CHEM	211-212	General Chemistry I-II Lab	2
CHEM	331-332	Organic Chem. I-II	6
CHEM	311-312	Organic Chem. I-II Lab	2
MATH	230	Pre-Calculus	3
MATH	231	Analytical Geometry and Calculus. I	3
CMSC	230	Introduction to Personal Computers.	3
HUMA	233	Humanities Seminar	3
		TOTAL	37.50

JUNIOR YEAR

Summer Orientation Program and Intramural Research:
MARC Scholars will take the following courses during the Summer Program:

			Sem. Hrs.
SCIN	240	Biomedical Research Techniques	4
SCIN	220	Scientific Communication	2
SCIN	230	Scientific Computation	3
		TOTAL:	9

Regular Academic Year Program:

AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book Review	.5
CHEM	334	Instrumental Analysis	3
CHEM	314	Instrumental Analysis lab	1

PHYS	231-232	Physics I-II	6
PHYS	211-212	Physics I-II Lab	2
SOSC	231	Social Science Seminar	3
MATH	234	Probability and Statistics	3
BIOL	426	Biological Research (Intramural Research)	2
BIOL	335	Molecular Biology	3
BIOL	315	Molecular Biology Lab	1
Foreign Language		Two courses in one Foreign Language	6
		TOTAL:	31.5
Summer: BIOL 460		Extramural Research (Internship)	6

SENIOR YEAR			Sem. Hrs.
BIOL	336	Microbiology	3
BIOL	316	Microbiology Lab	1
BIOL	431	Genetics	3
BIOL	411	Genetics Lab	1
BIOL	427	Biology Research (Intermural Research)	2
ENGL	232	Advanced Grammar and Composition	3
BIOL		3 Elective Biology Courses (with lab)	12
BIOL	428	Biology Seminar	2
SCIN	431	Contemporary Research, Ethics & Economics	3
REL	330	One course in Religion	3
Elective		One course of student's choice	3
		TOTAL:	36.00
		Total Credit Hours Required for Graduation:	155.00

BIOLOGY COURSE DESCRIPTIONS

BIOL 231 GENERAL BOTANY **3 Sem. Hrs.**

This course stresses the following concepts: terminology, cell structure and physiology; tissue organization; nomenclature; phylogeny; patterns of plant development, structure and function. Systems of classification of representative groups of plants are covered, ecology, metabolism, basic genetics. Lecture. Prerequisite BIOL 130; Corequisite: BIOL 211.

BIOL 211 GENERAL BOTANY LAB **1 Sem. Hr.**

Familiarization with the Compound Microscope and Dissecting Microscope. Microscopic study of different types of plant cell structure. Collection and identification of different types of leaves, inflorescence, fruits and seeds. Sectioning, staining and preparations of slides using different types of stems and root specimen. Co-requisite BIOL 231.

BIOL 232 GENERAL ZOOLOGY **3 Sem. Hrs.**

Course stresses the following concepts: terminology, cell structure and physiology; tissue organization; nomenclature. The anatomy and physiology of protochordates, fishes, reptiles, amphibians, birds and mammals—their char-

acteristics of life—reproduction and habitats . Phylogeny; diversity and evolutionary patterns. Prerequisite BIOL 130; Corequisite: BIOL 212.

BIOL 212 GENERAL ZOOLOGY LAB

1 Sem. Hr.

Microscopy—Identification of microscope parts and functions. Identification of tissues, organs—all dissection of real animals—frogs, fetal pigs, bony fishes and the cat. Prerequisite: BIOL 130; Corequisite: BIOL 232.

BIOL 233 INVERTEBRATE ZOOLOGY

3 Sem. Hrs.

Course emphasizes the anatomy, physiology, diversity and behavior of free-living invertebrates -protozoa-arthropods and non bony fishes. Lecture. Prerequisite: BIOL 130; Corequisite: BIOL 213.

BIOL 213 INVERTEBRATE ZOOLOGY LAB

1 Sem. Hr.

Microscopy: identification of the microscope and parts and functions. Dissection of preserved specimens of invertebrate animals—protozoa worms, arthropods etc. Identification of cells, tissues and organs of these invertebrate animals on slides. Prerequisite: BIOL 130; Corequisite BIOL 233.

BIO 234 GENERAL BIOLOGY I

3 Sem. Hrs.

Course stresses the following concepts: Hierarchy of the living world. Emergent properties of different levels of biological structure. Discuss cells as organism's basic units of structure and function. Discuss continuity of life based on heritable information in the form of DNA. Correlation of structure and function at all levels of biological organization.

BIO 214 GENERAL BIOLOGY LABORATORY I

1 Sem. Hr.

Main emphasis is that student develop critical thinking skills. Lab experiment are simple and provide students with the opportunity to apply their biology knowledge. Labs include Microscopy, Diffusion and osmosis, cellular respiration and fermentation.

BIO 235 GENERAL BIOLOGY II

3 Sem. Hrs.

This course is part II of General Biology , and emphasizes on themes in the study of life. The main topics, which will be discussed include: A. Since organisms are open system they interacts continuously with their environment, B. Dynamic balance in living systems is maintained by regulatory mechanisms, C. Life on Earth has dual faces of unity and diversity, D. The core theme of biology is evolution. E. Multidisciplinary adventure of biology.

BIO 215 GENERAL BIOLOGY II LABORATORY

1 Sem. Hr.

Lab is designed to build students critical thinking skills. They will learn how to write scientific reports. Lab experiments include photosynthesis, Mitosis and Meiosis, Bacteriology, and plant diversity.

BIOL 330 NUTRITION

3 Sem. Hrs.

This course emphasizes the study of the basic food nutrients, organic groups, energy giving nutrients, minerals, and water—emphasizing dietary requirements and importance, metabolism—deficiency and efficiency, dietary diseases, and special dietary requirements of athletes, pregnant/lactating women, infants, teens and aged people. Prerequisites: BIOL 232, CHEM 231-232 and CHEM 331-332.

BIO 310 NUTRITION LAB.**1 Sem. Hr.**

Nutrition lab will include the following: microscopy; dissection of the cat tracing the digestive tract and the digestive process; classification and identification of the energy, yielding nutrients; and the application of the metric system in all the measurements of weight and height involved in the study of recommended dietary allowances and all other data.

BIOL 331 ENVIRONMENTAL BIOLOGY**3 Sem. Hrs.**

A study of the relations between living organisms and their environment. The topics covered are biogeochemical cycle, environmental factors influencing living organisms, population structure and dynamics, and energy flow in the ecosystem. Lecture, laboratory, and field trips. Prerequisite: CHEM 231-232 and BIOL 211-212.

BIOL 311 ENVIRONMENTAL BIOLOGY LAB**1 Sem. Hr.**

Methods of survey, identification of communities, soil and water analysis. Prerequisite: BIOL 331.

BIOL 333 HUMAN ANATOMY AND PHYSIOLOGY I**3 Sem. Hrs.**

The course emphasizes the structure and function of organs and systems of the human body. Systems studied will include; integumentary, skeletal, muscular, nervous, and endocrine. Prerequisite: BIOL 130 and BIOL 232.

BIOL 313 HUMAN ANATOMY AND PHYSIOLOGY I LAB.**1 Sem. Hr.**

Microscopy: Identification of the chosen specimens on slides. Cells, tissues, organs, and glands will be studied. Dissection of the representative lab. animals available—preserved specimens. Identification of the body parts using the models—Human Torso. Prerequisite: BIOL 130; corequisite: BIOL 333

BIOL 334 HUMAN ANATOMY & PHYSIOLOGY II**3 Sem. Hrs.**

This course emphasizes the structure and function of the organs and systems of the human body and will include these systems: cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive. Prerequisite: BIOL 333.

BIOL 314 HUMAN ANATOMY & PHYSIOLOGY II Lab.**1 Sem. Hr.**

Identification of the various organs and systems of the human body using the human torso and other models available. Identification of the structures and processes on slides. Dissection of the available preserved specimens. Prerequisite BIOL 130; Corequisite: BIOL 334

BIOL 335 MOLECULAR BIOLOGY**3 Sem. Hrs.**

Course emphasizes molecular organization of the cell and structure and shape of macromolecules. Cellular organelles are studied with reference to energy metabolism. Basic genetic mechanisms, gene regulation and expression, recombinant DNA teaching, and cell signalling are covered. Prerequisite CHEM 331-332 and BIOL 231-232.

BIOL 315 MOLECULAR BIOLOGY LAB**1 Sem. Hr.**

Measurement of pH, Buffers, General color tests for Carbohydrates, Proteins, Separation and Identification of Amino acids by paper chromatography, Thin

Layer Chromatography of lipids, Electrophoresis of proteins, Extraction and purification of DNA, RNA. Prerequisite: CHEM 331-332, BIOL 232; Corequisite: BIOL 335

BIOL 336 MICROBIOLOGY

3 Sem. Hrs.

Lecture emphasizes microbial techniques, growth, nutrition, metabolism, and control of microbial growth. Mechanisms of resistance, microbial virulence and microbial diseases are studied. Prerequisite: CHEM 331-332, BIOL 231-232.

BIOL 316 MICROBIOLOGY LAB

1 Sem. Hr.

Aseptic transfer technique, Preparing a wet mount and observing microorganisms, Preparing a smear and simple stain, Gram staining, Acid-Fast staining, endospore staining, Pour-plate technique, streak-plate and spread-plate techniques, Disinfectants and Antiseptics, Antibiotic Disk Sensitivity Testing. Prerequisite CHEM 331-332; Corequisite BIOL 336

BIOL 337 COMPARATIVE VERTEBRATE ANATOMY AND PHYSIOLOGY

3 Sem. Hrs.

This course emphasizes the comparative studies of the five classes of vertebrate. It will include the study of the principles—concepts—terminology and the anatomy and physiology—the organs and systems and the general behavior of all the five classes of the vertebrates. Prerequisite: BIOL 232; Corequisite: BIOL 317.

BIOL 317 COMPARATIVE VERTEBRATE ANATOMY & PHYSIOLOGY LAB

1 Sem. Hr.

Microscopy: Identification of the organs and systems on slides using the microscope. Identification of the organs and systems using the available models. Dissection of the available preserved specimens. Prerequisite: BIOL 232; Corequisite: BIOL 337.

BIOL 339 IMMUNOLOGY

3 Sem. Hrs.

Cellular components of the immune system, nonspecific resistance, specific immune responses, antigen and immunogen, antibody associated defence mechanisms, development of immunological system, immunization, states of immunity and the control of infectious diseases, immunodiagnosis, radioimmunoassay, monoclonal antibody, diagnostic immunologic and related reactions, disorder of the immune system. Lecture only Prerequisite: BIOL 336.

BIO 319 IMMUNOLOGY LABORATORY

1 Sem. Hr.

Histology of the immune system; simulation of serum antibody reaction to show evolutionary relationships in primates; antigen-antibody precipitation tests in goat, cow, horse and pig.

BIOL 426-427 HONORS BIOLOGICAL RESEARCH

4 Sem. Hrs.

A course intended to provide training in the methods of access and use of scientific literature, the planning and conduct of research, and report writing. Open to Junior and Senior Honor students only. Each course is a two module course.

BIOL 428 BIOLOGY SEMINAR

2 Sem. Hrs.

A class discussion of current developments in the life sciences. Open to Junior and Senior students only. (A two module course).

BIOL 431 GENETICS**3 Sem. Hrs.**

This course is designed to provide understanding of the principles of heredity in plants and animals. Inheritance at both the familial and population levels, and the biochemical basis of heredity are stressed. Application of genetics to medical and evolutionary problems is considered. Prerequisite: BIOL 231-232, CHEM 331-332; Corequisite: BIOL 411.

BIOL 411 GENETICS LAB**1 Sem. Hr.**

Drosophila Experiments in Genetics: Dihybrid Crosses, The Chi-Square test, Cell Reproduction: Mitosis in root tip squashes, Meiosis in *Rheo discolor*, Polytene chromosome in Dipteran Salivary gland squash preparation, Linkage and crossing over in Fungi, Extraction of Bacterial DNA, Transformation in *E. coli*. Prerequisite CHEM 331-332, BIOL 231-232; Corequisite BIOL 431.

BIOL 432 COMPARATIVE VERTEBRATE EMBRYOLOGY**3 Sem. Hrs.**

The course emphasizes the comparative studies of the embryology of the five classes of vertebrates stressing on the fertilization, cleavage and blastulation, gastrulation, differentiation and growth stages/ phases. Prerequisite: BIOL 232; Corequisite: BIOL 412.

BIOL 412 COMPARATIVE VERTEBRATE EMBRYOLOGY LAB.**1 Sem. Hr.**

Identification of the specimens on the available slides. The slides will contain the various embryological stages or phases. Prerequisite BIOL 232, Corequisite BIOL 432.

BIOL 434 PARASITOLOGY**3 Sem. Hrs.**

This course will include the study of the morphology, life histories, and host—parasite relationships of arthropods, helminth and protozoan parasites, specially those infecting man. It will also consider the medical and economic importance and control methods involved. Prerequisite: BIOL 232; Corequisite: BIOL 414.

BIOL 414 PARASITOLOGY LAB.**1 Sem. Hr.**

The identification of the structures and function, organs and systems of these parasites on the slides will be considered using the microscope. Any available life specimens models and diagrams will also be utilized during the lab. Prerequisite BIOL 232, Corequisite: BIOL: 434.

BIOL 435 VERTEBRATE HISTOLOGY**3 Sem. Hrs.**

The course emphasizes structure and function of components of the cell and the recognition of the structure and function of the four basic tissues types. The structure of various organs are also studied. Prerequisite: BIOL 232; Corequisite: BIOL 415.

BIOL 415 VERTEBRATE HISTOLOGY LAB.**1 Sem. Hr.**

Microscopy: The use of microscope in the identification of the tissues, cells and organs of the human body as seen on the prepared slides will be studied. Prerequisite: BIOL 130; Corequisite: BIOL 435.

BIOL 460 BIOLOGY INTERNSHIP**6 Sem. Hrs.**

Work experience in business, industrial, governmental, research lab. or service organization as may be relevant to career objective. The work experience

is considered as an opportunity to apply and extend knowledge obtained in the classroom. Prerequisite: At least 16 semester hours of biology courses, approval by faculty advisor and the Director of Cooperative Education.

CHEMISTRY

The following are required courses for the Bachelor of Science degrees in Chemistry.

Chemistry Core Requirements

CHEM	231-232	General Chemistry I-II
CHEM	211-212	General Chemistry I-II Labs
CHEM	331-332	Organic Chemistry I-II
CHEM	311-312	Organic Chemistry I-II Labs
MATH	230	Pre-Calculus
MATH	231-232	Analytical Geometry and Calculus I and II
PHYS	231-232	Physics I-II
PHYS	211-212	Physics Lab I-II
CHEM	333	Quantitative Analysis
CHEM	313	Quantitative Analysis Lab
CHEM	334	Instrumental Analysis
CHEM	314	Instrumental Analysis Lab
CHEM	335	Biochemistry
CHEM	315	Biochemistry Lab
CHEM	434-435	Physical Chemistry I-II
CHEM	414-415	Physical Chemistry I-II Labs
CHEM		Elective with lab.
BIOL		Two Biology Elective Courses with labs
CHEM	460	Internship
Elective		One course of student's choice

A REQUIRED PROGRAM FOR B.S. IN CHEMISTRY

FRESHMAN YEAR

See Freshman Year Experience for Details	35
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SOPHOMORE YEAR

			Sem. Hrs.
AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book Review	.5
CHEM	231-232	General Chemistry I-II	6
CHEM	211-212	General Chemistry I-II Lab	2
MATH	230	Pre-Calculus	3
MATH	231-232	Analytical Geometry and Calculus I and II	6
PHYS	231-232	Physics I-II	6
PHYS	211-212	Physics I-II Lab	2
SOSC	231	Social Science Seminar	3
HUMA	233	Humanities Seminar	3
		TOTAL	32.5

JUNIOR YEAR

AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book review	.5
CHEM	331	Organic Chemistry I	3
CHEM	311	Organic Chemistry I Lab	1
CHEM	332	Organic Chemistry II	3
CHEM	312	Organic Chemistry II Lab	1
CHEM	333	Quantitative Analysis	3
CHEM	313	Quantitative Analysis Lab	1
CHEM	334	Instrumental Analysis	3
CHEM	314	Instrumental Analysis Lab	1
CHEM	460	Internship	6
ENGL	232	Advanced Grammar and Composition	3
BIOL		Elective	4
Foreign Language		Two courses in one Modern Foreign Language	6
		TOTAL	36.5

SENIOR YEAR

Sem. Hrs.

CHEM	335	Biochemistry	3
CHEM	315	Biochemistry Lab	1
CHEM		Elective with Lab	4
CHEM	434-435	Physical Chemistry I-II	6
CHEM	414-415	Physical Chemistry I-II Labs	2
BIOL		Elective with lab.	4
RELG		One course in Religion	3
CMSC	230	Intro. to Personal Computers	3
Elective		One course of student's choice	3
		TOTAL	29
		Total Hours Required For Graduation	133

REQUIRED CURRICULUM FOR MARC SCHOLARS MAJOR IN CHEMISTRY

Minority Access to Research Careers (MARC) is a special program designed for junior and senior honor undergraduates. This program is funded by the National Institutes of Health. Students in this program are required to take more courses than regular Chemistry majors.

FRESHMAN YEAR

See Freshman Year Experience for Details	35
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SOPHOMORE YEAR

Sem. Hrs.

AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book Review	.5
CHEM	231-232	General Chemistry I and II	6
CHEM	211-212	General Chemistry I and II Lab	2
MATH	230	Pre-Calculus	3
MATH	231-232	Analytical Geometry and Cal. I and II	6

PHYS	231-232	Physics I-II	6
PHYS	211-212	Physics I-II Lab	2
HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
		Total	32.5

SUMMER: MARC Summer Orientation Program

MARC Scholars will take the following courses during the summer program

SCIN	240	Biomedical Research Techniques	4
SCIN	220	Scientific Communication	2
SCIN	230	Scientific Computation	3

JUNIOR YEAR:

AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book Review	.5
ENGL	232	Advanced Grammar and Composition	3
CHEM	331-332	Organic Chemistry I-II	6
CHEM	311-312	Organic Chemistry I-II Lab	2
CHEM	334	Instrumental Analysis	3
CHEM	314	Instrumental Analysis Lab	1
RELG		One course in Religion	3
CHEM	428	Chemical Research (Intramural Research)	2
CHEM	420	Honors Chemistry Seminar	2
Foreign Language		Two courses in one Foreign Language	6
BIOL		Biology elective with Lab	4
MATH	234	Probability and Statistics	3
		Total	36.5

SUMMER:

CHEM	460	Extramural Research (Internship)	6
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SENIOR YEAR

			Sem. Hrs.
CHEM	335	Biochemistry	3
CHEM	315	Biochemistry Laboratory	1
CHEM	434-435	Physical Chemistry I-II	6
CHEM	414-415	Physical Chemistry I-II Labs	2
CHEM		Chemistry elective with Lab	4
BIOL		Biology elective with Lab	4
CHEM	333	Quantitative Analysis	3
CHEM	313	Quantitative Analysis Laboratory	1
SCIN	431	Ethics and Economics of Contemporary Research	3
CHEM	429	Honors Chem Research (Intramural Research)	2
CMSC	230	Introduction to Personal Computer	3
Elective		One course of student's choice	3
		Total	35
		Total Hours Required for Graduation	154

CHEMISTRY

DESCRIPTION OF COURSES

CHEM 231 GENERAL CHEMISTRY I

3 Sem. Hrs.

A comprehensive study of chemical principles including states of matter, atomic structure, chemical bonding, molecular structures, stoichiometry, thermochemistry, chemical reactions, the periodic table, and gas laws. Lecture only. Prerequisite: PSCI 132

CHEM 211 GENERAL CHEMISTRY I LABORATORY

1 Sem. Hr.

This course will provide an hands-on experience with simple measurements, analysis of unknown substances, study of chemical and physical properties of some elements, techniques of separation, determination of chemical formula, measurement of heat changes in chemical reactions, study of active metals, general concepts of chemical bonding, Charles law etc. Pre/Co-requisite: CHEM 231.

CHEM 232 GENERAL CHEMISTRY II

3 Sem. Hrs.

Solutions, acids and bases, kinetics, ionic equilibria product principle, electrochemistry etc. are included in this course. Lecture only. Prerequisite: CHEM 231.

CHEM 212 GENERAL CHEMISTRY II LABORATORY

1 Sem. Hr.

This course is designed to provide an hands-on experience on some of the materials that are covered in course CHEM-232. The experiments that are carried out in this course are based on solutions and solubility, solutions of electrolytes, Molecular mass determination by solution method, chemical equilibrium, measurements of reaction rates, characterization of compounds, acid-base titration, ionic equilibria of weak electrolytes, experiments based on oxidation and reduction reactions etc. Pre-Co-requisite: CHEM 232.

CHEM 330 ENVIRONMENTAL CHEMISTRY

3 Sem. Hrs.

Chemistry of the earth, hydrocarbons, polymers in relation to the environment, and conventional and alternative sources of energy are presented. Air and water pollution, agricultural chemicals and biological control of pests, food additives and household chemicals are also introduced. The uses and abuses of psychotropic drugs, and chemotherapy are described also. Prerequisite: CHEM 232, 212

CHEM 310 ENVIRONMENTAL CHEMISTRY LAB

1 Sem. Hr.

This course will expose the students to different environmental problems such as air, water, and soil pollutions. The students will perform several laboratory experiments such as water analysis, cigarette smoke analysis, household chemicals, etc. Prerequisite: CHEM 332; Pre/Co-requisite: CHEM 330

CHEM 331 ORGANIC CHEMISTRY I

3 Sem. Hrs.

Chemistry of carbon compounds. It consists of a study of alkanes, alkenes, alkynes, alicyclic hydrocarbons, stereochemistry, and alkyl halides. Structure,

bonding, synthesis, and reaction mechanisms are emphasized. Prerequisite: CHEM 232.

CHEM 311 ORGANIC CHEMISTRY I LAB

1 Sem. Hr.

This course will emphasize on laboratory techniques as applied to separation, purification, chemical reaction, and synthesis of organic compounds. Prerequisite: CHEM 212; Pre/Co-requisite: CHEM 331.

CHEM 332 ORGANIC CHEMISTRY II

3 Sem. Hrs.

This course is a study of aromatic hydrocarbons, alcohols, phenols, aldehydes, ketones, and amines. Synthesis, reaction mechanisms, and spectroscopic identification of functional groups are to be described. Prerequisite: CHEM 311, 331.

CHEM 312 ORGANIC CHEMISTRY II LAB

1 Sem. Hr.

This laboratory course is designed to investigate the correlation of organic chemical behavior with organic structures. Basic spectroscopy techniques will also be introduced. Prerequisite: CHEM 311, Pre/Co-requisite: CHEM 332

CHEM 333 QUANTITATIVE ANALYSIS

3 Sem. Hrs.

Theories and principles involved in analytical chemistry including volumetric, gravimetric techniques, electrochemistry of electrolyte solutions and separation methods are described. Prerequisite: CHEM 232.

CHEM 313 QUANTITATIVE ANALYSIS LAB

1 Sem. Hr.

Laboratory experiments will be performed for Quantitative Analysis including volumetric and gravimetric techniques, and acid base reactions. Prerequisite CHEM 212, Pre/Co-requisite: CHEM 333.

CHEM 334 INSTRUMENTAL ANALYSIS

3 Sem. Hrs.

The theory, application, and instrumentation of current techniques in analytical chemistry, such as gas chromatography (GC), high performance liquid chromatography (HPLC), ultraviolet (UV) spectrophotometer, infra red (IR) spectrophotometer, nuclear magnetic resonance (NMR), and mass spectrometry (MS) will be discussed. Prerequisite: CHEM 332.

CHEM 314 INSTRUMENTAL ANALYSIS LAB

1 Sem. Hr.

The students will have the opportunity to get hands on experience on the state-of-the-art equipments such as GC, GC/MS, HPLC, IR, UV, and NMR. Each student will learn how to use these instruments to solve certain environmental and biological problems. Prerequisite: CHEM 332; Pre/Co-requisite: CHEM 334

CHEM 335 BIOCHEMISTRY

3 Sem. Hrs.

Chemical composition of matter will be studied from the standpoint of molecular logic. The structure of macromolecules will be studied by first understanding the basic building blocks of lipids, proteins, nucleic acids and carbohydrates. The structure of cellular components and energy metabolism and the roles of vitamins and cofactors will be studied. Prerequisite: CHEM 332.

CHEM 315 BIOCHEMISTRY LAB

1 Sem. Hr.

Laboratory experiments will be performed for Biochemistry (CHEM 335) concerning the structure, composition, and some of the properties of the macro-

molecules, proteins, carbohydrates, lipids, and nucleic acids. Prerequisite: CHEM 312, Pre/Co-requisite CHEM 335.

CHEM 420 HONORS CHEMISTRY SEMINAR **2 Sem. Hrs.**
Class discussion of current developments in chemistry. Open to Juniors and Seniors only.

CHEM 428-429 HONORS CHEMICAL RESEARCH **4 Sem. Hrs.**
A course intended to provide training in the methods of access and use of scientific literature, the planning and conduct of research, and report writing. Open to Junior and Senior Honor students only. Each course is a two module course.

CHEM 430 ORGANIC SYNTHESSES OF NATURAL PRODUCTS **3 Sem. Hrs.**
A study of the criteria for applications of reactions and design of complex organic synthesis. The scope and mechanisms of certain reactions that currently are used as the widespread application to the synthesis of natural products are also presented. Lecture only. Prerequisite: CHEM 332.

CHEM 410 ORGANIC SYNTHESIS LABORATORY **1 Sem. Hr.**
This course deals with the simple synthesis and isolation of organic compounds such as, extraction of caffeine from tea, synthesis and analysis of mixture of alkenes from alcohols by gas chromatography, nucleophilic substitution reactions, biosynthesis of ethanol, esterification, Diels Alder reaction, synthesis of vitamins, preparation of sulfanilamide, condensation reactions etc. Prerequisite CHEM 332; Pre/Co-requisite: CHEM 430.

CHEM 433 IDENTIFICATION OF ORGANIC COMPOUNDS **3 Sem. Hrs.**
Characterization of organic compounds by means of solubility classes, functional group properties, and spectroscopic methods. Searching the literature and preparation of derivatives. Prerequisite: CHEM 312

CHEM 413 IDENTIFICATION OF ORGANIC COMPOUNDS LAB **1 Sem. Hr.**
This course will provide the students the laboratory techniques on separation, characterization and identification of organic substances and organic mixtures. Prerequisite: CHEM 312, Pre/Co-requisite: CHEM 433.

CHEM 434 PHYSICAL CHEMISTRY I **3 Sem. Hrs.**
Fundamental principles of Physical Chemistry will be presented with emphasis on the properties of gases, kinetic molecular theory of gases, the first law of thermodynamics, thermochemistry, and the phase equilibria. Pre/Co-requisite: CHEM 232, CHEM 332, MATH 231-232.

CHEM 414 PHYSICAL CHEMISTRY I LAB **1 Sem. Hr.**
Experiments will be performed for Physical Chemistry I (CHEM 434) involving gas laws, kinetic theory of gases, thermochemistry, and the first law of thermodynamics. (Prerequisite: CHEM 212, CHEM 312, and MATH 231-232; Pre/Co-requisite: CHEM 434).

CHEM 435 PHYSICAL CHEMISTRY II**3 Sem. Hrs.**

This course will cover the second and the third laws of thermodynamics and their applications, the fundamental principles of electrochemistry, free energy and chemical equilibria, catalysis, and the physical principles of the quantum mechanics theory. Prerequisite: CHEM 434.

CHEM 415 PHYSICAL CHEMISTRY II LAB**1 Sem. Hr.**

Laboratory experiments involve second and third laws of thermodynamics, chemical equilibria, and chemical kinetics. Prerequisite: CHEM 414, Pre/Co-requisite: CHEM 435.

CHEM 436 COMPUTER METHODS IN CHEMISTRY**3 Sem. Hrs.**

Basics of computerized instrumentation for the control of instruments, direct acquisition and analysis of the data from the experiment. Computerized literature search, drawing three dimensional structures of chemical compounds, problem solving in stoichiometry, and chemical kinetics. Prerequisite: CHEM 334, CHEM 435.

CHEM 416 COMPUTER METHODS IN CHEMISTRY LAB**1 Sem. Hr.**

Experiments will be conducted in the lab for Computer Methods in Chemistry (CHEM 436) concerning computerized acquisition and analysis of the data from the experiments in stoichiometry and chemical kinetics. Prerequisite: CHEM 314, CHEM 415, Pre/Co-requisite: CHEM 436.

CHEM 460 INTERNSHIP**6 Sem. Hrs.**

Work experience in business, industrial, governmental, research laboratory or service organization as may be relevant to career objective. The work experience is considered as an opportunity to apply and extend knowledge obtained in the classroom. Prerequisite: at least 16 semester hours of chemistry courses, approval by the faculty advisor and the Director of Cooperative Education.

COMPUTER SCIENCE

The following are the required courses for the Bachelor of Science degree in Computer Science:

NOTE: Introduction to Personal Computers (CMSC 230) is a General Education course and is required before any of the following courses can be taken.

COMPUTER SCIENCE CORE REQUIREMENTS:

CMSC	231	Basic Programming
CMSC	232	FORTRAN
CMSC	234	Pascal
CMSC	236	C Language
CMSC	330	Assembly Language
Elective		One course of student's choice
Elective		Five (5) computer science electives
CMSC	430	Computer Organization
CMSC	431	Data Structure/Algorithm

CMSC	432	Operating System
CMSC	434	Computer Science Project
CMSC	435	Database Management
CMSC	460	Internship
MATH	230	Pre-Calculus
MATH	231	Analytical Geometry and Calculus I
MATH	232	Analytical Geometry and Calculus II
MATH	234	Introduction to Probability and Statistics

A REQUIRED PROGRAM FOR A B.S. IN COMPUTER SCIENCE

FRESHMAN YEAR:

See Freshman Year Experience for Details 35

SOPHOMORE YEAR:

SEM. HRS.

MATH	230	Pre-Calculus	3
AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book review	.5
CMSC	230	Introduction to Personal Computers	3
CMSC	234	PASCAL	3
MATH	231	Analytical Geometry & Calculus I	3
HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
LANG		Two courses in one Foreign Language	6
Elective		Elective	3
CMSC	231	Basic Programming	3
		TOTAL	31.5

JUNIOR YEAR

MATH	232	Analytical Geometry & Calculus II	3
MATH	234	Introduction to Probability & Statistics	3
AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book Review	.5
CMSC	232	FORTTRAN	3
CMSC	330	Assembly Language	3
CMSC	431	Data Structures	3
CMSC	236	C Language	3
Elective		Computer Science Elective	3
CMSC	460	Internship	6
ENGL	331	Advanced Grammar & Composition	3
REL		One course in Religion	3
		TOTAL:	32.5

SENIOR YEAR:

CMSC	430	Computer Organization	3
CMSC	432	Operating System	3
CMSC	434	Computer Science Project	3

CMSC	435	Database Management	3
CMSC		Three Computer Science Electives	9
ELECTIVE		Two general electives	6
		TOTAL	27
		Total Credit Hours Required	126

ELECTIVES: COMPUTER SCIENCE

CMSC	233	Cobol
CMSC	238	Discrete Mathematics
CMSC	332	Linear Programming
CMSC	334	Visual Basic
CMSC	331	JAVA
CMSC	333	C + + Language
CMSC	433	Computer Networking
CMSC	437	Introduction to Computer Graphics
CMSC	438	Communication Networks
CMSC	439	Introduction to Artificial Intelligence

COMPUTER SCIENCE COURSE DESCRIPTIONS

CMSC 230 INTRO TO PERSONAL COMPUTERS 3 Sem. Hrs.

A brief overview of the history, early developments and generations of computers, introduction to computer terminology, discussions on hardware, software and the various categories of computers, hands-on exercises with a simulation package, word processing, spreadsheet, database, and orientation to BASIC programming.

CMSC 231 BASIC PROGRAMMING 3 Sem. Hrs.

A first course for beginners in computer programming languages. Topics comprise the continuation of general BASIC statements, numeric and string data expressions, program control, arrays, subroutines, and functions, records and files, sequential files, direct access files, and indexed files. Prerequisite: CMSC 230.

CMSC 232 FORTRAN 3 Sem. Hrs.

Coding; naming variables; explicit and implicit declaration; input/output statements; format statements; control statements; loop control statements; functions and subroutines; arrays; common, external, and equivalence state example, logical, and double precision variables. Prerequisite: CMSC 230.

CMSC 233 COBOL: COMPUTER APPLICATION TO BUSINESS 3 Sem. Hrs.

A high level programming language geared for business applications. Students will become familiar with its overall organizational programming structure and be encouraged to code and run several programs. Prerequisite: CMSC 230.

CMSC 234 PASCAL**3 Sem. Hrs.**

Constants and identifiers; input/output, and assignment statements; Boolean expression; conditional statements; looping; procedures and functions; recursion; scalar, ordinal and subrange types; arrays; records. Prerequisite: CMSC 230.

CMSC 235 RPG Programming**3 Sem. Hrs.**

Designed to build a knowledge of RPG on a step-by step basis. Exploration of all functions available in the RPG language; solutions to a variety of problems. Prerequisite: CMSC 230.

CMSC 236 C- Language**3 Sem. Hrs.**

Identifiers; operators and expressions; input/output statements; control statements; while, do-while, for, if-else, switch, break, and continue statements; functions; array and pointers; structures and unions. Prerequisites: CMSC 234.

CMSC 238 DISCRETE MATHEMATICS**3 Sem. Hrs.**

Induction and Recursion; sets counting; graphs; structures and simulations; Boolean algebra; algebraic structures; encoding and decoding; finite state machines. Prerequisites: CMSC 231 or 232 or 233 or 234.

CMSC 330 ASSEMBLY LANGUAGE**3 Sem. Hrs.**

This course introduces the students to machine language structure and coding and provides a direct, comprehensive description of the arithmetic, logical, branching and basic principles of systems programming. Prerequisite: CMSC 231 or 232 or 233 or 234.

CMSC 331 JAVA**3 Sem. Hrs.**

This course will prepare students to learn more advanced aspects of the Java language. Students will learn about Java's object-oriented building block, and work with Java's operator and control flow statements. The course not only will teach student how to use these features of Java, but also talk about when and why you would use them. Pre-Requisite for this course is C Language CMSC 236.

CMSC 332 LINEAR PROGRAMMING**3 Sem. Hrs.**

General theory of linear programming; the simplex; the revised simplex method; parametric linear programming; matrix games. Prerequisite: CMSC 231 or 232 or 233 or 234 and MATH 233.

CMSC 333 C ++ PROGRAMMING**3 Sem. Hrs.**

This course covers the syntax of C++ programming languages which is an extension to the C Language with emphasis on proper design and the techniques using the basic computer of object oriented programming. Pre-Requisite for this course is C Language CMSC 236.

CMSC 334 VISUAL BASIC**3 Sem. Hrs.**

Allows students to design and develop software applications for the Windows Operating System. Visual Basic incorporates a set of software technologies called Active X. Active X technology allows the creation, integration, and reuse of software components called controls. This course will provide an

overview of application development, user interface design, program development methodology, structure programming, object-oriented programming and the Visual Basic software development systems. Pre-Requisite for this course is Basic Programming CMSC 231.

CMSC 430 COMPUTER ORGANIZATION

3 Sem. Hrs.

Components of micro, mini, and main frame architectures, stack computers and operation of the hardware, software components of computer systems. Includes logic design, number representations and arithmetic, interrupt handling, devices and their control. Implementation of binary arithmetic, Elementary Boolean Algebra and Elementary Design. Prerequisite: CMSC 330.

CMSC 431 DATA STRUCTURES/ALGORITHM

3 Sem. Hrs.

Analysis of internal and external storage, manipulation, search and retrieval of different data structures. A study of sorting and searching techniques. Description of trees, files, algorithm analysis, recursion using Pascal. Basic concepts of data and structures such as strings, lists, arrays, stack, queues, trees, and graphs, and analysis and design of efficient algorithms for searching and sorting. Example and programming will utilize the Pascal Language. Prerequisite: CMSC 234 and 330.

CMSC 432 OPERATING SYSTEMS

3 Sem. Hrs.

A brief introduction on the early history, developments and generations of operating systems, hardware, software, firmware, process concepts, various storages and storage management, job and processor scheduling, disk scheduling, and file and database systems. Prerequisite: CMSC 230, CMSC 231 or CMSC 232 or, CMSC 233, or CMSC 234 and CMSC 431.

CMSC 433 COMPUTER NETWORKING

3 Sem. Hrs.

An overview of Data Communication, data terminals, architecture of network, message switching, error-checking codes, high-level protocols. Prerequisite: CMSC 432.

CMSC 434 COMPUTER SCIENCE PROJECT

3 Sem. Hrs.

Students are required to work on a computer programming based project, prepare a paper and present it to their peers. Discussions will involve programming peculiarities; advanced topics in programming; and evaluation of the projects. Prerequisite: CMSC 431.

CMSC 435 DATABASE MANAGEMENT SYSTEMS

3 Sem. Hrs.

Design and management of database systems with an emphasis on search and matching techniques and efficiency of computer algorithms. Prerequisite: CMSC 330.

CMSC 437 INTRODUCTION TO COMPUTER GRAPHICS

3 Sem. Hrs.

Graphical display of solutions to scientific and commercial problems; various display algorithms; graphic languages and display units. Prerequisite: Any 400 level Computer Science Course.

CMSC 438 COMMUNICATION NETWORKS

3 Sem. Hrs.

Introduction to communication networks; design principles for networks; physical layer; data link layer; local area network; network layer; transport, session, and presentation. Prerequisite: CMSC 335.

CMSC 439 INTRODUCTION TO ARTIFICIAL INTELLIGENCE

3 Sem. Hrs.

Problem solving methods in artificial intelligence; (heuristic) programming; memory models. Prerequisite: CMSC 431.

CMSC 460 INTERNSHIP

6 Sem. Hrs.

Work experience in business, industrial, governmental, or service organization as may be relevant to career objective. The work experience is considered as an opportunity to apply and extend knowledge obtained in the classroom. Prerequisite: at least six (6) computer science courses and approval by faculty and the Director of Cooperative Education.

MATHEMATICS

The following are required courses for the Bachelor of Science degree in Mathematics:

MATHEMATICS

MATH	230	Pre-Calculus
MATH	231-232	Analytic Geometry and Calculus I-II
MATH	233	Linear Algebra
MATH	330	Number Theory
MATH	331-332	Analytic Geometry and Calculus III-IV
MATH	333	Numerical Methods
MATH	334-335	Abstract Algebra I-II
MATH	431	Differential Equations
MATH	433-434	Advanced Calculus I-II
MATH	435	Complex Variables
MATH	436	Real Analysis
MATH	460	Internship
PHYS	231-232	Physics I-II
PHYS	211-212	Physics Lab
CMSC	232	FORTTRAN
Elective		One course of student's choice

A REQUIRED PROGRAM FOR B.S. IN MATHEMATICS

FRESHMAN YEAR

See Freshman Year Experience for Details 35

SOPHOMORE YEAR

			SEM. HRS.
AEP	211-212	Academic Enrichment	1
CEP	208-209	Oral Book Review	.5
MATH	230	Pre-Calculus	3
MATH	231-232	Analytical Geometry and Calculus I-II	6
MATH	331-332	Analytical Geometry and Calculus III and IV	6
PHYS	231-232	Physics I and II	6
PHYS	211-212	Physics I and II Labs	2

HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar & Composition	3
SOSC	233	Social Science Seminar	3
Elective		Elective	3
		TOTAL	36.5

JUNIOR YEAR

AEP	311-312	Academic Enrichment	1
CEP	308-309	Oral Book Review	.5
MATH	460	Internship	6
MATH	233	Linear Algebra	3
MATH	333	Numeric Methods	3
MATH	334-335	Abstract Algebra I and II	6
CMSC	230	Intro. to Personal Computers	3
CMSC	232	FORTRAN	3
		Two courses in on Modern Foreign Language	6
		TOTAL	31.5

SENIOR YEAR

MATH	431	Differential Equations	3
MATH	433-434	Advanced Calculus I-II	6
RELG	230	Intro to Biblical Studies	3
MATH	330	Number Theory	3
MATH	435	Complex Variables	3
		One Computer Elective	3
		TOTAL	21
		TOTAL hours for graduations	124

MATHEMATICS COURSE DESCRIPTIONS

MATH 230 PRE-CALCULUS

3 Sem. Hrs.

Elementary properties of real numbers, inequalities, intervals, equations, algebraic expressions, quadratic rule, absolute value, functions, functional notation, graphing techniques, lines, quadratic functions, methods of combining functions, inverse functions, right triangles, trigonometric functions of angles using unit circle and degree, radian measures of angles are studied. Prerequisite: MATH 131-132.

MATH 231 ANALYTICAL GEOMETRY & CALCULUS I

3 Sem. Hrs.

Limits, derivatives, properties of limits and derivatives, applications of derivatives including rates of change and maximum—minimum problems are studied. Prerequisite: MATH 230.

MATH 232 ANALYTICAL GEOMETRY & CALCULUS II

3 Sem. Hrs.

Antiderivatives, definite integrals, problems of areas, volumes, center of mass, and transcendental functions are studied. Prerequisite: MATH 231.

MATH 233 LINEAR ALGEBRA**3 Sem. Hrs.**

Vectors, vector spaces, Gaussian eliminations, matrices, determinants, characteristic values and applications to linear programming is considered. Prerequisite: MATH 131-132.

MATH 234 INTRODUCTION TO PROBABILITY AND STATISTICS**3 Sem. Hrs.**

Course covers organization of data, measurement of central tendency and dispersion, the probability, the normal and the sampling distributions, tests of hypothesis, goodness of fit, contingency tables, linear regression and linear correlation. Prerequisite: MATH 131-132.

MATH 330 NUMBER THEORY**3 Sem. Hrs.**

Divisibility and factorization of integers, linear and quadratic congruences, Fermat's theorem, Euler's functions and elementary number theoretic functions are studied.

MATH 331 ANALYTICAL GEOMETRY AND CALCULUS III**3 Sem. Hrs.**

Techniques of integration, improper integrals, L' Hopital's rule, conic sections, sequences, series, Taylor and Maclaurin series for a function, vectors, equations of lines and planes in space, and vector valued functions are studied. Prerequisite: MATH 232.

MATH 332 ANALYTICAL GEOMETRY AND CALCULUS IV**3 Sem. Hrs.**

Calculus of vector valued functions, functions of several variables, multiple integrals and applications of the topics in Physics are considered. Prerequisite: MATH 331.

MATH 333 NUMERICAL METHODS**3 Sem. Hrs.**

Solutions of equations, interpolation, approximation, numerical differentiation, integration, error analysis and writing programs are considered. Prerequisite: CMSC 232 and MATH 231-232.

MATH 334 ABSTRACT ALGEBRA I**3 Sem. Hrs.**

Congruences in \mathbb{Z} , modular arithmetic, rings, polynomial rings, fields, quotient rings, groups, groups of symmetries of a polygon and symmetric groups are studied. Prerequisite: Suggested; MATH 230.

MATH 335 ABSTRACT ALGEBRA II**3 Sem. Hrs.**

Integral domains, division rings, arithmetic in integral domains, unique factorization domains, field of quotients of an integral domain, field extensions, direct products, sylow theorems, solvability by radicals are studied. Prerequisite: MATH 334.

MATH 336 PROBABILITY AND STATISTICAL THEORY**3 Sem. Hrs.**

Definition of probability, random variables, densities, cumulative density functions, functions of random variables, methods of obtaining distributions of random variables, different distribution functions such as Binomial, normal, F and X, hypothesis testing and its methods, type I and II errors, and theorems such as central limit theorem are studied. Prerequisite: MATH 232.

MATH 425 MATH HONORS SEMINAR**2 Sem. Hrs.**

Topics in today's research perspective are presented in lecture forms. These problems include diverse areas such as Number Theory, probability and statistics and other areas of interest. Prerequisite: MATH 434.

MATH 428-429 MATHEMATICAL RESEARCH**4 Sem. Hrs.**

Topics introduced in the Math Honors Seminar are to be investigated and researched upon by student and the cumulative findings to be presented to class and published, if possible. Prerequisite: MATH 434.

MATH 431 DIFFERENTIAL EQUATIONS**3 Sem. Hrs.**

Solution techniques for first order equations, linear equations of higher order, the Laplace transforms and systems of equations and applications involving initial value problems are discussed. Prerequisite: MATH 332.

MATH 433 ADVANCED CALCULUS I**3 Sem. Hrs.**

Sets, sequences, limits of functions, and continuity are discussed. Prerequisite: MATH 332.

MATH 434 ADVANCED CALCULUS II**3 Sem. Hrs.**

Differentiation, integration, infinite Series, and sequences and series of functions are discussed. Prerequisite: MATH 433.

MATH 435 COMPLEX VARIABLES**3 Sem. Hrs.**

Complex number system, metric spaces, topology of \mathbb{C} , analytic functions, complex integrations, and singularities are discussed. Prerequisite: MATH 332.

MATH 460 INTERNSHIP**6 Sem. Hrs.**

Work experience in business, industry, government, research labs, or service organizations as may be relevant to career objectives. The work experience is considered as an opportunity to apply and extend knowledge obtained in the classroom. Prerequisite: at least six courses in mathematics and approval by faculty advisor and the Coordinator of Cooperative Education.

PHYSICS COURSE DESCRIPTIONS

PHYS 231 PHYSICS I**3 Sem. Hrs.**

Non-calculus based physics taught for Biology, Chemistry, and Computer Science majors. The following topics are studied in this course such as motion in one direction, motion in two directions (circular motion, projectile motion, and motion in the x-y plane), Newton's Laws, energy, power and impulse. Prerequisite: MATH 230, corequisite: PHY 211.

PHYS 211 PHYSICS I LAB**1 Sem. Hr.**

This course will offer experiments that will help understand the concepts discussed in PHYS 231 such as one and two dimensional motions, Newton's Laws, energy and power. Corequisite PHYS 231.

PHYS 232 PHYSICS II**3 Sem. Hrs.**

Non-calculus based physics, taught for Biology, Chemistry, and Computer Science students. Stress and strain, archimedes principles, heat, and change of phase, thermal expression, optics, oscillations, waves, sound, electricity and magnetism. Prerequisite: PHYS 231.corequisite: PHYS 212.

PHYS 212 PHYSICS II LAB**1 Sem. Hr.**

This course will offer experiments that will help understand the concepts discussed in PHYS 232 such as archimedes principles, heat, oscillations, waves, sound, and electricity. Corequisite PHYS 32.

GENERAL SCIENCE EDUCATION DEGREE PLAN

General Science education majors are required to take sufficient course work to give them a breadth on Science. This sequence of courses prepares the student to teach any high school science courses.

REQUIRED PROGRAM FOR B.S. IN GENERAL SCIENCE EDUCATION

FRESHMAN YEAR**SEM. HRS.**

See Freshman Year Experience for Details

35**SOPHOMORE YEAR**

HUMA	230	Fine Arts	3
Or			
ENGL	230	World Literature	3
Or			
HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar & Composition	3
RELG	230	Intro. to Biblical Studies	3
		Two courses in one Foreign Language	6
SOSC	231	Social Science Seminar	3
CMSC	230	Intro. to Personal Computers	3
BIOL	231	General Botany	3
BIOL	211	General Botany Lab	1
BIOL	232	General Zoology	3
BIOL	212	General Zoology Lab	1
PRAX	230	Praxis Seminar (not required if student has required ACT score)	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
		TOTAL	33.5

Pre-Professional Skills Test: Sub-Test:

Reading

Writing

Mathematics

JUNIOR YEAR

BIOL	231	Environmental Science	3
CHEM	231	General Chemistry I	3
CHEM	211	General Chemistry I Lab	1
CHEM	232	General Chemistry II	3
CHEM	212	General Chemistry II Lab	1
PHYS	231	General Physics I	3
PHYS	211	General Physics I Lab	1
PHYS	232	General Physics II	3
PHYS	211	General Physics II Lab	1
MATH	230	Pre-calculus	3
or			
MATH	231	Analytical Geometry & Cal. I	3
PSYC	332	Human Growth & Development	3
PSYC	331	Psychology of Exceptional Students	3
EDUC	230	Foundations of Education	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		TOTAL	32.5
		Praxis II Examination: Sub-test:	
		Principles of Learning and Teaching	
		Content Area Examination	

SENIOR YEAR

EDUC	313	Educational Technology Competency	
		Education requirement: One Reading Course	3
EDUC	430	Measurement and Evaluation	3
EDUC	433	Integrative Student Seminar	3
ELECTIVES		Two Science Electives	6
EDUC	413	Teaching Strategies Practicum (Obs/Par)	1
EDUC	460/461	Student Teaching	12
		TOTAL	28

TOTAL HOURS REQUIRED FOR GRADUATION: 129.00

MATHEMATICS EDUCATION DEGREE PLAN

Mathematics education majors are required to take sufficient course work to give them enough basic knowledge to succeed as a high school mathematics teacher.

Required Program for B.S. in Mathematical Education degree.

FRESHMAN YEAR

See Freshman Year Experience for Details

Sem. Hrs.

35

SOPHOMORE YEAR

HUMA 230 Fine Arts

3

Or

ENGL	230	World Literature	3
Or			
HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar & Comp.	3
RELG	230	Intro. to Biblical Studies	3
		Two courses in one Foreign Language	6
SOSC	231	Social Science Seminar	3
CMSC	230	Intro. to Computers	3
MATH	230	Pre-calculus	3
Or			
MATH	213	Analytical Geometry and Calculus I	3
MATH	233	Linear Algebra	3
CMSC	231	BASIC Programming	3
PRAX	230	PRAX Seminar	3
AEP	211.212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
		TOTAL:	34.5
		Pre-Professional Skills Test: Sub-Test	
		Reading	
		Writing	
		Mathematics	

JUNIOR YEAR

MATH	232	Analytical Geometry & Calculus II	3
MATH	331	Analytical Geometry & Calculus III	3
MATH	332	Analytical Geometry & Calculus IV	3
MATH	334	Abstract Algebra I	3
MATH	335	Abstract Algebra II	3
MATH	234	Introduction to Probability & Statistics	3
PSYC	331	Psychology of Exceptional Students	3
PSYC	332	Human Growth and Development	3
EDUC	230	Foundations of Education	3
EDUC	313	Educational Technology Competency	1
		Education requirement: One Reading Course	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		TOTAL	32.5
		PRAXIS II Examination: Subtest	
		Principles of Learning & Teaching	
		Content Area Examination	

SENIOR YEAR

PHYS	231	Physics I	3
PHYS	211	Physics I Lab.	1
MATH	330	Number Theory	3

EDUC	413	Teaching Strategies	1
		One Free Elective	3
MATH	431	Differential Equations	3
EDUC	433	Integrative Teaching Seminar	3
EDUC	460/461	Student Teaching	12
		TOTAL	29
		TOTAL HOURS REQUIRED TO GRADUATION:	131

ADDITIONAL SCIENCE AND MATHEMATICS COURSES

SCIN 211 ENVIRONMENTAL SCIENCE LAB **1 Sem. Hr.**

Field trips, analysis of water, soil, water pollution, air pollution, soil pollution, water purification, over population.

SCIN 220 SCIENTIFIC COMMUNICATIONS **2 Sem. Hrs.**

A course to cover the art of presenting scientific and technical facts. Students will learn the skills of technical writing and presentation of facts and figures following standard scientific communication formats. Different notable scientific journals will be used as models to familiarize students with different styles and formats.

SCIN 230 SCIENTIFIC COMPUTING **3 Sem. Hrs.**

Students will be introduced to several microcomputer softwares that are helpful in organizing technical information and scientific data, such as Lotus 1,2,3 dBase, and Wordprocessing. This course will help students to manage and analyze the large body of scientific data in an efficient and meaningful way and prepare manuscript for scientific publications or presentations.

SCIN 231 ENVIRONMENTAL SCIENCE **3 Sem. Hrs.**

This course will cover such topics as Resources, Environmental Degradation, and Pollution; Ecosystem, Cultural changes, ethics; Human Population Dynamics: Growth, Urbanization, and Regulations; Environmental Economics and Politics; Hazards: risk, and human health; Air, water and Soil Resources: concepts of renewable and nonrenewable resources. Lecture and lab. Open to all students.

SCIN 232 BIOMEDICAL TECHNIQUES **3 Sem. Hrs.**

This course will cover data acquisition, its interpretation and instrumentation handling in procedures involved in spectroscopic and chromatographic analysis. In addition, the students will gain experience in organic synthesis involving techniques such as centrifugation, rotary evaporation and vacuum distillation.

SCIN 430 METHODS OF TEACHING SCIENCE **3 Sem. Hrs.**

The selection and use of materials, planning of units of study for science courses taught at the junior and senior level, and the use of new materials in secondary school. Prerequisite: Senior standing and departmental approval.

SCIN 431 ETHICS & ECONOMICS OF CONTEMPORARY RESEARCH **3 Sem. Hrs.**

This is a philosophical course designed to make students think in terms of morals, ethics, and economic factors which go along with biomedical

research. Students will be required to do extensive library research and discuss their selected topics in the class. Some examples of such topics are: frozen semen, artificial insemination, superbacteria, surrogate motherhood, recombinant DNA technology and genetic engineering, Star Wars etc.

ENGR 331-332 ENGINEERING GRAPHICS

6 Sem. Hrs.

An introductory course in Engineering graphics. The student will be introduced to the use of Auto Cad Release 10. Designed for the pre-engineering students.

MEDICAL TECHNOLOGY PROGRAM

Rust College in collaboration with Meharry Medical College/Tennessee State University offers a Bachelor of Science Degree in Medical Technology. The student will study for three years at Rust College completing the prerequisite courses before the Clinical Laboratory Training. He/she will be advised by the Rust College Medical Technology Advisor throughout the pre-clinical and clinical experiences. The fourth year will be spent at Meharry Medical College/Tennessee State University completing the clinical component of the Medical Technology Program. Upon completion of the total program, the student receives a Bachelor of Science in Medical Technology from Rust College and a Certificate from Meharry Medical College/Tennessee State University.

The qualifications for acceptance into the Clinical Component of the Medical Technology Program are as follows:

1. Complete three (3) years of prescribed course work toward meeting the requirements for a Bachelor of Science degree in Medical Technology.
2. Maintain a cumulative grade point average of not less than 2.5 (on the basis of "A" = 4).
3. Maintain a grade point average of 2.5 or better in Biological and Physical Science courses taken.
4. Submit a Rust College transcript that is evaluated as satisfactory by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).
5. Submit an application and transcript that is acceptable by the Medical Technology Admission Committee in the School of Allied Health.

NOTE 1: Only fourteen students will be accepted annually from all of the affiliate institutions. This means that all of the Rust College students majoring in Medical Technology may or may not gain entrance into the Clinical Component of this Medical Technology Program.

NOTE 2: Rust College can grant a Bachelor of Science degree prior to the student's receiving Board of Registry Certification.

All students participating in the clinical Component of the program are required by Rust College to obtain adequate professional liability insurance coverage for the term of their assignment at TSU. For further information on insurance coverage, Tennessee State University School of Allied Health should be consulted.

1. Dean of the School of Allied Health Professions.
(615) 320-3146
School of Allied Health Professions
Tennessee State University
Nashville, TN 37203

The following are the major required courses (in addition to general education requirements) for the first three years of the Medical Technology Program at Rust College.

MEDICAL TECHNOLOGY PRE-CLINICAL CURRICULUM CORE COURSES

BIOL	232	General Zoology
BIOL	212	General Zoology Lab
BIOL	346	Microbiology and Immunology
BIOL	316	Microbiology Lab
BIOL	431	Genetics
BIOL	411	Genetics Lab
CHEM	231-232	General Chemistry I-I
CHEM	211-212	General Chemistry I-II Labs
CHEM	331-332	Organic Chemistry I-II
CHEM	311-312	Organic chemistry I-II Labs
MATH	234	Introduction to Probability and Statistics
PHYS	231-232	Physics I-II
PHYS	211-212	Physics I-II Labs
CMSC	230	Introduction to Personal Computers
BIOL		Three Elective Courses

A REQUIRED PROGRAM IN MEDICAL TECHNOLOGY

FRESHMAN YEAR

See Freshman Year Experience for Details 35

SOPHOMORE YEAR

AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
BIOL	232	General Zoology	3
BIOL	212	General Zoology Lab	1
BIOL	336	Microbiology & Immunology	3
BIOL	316	Microbiology & Immunology Lab	1
CMSC	230	Introduction to Personal Computers	3
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chemistry I-II Labs	2
MATH	234	Introduction to Probability & Statistics	3
SOSC	231	Social Science Seminar	3
		Two courses in one Foreign Language	6
Religion		One course in Religion	3
		TOTAL:	35.5

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
BIOL		Two biology electives with labs	8
ENGL	232	Advanced Grammar & Comp.	3
HUMA	233	Humanities Seminar I	3
CHEM	341/342	Organic Chemistry I-II	6
CHEM	311/312	Organic Chemistry I-II Lab	2
PHYS	231/232	Physics I-II	6
PHYS	211/212	Physics I-II Lab	2
		TOTAL	31.5

SENIOR YEAR

(Students attend Meharry Medical College/Tennessee State University)

MEDICAL TECHNOLOGY/CLINICAL CURRICULUM

		<u>FALL</u>	<u>SPRING</u>	<u>SUMMER</u>
MT 401-03-03	Clinical Chemistry	3	3	3
MT 411-12-13	Clinical Microbiology	3	3	3
MT 421-22-23	Immunohematology	3	3	3
MT 431-32-33	Immunology//Serology	2	2	1
MT 452-52-53	Hematology	3	3	3
MT 460-61	Parasitology	1	1	1
MT 471-72-73	Clinical Microscopy	2	2	
	TOTAL HOURS	17	17	14

This clinical curriculum of this program requires 12 months of continuous study beginning the fall semester each year and ending by the last of July the following year. Students will enroll according to the regular registration schedule at Tennessee State University for three (3) consecutive semesters beginning with the first session of the fall term. Students are required to complete 48 semester hours of medical technology courses as described in the curriculum.

DUAL DEGREE PROGRAM IN MEDICINE AND BIOLOGY OR CHEMISTRY

Rust College in cooperation with Meharry Medical College in Nashville, TN, offers a dual degree program in Medicine and Biology or Chemistry. Under this program the student attends Rust College for three academic years and then attends Meharry Medical College for four years. Rust College and Meharry Medical College agree to the following:

1. Permit qualified Rust College students, who have successfully completed a prescribed three-year course (Pre-Medical Program) of study and have satisfied entrance criteria, to enroll at Meharry Medical College for their first year of professional medical training. The number of

students to be admitted each year will be determined jointly by the faculty of Rust College and Meharry Medical College.

2. Encourage students, who have entered Meharry Medical College under this Agreement, to return to Rust College after the successful completion of the first professional year at Meharry Medical College for the award of their Bachelor of Science degree either in biology or chemistry and then continue their studies at Meharry Medical College toward completion of the final professional years of their medical education.

The students who shall be provided this dual degree opportunity must have:

1. Completed a Rust College prescribed 3-year curriculum in either biology or chemistry, with a 3.25 grade point average or better (transfer students are not eligible);
2. MCAT (Medical College Admission Test) scores of eight (8) or better in each category;
3. Approval by the Rust College Pre-medicine Advisory Committee and the Meharry Medical College Admission Committee;
4. Successful completion of the first year of medical school at Meharry Medical College.(The total credits earned at Meharry must equal at least twenty-four (24) semester hours);

PRE-PROFESSIONAL HEALTH CAREER PROGRAM

Students preparing for careers in medicine, dentistry, pharmacy, medical technology, nursing or other health related fields need to complete all requirements as described in this catalog for an appropriate major in science. They should consult with their advisor as to the exact course(s) that would be appropriate for them. Students preparing for health related careers usually major in biology or chemistry. In addition to completing course work, students should also consult with the Pre-Medical Advisor to determine the proper times to take admissions tests and apply to appropriate professional school.

Students preparing for careers in medicine and dentistry need to complete all requirements as described in this catalog for their major. Students preparing for careers in medicine and dentistry usually major in biology or chemistry, but some students major in other fields in the liberal arts. The following are required courses and suggested curriculum for the pre-professional program.

In addition to the general education requirements, the following courses are needed for the pre-medical and pre-dentistry program:

REQUIRED COURSES FOR PRE-MEDICINE AND PRE-DENTISTRY

Pre Medicine and Pre-Dentistry Core Courses

CHEM	231/232	General Chemistry I-II
CHEM	211/212	General Chemistry I-II Labs
CHEM	331/332	Organic Chemistry I-II
CHEM	311/312	Organic Chemistry I-II Labs
BIOL	231	General Botany

BIOL	211	General Botany Lab
BIOL	232	General Zoology
BIOL	212	General Zoology Lab
PHYS	231-232	Physics I-II
PHYS	211-212	Physics I-II Labs
MATH	231-232	Calculus I-II
ENGL	232	Advanced Grammar and Composition
ENGL	230	World Literature
Electives:		46 Hrs. (as suggested below)

(a) Chemistry. A minimum of 16 semester hours in chemistry is required. Eight hours must be in organic chemistry and another eight hours must be in inorganic chemistry. Additional courses that one may consider are such courses as biochemistry, advanced analytical chemistry, physical chemistry or instrumentation analysis.

(b) Physics. Acceptable courses in physics must include laboratory credits and must adequately cover mechanics, heat, light, sound, electricity, and magnetism.

(c) Biology. Eight semester hours in modern concepts of mammalian biology, including laboratory are required. Students are encouraged to pursue upper level course work in biological sciences such as, cell biology, comparative anatomy, embryology, general genetics, histology, immunology, mammalian physiology, microbiology, or related courses.

(d) English Composition. Both oral and written English are considered highly essential to the successful study of medicine. Advance courses in English and literature are recommended.

(e) Electives. A broad cultural background is recommended for the pre-medical and pre-dental students. Electives in Humanities, including Literature, Social Sciences, Foreign Language, Behavioral Sciences, and other Liberal Arts courses are recommended.

A REQUIRED PROGRAM FOR PRE-MEDICAL AND PRE-DENTAL PROGRAM

FRESHMAN YEAR

See Freshman Year Experience for details

Sem. Hrs.

35

SOPHOMORE YEAR

AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
BIOL	232	General Zoology	3
BIOL	231	General Botany	3
BIOL	212	General Zoology Lab	1
BIOL	211	General Botany Lab	1
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chem. I-II Labs	2

MATH	230	Pre-Calculus I	3
MATH	231	Analytical Geometry and Calculus I	3
HUMA	233	Humanities Seminar	3
CHEM	331/332	Organic Chemistry I-II	6
CHEM	311/312	Organic Chem. I-II Labs	2
CMSC	230	Introduction to Computers	3
		TOTAL	37.5

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
PHYS	231/232	Physics I-II	6
PHYS	211/212	Physics I-II Lab	2
MATH	232	Analytical Geometry & Calculus II	3
or		or	
MATH	234	Introduction to Probability & Statistics	3
CHEM/ BIO	460	Internship	6
		Two Courses in One Foreign Language	6
ENGL	232	Advanced Grammar & Composition.	3
		One Course in major with lab	4
SOSC	231	Social Science Seminar	3
		TOTAL	34.5

SENIOR YEAR

RELG	230	Introduction to Biblical Studies	3
ELECTIVES		6 Advance Science courses with labs	24
ENGL	230	World Literature	3
SOSC	231	Social Science Seminar	3
		TOTAL	3

GRAND TOTAL REQUIRED FOR GRADUATION: 140

PRE-PHARMACY PROGRAM

The following are the course requirements for the pre-pharmacy program. These courses are in addition to the general education requirements of the college. The student is expected to spend three years at Rust College campus to complete the pre-pharmacy requirements. In addition, the student spends 2-3 years at a major institution of his or her choice to complete the B.S. degree in pharmacy. A student may also choose to complete a degree in biology or chemistry before applying to the pharmacy school.

PRE-PHARMACY CORE COURSES

CHEM	231/232	General Chemistry I-II
CHEM	211/212	General Chemistry I-II Labs
MATH	230	Pre-calculus
PYSC	230	General Psychology

BIOL	231	General Botany
BIOL	211	General Botany Lab
BIOL	232	General Zoology
BIOL	212	General Zoology Lab
SPCH	131	Fundamentals of Speech
CHEM	331/332	Organic Chemistry I-II
CHEM	311/312	Organic Chemistry I-II Labs
BECO	231	Principle of Microeconomics
PHIL		Philosophy
PHYS	231/233	General Physics I-II
PHYS	211/212	General Physics I-II Labs
CHEM	333	Quantitative Analysis
CHEM	313	Quantitative Analysis Lab
SCIN	431	Ethics & Economics of Contemporary Research
MATH	234	Introduction to Probability and Statistics
ELECTIVE		Elective

A REQUIRED PROGRAM FOR PRE-PHARMACY

FRESHMAN YEAR

Sem. Hrs.

See Freshman Year Experience for details

35

SOPHOMORE YEAR

AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
BIOL	231	General Botany	3
BIOL	211	General Botany Lab	1
BIOL	232	General Zoology	3
BIOL	212	General Zoology Lab	1
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chemistry I-II Labs	2
MATH	230	Pre-calculus	3
PSYC	230	General Psychology	3
BECO	231	Principle of Microeconomics	3
		Total	26.5

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
CHEM	331/332	Organic Chemistry I-II	6
CHEM	311/312	Organic Chemistry I-II Labs	2
PHIL		Philosophy	3
PHYS	231	General Physics I	3
PHYS	211	General Physics I Lab	1
CHEM	333	Quantitative Analysis	3
CHEM	313	Quantitative Analysis Lab	1
SCIN	431	Ethics & Economics of Contemp. Research	3

Elective	Elective	3
	Total	26.5
	Total hours in the pre-pharmacy curriculum:	88

Required Program for B.S. Degree in Biology Pre-Nursing

The following is a suggested curriculum for the pre-nursing student who completes a bachelor of science degree in biology at Rust College. The curriculum includes the pre-requisite courses required for nursing school. After taking the pre-requisite courses, the pre-nursing student would apply to a nursing program to complete the clinical components of nursing.

FRESHMAN YEAR

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

			Sem. Hrs.
BIOL	231	General Botany	3
BIOL	211	General Botany Lab	1
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chemistry I-II Labs	2
MATH	230	Pre-Calculus	3
MATH	231	Analytical Geometry & Calculus I	3
ENGL	232	Advanced Grammar & Composition	3
HUMA	233	Humanities Seminar	3
SOSC	231	Social Science Seminar	3
REL	230	Introduction to Biblical Studies	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
		TOTAL	31.5

JUNIOR YEAR

Two courses in one Foreign Language			6
CHEM	331/332	Organic Chemistry I-II	6
CHEM	311/312	Organic Chemistry I-II Labs	2
BIOL	336	Microbiology	3
BIOL	316	Microbiology Lab	1
PHYS	231/232	Physics I-II	6
PHYS	211/212	Physics I-II Labs	2
BIOL	333/334	Human Anatomy & Physiology I-II	6
BIOL	313/314	Human Anatomy & Physiology I-II Labs	2
CMSC	230	Introduction to Personal Computers	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
TOTAL			38.5

Senior Year

MATH	234	Introduction to Probability & Statistics	3
BIOL	335	Molecular Biology	3

BIOL	315	Molecular Biology Lab	1
BIOL	431	Genetics	3
BIOL	411	Genetics Lab	1
BIOL	330	Nutrition	3
BIOL	310	Nutrition Lab	1
PSYC	332	Human Growth & Development	3
SOCI	232	Cultural Anthropology	3
PSYC	431	Abnormal Psychology	3
BIOL	460	Internship with Research	6
		TOTAL	30
TOTAL CREDIT HOURS REQUIRED FOR GRADUATION:			135

PRE-ENGINEERING

The following are the required courses for the pre-engineering program. These courses are in addition to the general education requirements of the college. The student is expected to spend 3 years: freshman, sophomore and junior years at Rust College and 2-3 years at a major institution of his or her choice to complete the B.S. Engineering degree requirements.

CHEM	231/232	General Chemistry I-II	
CHEM	211/212	General Chemistry I-II Labs	
MATH	230	Pre-calculus	
MATH	231/232	Analytical Geometry & Cal. I-II	
MATH	331/332	Analytical Geometry & Cal. III-IV	
MATH	434	Differential Equations	
PHYS	231/232	Physics I-II	
PHYS	211/212	Physics I-II Labs	
CMSC	230	Introduction to Personal Computers	
CMSC	232	FORTTRAN (Mechanical)	
Or			
CMSC	238	C Language (Electrical Engineering)	
ENGR	331	Engineering Graphics	
HUM	230	Fine Arts	
or			
ENGL	232	World Literature	
Two courses in one Foreign Language			
BECO	231	Principles of Microeconomics	
BECO	232	Principles of Macroeconomics	

A REQUIRED PROGRAM FOR PRE-ENGINEERING PROGRAM

FRESHMAN YEAR

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

			Sem. Hrs.
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5

MATH	230	Pre-Calculus	3
MATH	231/232	Calculus I and II	6
PHYS	231/232	Physics I and II	6
PHYS	211/212	Physics Lab I and II	2
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chemistry I-II Labs	2
HUM	230	Fine Arts	3
or			
ENGL	232	World Literature	3
		Two courses in one modern foreign language	6
		TOTAL	35.5

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
RELG	230	Introduction to Biblical Studies	3
BECO	231	Principles of Microeconomics	3
BECO	232	Principles of Macroeconomics	3
CMSC	230	Introduction to Personal Computers	3
CMSC	232	FORTRAN	3
or			
CMSC	238	C. Language	3
ENGL	232	Advanced Grammar & Composition.	3
MATH	331/332	Calculus III-IV	6
MATH	431	Differential Equation	3
ENGR	331	Engineering Graphics	3
		Two elective courses	6
		TOTAL	37.5
		TOTAL CREDIT HOURS	108

PRE-CHEMICAL ENGINEERING

The following are the required courses for the pre-chemical engineering program. These courses are in addition to the general education requirements of the college. The student is expected to spend 3-4 years at Rust College and 1-2 years at a major institution of his or her choice to complete the B.S. Chemical Engineering degree requirements.

			Sem. Hours
CHEM	231-232	General Chemistry I-II	6
CHEM	211-212	General Chemistry I-II Labs	2
CHEM	331-332	Organic Chemistry I-II	6
CHEM	311-312	Organic Chemistry I-II Labs	2
CHEM	434-435	Physical Chemistry I-II	6
CHEM	414-415	Physical Chemistry I-II Labs	2
CHEM		Advance Chemistry elective with lab	4
MATH	230	Pre-Calculus	3

MATH	231-232	Analytical Geometry & Calculus I-II	6
MATH	331-332	Analytical Geometry & Calculus III-IV	6
MATH	434	Differential Equations	3
PHYS	233-234	Physics I-II	6
PHYS	213-214	Physics I-II Labs	2
CMSC	230	Introduction to Personal Computer	3
CMSC	232	FORTTRAN	3
or			
CMSC	238	C Language	3
ENGR	331	Engineering Graphics	3
HUM	230	Fine Arts	3
or			
ENGL	231	World Literature	3
BECO	231	Principles of Microeconomics	3
BECO	232	Principles of Macroeconomics	3
ENGL	232	Advanced. Grammar & Composition	3
Elective		Two courses in one Foreign Language	6
TOTAL			81

The suggested schedule for the pre-chemical engineering is the same as pre-engineering major during the first three years. The student may choose to complete the B.S. degree in chemistry before applying to engineering school.

A SUGGESTED PROGRAM FOR THE PRE-ENGINEERING PROGRAM

FRESHMAN YEAR

See Freshman Year Experience Program Details	35
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SOPHOMORE YEAR

AEP	211/312	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
MATH	230	Pre-Calculus	3
MATH	231/232	Calculus I-II	6
PHYS	231/232	Physics I-II	6
PHYS	211/212	Physics Lab I-II	2
CHEM	231/232	General Chemistry I-II	6
CHEM	211/212	General Chemistry I-II	Labs 2
HUMA	230	Fine Arts	3
Or			
ENGL	230	World Literature	3
		Two Courses of One Foreign Language	6
TOTAL:			35.5

JUNIOR YEAR

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
RELG	230	Intro to Biblical Studies	3
BECO	231	Principles of Microeconomics	3

BECO	232	Principles of Macroeconomics	3
CMSC	230	Introduction to Personal Computers	3
CMSC	232	FORTTRAN	3
Or			
CMSC	238	C Language	3
ENGL	232	Advanced Grammar & Composition.	3
MAT	331/332	Analytical Geometry & Calculus III-IV	6
MAT	431	Differential Equation	3
ENG	331	Engineering Graphics	3
		Two Electives	6
		TOTAL HOURS:	37.5

SENIOR YEAR

CHEM	331-332	Organic Chemistry I-II	6
CHEM	311-312	Organic Chemistry I-II Labs	2
CHEM	434-435	Physical Chemistry I-II	6
CHEM	414-415	Physical Chemistry I-II Labs	2
CHEM		Elective-Advance Chemistry Course w/lab	4
		Total	20
		GRAND TOTAL	128

THE DIVISION OF SOCIAL SCIENCE

The Division of Social Science is committed to producing graduates who are able to successfully compete in graduate and professional schools and in a wide range of available occupations, including teaching, research, law enforcement, law, social work, policy planning, civil service, medicine, and international relations. The Division's primary goal is to insure that its graduates are both liberally educated as well as pragmatically trained, empowered citizens capable of living, working and competing in a global, multi-cultural, and technological world. To accomplish this goal, the Division has as its major objective to produce culturally literate students who demonstrate competencies in their major fields, in written and oral communications, in quantitative and computer skills, and students who are analytical. To this end, the Division offers majors in **Social Work, Political Science (Pre-Law), Sociology, Health & Leisure Management, Social Science Education, and Social Science**. In addition, the Division offers minors in each of the areas above and a minor in **History**, as well as minors in two interdisciplinary areas: **Criminal Justice**, and **African American Studies**.

The Division offers a **Study Abroad Program** which allows students to gain a practical international experience by studying in a foreign country. This is an interdisciplinary program, open to students in all majors, designed to engage students in the practical skills of systematic inquiry, relative to the languages and cultures of other nations.

General Requirements

Students pursuing a bachelor's degree (non-teaching) program in any of the major areas are required to complete the general education requirements of the College and the Major program as prescribed by the Division. Students pursuing a bachelor's degree in Social Science Education are required to complete in addition to the general education and major requirement (33 credit hours), professional education courses designed to meet the state teachers' certification requirements. *Please check with the Division of Education for specific requirements.* All other Social Science majors must successfully complete a minimum of 36 hours in the major area, 18 hours of general Social Science courses, (as outlined under Social Science General Requirements), and an approved minor consisting of at least 15 hours. Social Science majors must successfully complete an approved Senior Thesis/Project and pass the divisional Comprehensive Examination in their major area. A minimum grade of "C" must be earned in all major core courses. A student with less than a 3.00 cumulative grade point average must get approval from his/her advisor and the division chair to take over 16 hours in a given semester. All students must **PASS** the English Proficiency Examination before they will be allowed to enroll in Advanced Writing and SOSC 335 -Social Science Research Methods.

Please note that students seeking to major in Social Work must apply and be accepted into the program. See the chair of the Social Work department for details.

Social Science Core Requirements

PLSC	231	American Government
BECO	232	Principles of Macroeconomics
SOWK	330	Social Welfare Problems
SOSC	330	Introduction to Statistics
SOSC	335	Social Science Research Methods
SOCI	331	Social Stratification

SOCIAL SCIENCE COURSE DESCRIPTIONS

SOSC 231 SOCIAL SCIENCE SEMINAR

3 Sem. Hrs.

This course broadly introduces the student to the social sciences (history, political science, geography, economics, sociology, anthropology, and psychology). It emphasizes an interdisciplinary approach to heighten the student's appreciation of the interdependence of the social sciences.

SOSC 330 INTRODUCTION TO STATISTICS

3 Sem. Hrs.

Orientation to the principles and practices of statistical analyses. Computation and graphic presentation of statistics will be emphasized as well as use of the computer in statistical analysis. (Same as BECO 330)

SOSC 335 SOCIAL SCIENCE RESEARCH METHODS

3 Sem. Hrs.

The Research Methods course is designed to expose students to several of the contemporary methods employed in assembling, analyzing and interpreting social data. Individual research assignments and class projects will introduce students to techniques for dealing with specific types of theoretical and research problems. The computer will be used to analyze raw data and, based on random samples, predict how large groups will act. Must pass the English Proficiency Examination. Prerequisite: SOSC 330

SOSC 360 STUDY ABROAD (elective)

6 Sem. Hrs.

A practical international experience of studying the history and culture of a foreign country via traveling and studying abroad.

POLITICAL SCIENCE AND PRE-LAW

The curriculum in Political Science is designed to prepare students for civic participation, law school, graduate study, employment in the private and/or public sectors. Majors in Political Science, are required to complete thirty-six (36) credit hours of course work in Political Science and do a six (6) semester hour internship experience. The Political Science/Pre-Law emphasis requires an additional nine (9) hours (BUAD 330-Business Law, SOCI

330-Criminal Justice, and PLSC 430-Criminal Law). For the minor, a student is required to complete fifteen (15) credit hours in Political Science.

Political Science Core Requirements

PLSC	231	Introduction to American Government
PLSC	232	State & Local Politics
PLSC	233	Comparative Politics
PLSC	234	International Relations
HIST	330	African American History
PLSC	331	Introduction to Public Administration
PLSC	332	Political Behavior and Parties
PLSC	333	Political Theory
PLSC	334	Constitutional Law
PLSC	431	Seminar on Current Issues in Politics
PLSC	433	Black Political Thought and Movement
LSC	434	Urban Government and Administration
PLSC	460	Internship

REQUIRED PROGRAM FOR B.A. DEGREE IN POLITICAL SCIENCE

FRESHMAN YEAR

See Freshman Year Experience for Program Details	35
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SOPHOMORE YEAR

PLSC	231	Introduction to American Government	3
PLSC	232	State & Local Politics	3
SOSC	231	Social Science Seminar	3
ENGL	232	Advanced Grammar and Composition	3
HUMA	233	Humanities Seminar	3
PLSC	233	Comparative Politics	3
HIST	330	African American History	3
AEP	211/212	Academic Enrichment Program	1
CEP	208/209	Oral Book Review	.5
PLSC	234	International Relations	3
CMSC	230	Introduction to Personal Computers	3
RELG		One Course in Religion	3
		TOTAL HOURS:	31.5

JUNIOR YEAR

SOCI	231	Introduction to Sociology	3
PLSC	331	Introduction to Public Administration	3
PLSC	332	Political Behavior and Parties	3
BECO	232	Principles of Macroeconomics	3
PLSC	333	Political Theory	3
PLSC	334	Constitutional Law	3
SOSC	330	Introduction to Statistics	3
SOSC	335	Social Science Research Methods	3

AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		Two Courses in One Foreign Language	6
		One Elective	3
		TOTAL HOURS:	34.5

SENIOR YEAR

PLSC	431	Seminar In Current Issues in Politics	3
PLSC	433	Black Political Thought and Movement	3
PLSC	434	Urban Government and Administration	3
PLSC	360	Internship	6
SOCI	331	Social Stratification	3
SOWK	330	Social Problems	3
		Four Electives	12
		TOTAL HOURS:	33.00
		TOTAL HOURS REQUIRED FOR GRADUATION:	134.00

POLITICAL SCIENCE COURSE DESCRIPTIONS

PLSC 231 INTRODUCTION TO AMERICAN GOVERNMENT

3 Sem. Hrs.

This course will analyze the functions of the three branches of the federal government and focus on how the federal branches of government relate to state/local governments.

PLSC 232 STATE AND LOCAL POLITICS

3 Sem. Hrs.

An examination will be made of the political structures and processes at the state and local level, and their interrelationships with the national government. Prerequisite: PLSC 231

PLSC 233 COMPARATIVE POLITICS

3 Sem. Hrs.

Political institutions in selected countries will be compared. Attention will be devoted to ideology, government structures, and the relationship between political authorities and the people. Focus will be placed on a comparison of the political processes of different political systems. Prerequisite: PLSC 232

PLSC 234 INTERNATIONAL RELATIONS

3 Sem. Hrs.

This course introduces the basic principles of international politics and factors that determine the relationship between leading actors in the international system. Additionally, a comparative structural-functional analysis of the political process of developing and relatively new political systems will be conducted. Prerequisite: PLSC 232

PLSC 331 INTRODUCTION TO PUBLIC ADMINISTRATION

3 Sem. Hrs.

This is a study of the basic principles of public administration, with an analysis of problems of bureaucracy, organization, financial management and public control. Prerequisite: PLSC 234

PLSC 332 POLITICAL BEHAVIOR AND PARTIES 3 Sem. Hrs.

This course studies why and how people behave politically and the influence of political parties and interest groups within the American political system.

Prerequisite: PLSC 234

PLSC 333 POLITICAL THEORY 3 Sem. Hrs.

A comprehensive survey is made in this course of the historical origins and development of western political thought from the Greeks until today.

Prerequisite: PLSC 331

PLSC 334 CONSTITUTIONAL LAW 3 Sem. Hrs.

Selected themes will be examined as they relate to the historical development of the American Constitution and its interpretation by the Supreme Court. Emphasis will be placed on issues of constitutional legitimacy, judicial review, federalism, separation of powers, property rights, civil rights and liberties.

Prerequisite: PLSC 331

PLSC 430 CRIMINAL LAW 3 Sem. Hrs.

This course introduces the student to the social, political and psychological perspectives of criminal law. It offers an analysis of factors necessary to establish proof of a crime and the limits of the law.

Prerequisite: PLSC 334

PLSC 431 SEMINAR ON CURRENT ISSUES IN POLITICS 3 Sem. Hrs.

This seminar is designed to involve students in careful analysis of current political issues. An intensive writing course designed for preparation of the senior paper project. Emphasis on formulation of the problem, review of literature, developing research design, collection of data, analysis and interpretation, revision and defense of the paper. Course will follow an independent study format.

Prerequisite: PLSC 334; SOSC 335 and senior status.

PLSC 432 URBAN GOVERNMENT & ADMINISTRATION 3 Sem. Hrs.

A study will be undertaken of the function and role of urban government; administrative organizations and control; electoral party systems and popular control and of contemporary problems in urban government.

Prerequisite: PLSC 334

PLSC 433 BLACK POLITICAL THOUGHT & MOVEMENT 3 Sem. Hrs.

The course introduces students to the various political movements of African American from the 1700's until today. Students will examine and analyze a variety of movements for social and economic change in the United States.

Prerequisite: PLSC 334

PLSC 460 INTERNSHIP 6 Sem. Hrs.

Internship experience(s) in public administration and politics will be administered through the Internship Program. Prerequisite: Completion of at least eight (8) core courses, a minimum of 2.00 cumulative GPA.

SOCIOLOGY

The Sociology program is designed to prepare students for graduate and professional studies, and private and public employment in a broad range of areas, areas such as Demography, Criminal Justice, Community Development, Counseling, Social Services, and other related fields. Sociology majors are required to complete thirty-three (33) semester credit hours and a six-semester hour internship experience. For a minor in Sociology, a student is required to complete fifteen (15) hours of Sociology courses.

Sociology Core Requirements

SOCI	231	Introduction to Sociology
SOCI	232	Cultural Anthropology
SOCI	233	Sociological Theory
SOCI	234	Social Psychology
SOCI	331	Social Stratification
SOCI	332	The Black Family
SOCI	333	Deviance
SOCI	334	Community Organization Theory
SOCI	431	Seminar in Current Sociological Issues
SOCI	432	Population, Resources and Change
SOCI	434	Sociology of Aging and Aged
SOCI	460	Internship

REQUIRED PROGRAM FOR B.A. DEGREE IN SOCIOLOGY

FRESHMAN YEAR

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

SOCI	231	Introductory Sociology	3
SOCI	232	Cultural Anthropology	3
SOCI	233	Sociological Theory	3
SOCI	234	Social Psychology	3
SOSC	231	Social Science Seminar	3
HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar and Composition	3
ENGL	332	Advanced Writing	3
CMSC	230	Introduction to Personal Computers	3
RELG	230	Introduction to Biblical Studies	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
TOTAL HOURS:			31.50

JUNIOR YEAR

SOCI	330	Introduction to Criminal Justice	3
SOCI	331	Social Stratification	3
SOCI	332	The Black Family	3

SOCI	333	Deviance	3
SOCI	334	Community Organization Theory	3
PLSC	231	American Government	3
BECO	232	Principles of Macroeconomics	3
SOSC	330	Introduction to Statistics	3
SOSC	335	Social Science Research Methods	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		One Elective	3
		Two Courses in One Foreign Language	6
		TOTAL HOURS:	34.50

SENIOR YEAR

SOCI	431	Seminar on Current Sociological Issues	3
SOCI	432	Population, Resources and Change	3
SOCI	434	Sociology of Aging and Aged	3
SOCI	460	Internship in Sociology	6
SOWK	330	Social Welfare Problems	3
		Four Electives	12
		TOTAL HOURS:	30.00

TOTAL HOURS REQUIRED FOR GRADUATION: 131.00

SOCIOLOGY COURSE DESCRIPTIONS

SOCI 231 INTRODUCTION TO SOCIOLOGY 3 Sem. Hrs.

The student is introduced to the scientific study of social life. The course emphasizes the understanding of social structure, interaction, and other collective factors in interpersonal relations.

SOCI 232 CULTURAL ANTHROPOLOGY 3 Sem. Hrs.

The course explores the origin, development, and functioning of cultures. Social structures and social behaviors in various societies around the world are examined. The relationship between culture and personality is analyzed.

SOCI 233 SOCIOLOGICAL THEORY 3 Sem. Hrs.

The theoretical traditions in sociology are over viewed. Selected concepts and theories forming the basis of contemporary sociological theory and research are examined in detail. Prerequisite: SOCI 231 or SOCI 232

SOCI 234 SOCIAL PSYCHOLOGY 3 Sem. Hrs.

The focus is on understanding how human behavior is shaped by the social context. Human behavior is analyzed as a product of social interaction, social perceptions, and conformity to social roles. Prerequisite: SOCI 233

SOCI 330 INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM 3 Sem. Hrs.

A survey course designed to provide a general theoretical understanding of crime problems in the United States. Special attention is given to the criminal

justice system, the source of crime and society's reaction to crime. Prerequisite: SOCI 231.

SOCI 331 SOCIAL STRATIFICATION 3 Sem. Hrs.

The course overviews the conceptual framework used in studying social inequality: class, status, and power. Special attention is given to structured inequalities in economic standing, occupational prestige, educational achievement, and political power. The ascribed characteristics of race, ethnicity, and gender are a central concern. Prerequisite: SOCI 234

SOCI 332 THE BLACK FAMILY 3 Sem. Hrs.

This course examine and critique the American family. However, a critical study of the structure and function of the Black family as a whole, as well as the processes which compose and define it, and its relations with its members and forces external to it is analyzed. Prerequisite: SOSC 231

SOCI 333 DEVIANCE 3 Sem. Hrs.

Sociology principles and insights are applied to concrete areas of social life which are commonly referred to as deviant. Topics include: domestic violence, property crimes, deviant drug use, mental disorders, and sexual deviance. Prerequisite: SOCI 233 and SOCI 331.

SOCI 334 COMMUNITY ORGANIZATION THEORY 3 Sem. Hrs.

The course explores the theoretical basis of the community, and the application of theory to community development. Social techniques of community improvement are surveyed. Prerequisite: SOCI 234, 331 and 332.

SOCI 431 SEMINAR ON CURRENT SOCIOLOGICAL ISSUES 3 Sem. Hrs.

This is a capstone course surveying recent theories and research on sociological issues. A writing intensive course designed for preparation of the senior paper project. Emphasis on formulation of the problem, review of literature, developing research design, collection of data, analysis and interpretation, revision and defense of the paper. Course will follow an independent study format. Prerequisite: SOSC 335, SOCI 334 and senior status.

SOCI 432 POPULATION, RESOURCES, AND CHANGE 3 Sem. Hrs.

The interrelations among population variables (size, composition, change), social systems, and environmental conditions will be explored from an issues or problems approach. The tools of population studies will be introduced and used to examine how demography influences society and mankind's use of the environment. Prerequisite: Twelve hours of sociology, or equivalent social science background, and BECO 232.

SOCI 434 SOCIOLOGY OF AGING AND AGED 3 Sem. Hrs.

The aging process is studied within the framework of sociology. The aged are analyzed as a social category and a minority. Important topics include the aged in relation to income, employment, retirement, social and political participation, religion, and family life. The course examines organizations and services for the aged. Prerequisite: SOCI 231 and 332.

SOCI 460 INTERNSHIP**6 Sem. Hrs.**

The course provides supervised internship with private and governmental agencies and organizations. Seminar papers on the internship experience are required. Prerequisite: At least six courses in Sociology.

SOCIAL WORK

The Social Work Program provides generalist foundation courses designed for entry level social work practice and to prepare students for graduate and professional schools. Students seeking a degree in social work are required to apply for admission to the Social Work field Program. Application for admission is made after completion of Introduction to Social Welfare, Community Volunteerism, Human Behavior I and II. A major in Social Work consists of thirty-three (33) credit hours. Three (3) semester hours of Field Seminar and nine (9) semester hours of Social Work Field Practicum are taken concurrently. For a minor, the student is required to complete fifteen hours in designated social work courses.

The Social Work Program of Rust College received candidacy through Council on Social Work Education (CSWE) in 1997 and anticipates full accreditation in 2001.

Social Work Core Requirements

SOWK	231	Introduction to Social Welfare
SOWK	232	Community-Based Volunteerism in Social Work
SOWK	233	Human Behavior and the Social Environment I
SOWK	234	Human Behavior and the Social Environment II
SOWK	330	Social Welfare Problems
SOWK	331	Generalist Practice I
SOWK	332	Generalist Practice II
SOWK	333	Generalist Practice III
SOWK	430	Field Practicum Seminar
SOWK	431	Current Issues in Social Work
SOWK	433	Social Welfare Policy
SOWK	434	Child Welfare Services
SOWK	490	Social Work Field Practicum

REQUIRED PROGRAM FOR B.A. DEGREE IN SOCIAL WORK**FRESHMAN YEAR**

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

CEP	208/209	Oral Book Review	.50
AEP	211/212	Academic Enrichment	1
SOCI	230	Introduction to Sociology	3
SOWK	231	Introduction to Social Welfare	3
PLSC	231	Introduction to American Government	3

SOSC	231	Social Science Seminar	3
SOWK	232	Community Based Volunteerism in Social Work	3
SOWK	233	Human Behavior and the Social Environment I	3
SOWK	234	Human Behavior and the Social Environment II	3
HUMA	233	Humanities Seminar	3
ENGL	232	Advanced Grammar and Composition	3
ENGL	332	Advanced Writing	3
TOTAL HOURS:			31.50

JUNIOR YEAR

CMSC	230	Introduction to Personal Computers	3
CEP	308/309	Oral Book Review	.5
AEP	311/312	Academic Enrichment	1
SOWK	330	Social Welfare Problems	3
SOSC	330	Introduction to Statistics	3
SOSC	335	Social Science Research Methods	3
SOWK	331	Generalist Practice I	3
SOWK	332	Generalist Practice II	3
SOWK	333	Generalist Practice III	3
BECO	231	Principles of Microeconomics	3
BECO	232	Principles of Macroeconomics	3
Two Courses in One Foreign Language			6
TOTAL HOURS:			34.50

SENIOR YEAR

RELG	230	Introduction to Biblical Studies	3
SOWK	430	Field Practicum Seminar	3
SOCI	434	Sociology of Aging and Aged	3
SOWK	431	Current Issues in Social Work I	3
SOCI	331	Social Stratification	3
SOCI	330	Criminal Justice	3
SOWK	434	Child Welfare Policy	3
SOWK	435	Social Welfare Policy	3
SOWK	490	Social Work Field Practicum	9
One Elective			3
TOTAL HOURS:			36.00

TOTAL HOURS REQUIRED FOR GRADUATION: 137.00

SOCIAL WORK COURSE DESCRIPTIONS

SOWK 231 INTRODUCTION TO SOCIAL WELFARE 3 Sem. Hrs.

A study of the historical and philosophical development of social welfare and the profession of social work. The course explores social welfare as an institution and discipline.

**SOWK 232 COMMUNITY VOLUNTEERISM IN SOCIAL
WORK**

3 Sem. Hrs.

An introduction to social service agencies and the function of social workers in the local community. Students are provided an opportunity to volunteer in an agency as they explore and survey literature regarding social service systems.

**SOWK 233 HUMAN BEHAVIOR & THE SOCIAL
ENVIRON. I**

3 Sem. Hrs.

Theories of human behavior are examined. The study of biological, psychological, social structural, and cultural aspects of human development is pursued. Interactions are investigated with an emphasis on micro systems such as individuals and families. The development of people from conception through early adulthood viewing behavior from a social systems perspective, with consideration given to the influence of diversity and oppression. Prerequisite: BIOL 130

**SOWK 234 HUMAN BEHAVIOR & THE SOCIAL
ENVIRON. II**

3 Sem. Hrs.

The course examines theories of human behavior. The development of people from early adulthood through old age, from a social systems perspective and the influence on behavior based on interactions with families, groups and communities. The course builds on the Human Behavior I using the macro levels of systems theory. Prerequisite: SOWK 233

SOWK 330 SOCIAL WELFARE PROBLEMS

3 Sem. Hrs.

Social conditions affecting the aggregate population within a society is discussed. The initial stages of defining a social problem are explored and steps taken to review social policies adversely effecting the community are considered. The relationship of policies as a cause and potential solution for addressing societal ills is studied.

SOWK 331 GENERALIST PRACTICE I

3 Sem. Hrs.

Social Work practice with micro level systems is taught. The course emphasizes problem solving methods with a generalist perspective utilizing theories, methods and skills in working with individuals, and families. Documentation, assessment, networking, and the development and use of resources are examined. Prerequisite: SOWK 233 & 234

SOWK 332 GENERALIST PRACTICE II

3 Sem. Hrs.

Social Work practice with mezzo level systems is taught. These medium sized systems will include secondary social systems such as reference, peer, and support groups. Approaches for integrating practice with medium systems are included based on the first social work practice course. Generalist social work practice is emphasized with termination in preparation for the third level of systems. Laboratory work includes role playing, simulations and videotaping as an integral part of the course. Prerequisite: SOWK 331

SOWK 333 GENERALIST PRACTICE III

3 Sem. Hrs.

Social work practice with macro level systems is taught. With these large sized systems emphasis is on theories, methods and techniques of practice

in neighborhood organization within the community contexts. Approaches and change strategies such as mobilization, social action, citizen participation, advocacy and service development is taught. Laboratory work includes structured events, simulations, and organizing conferences as part of the course. Prerequisite: SOWK 332

SOWK 335 SOCIAL & HEALTH ISSUES/ELDERLY

(Elective)

3 Sem. Hrs.

An assessment of social, psychological, physical, and economic needs of aging persons; their utilization of services. Emphasis is on understanding psycho social aspects of illness, medical terminology, recording, discharge planning, ethics, team disciplines and community resources.

SOWK 430 FIELD PRACTICUM SEMINAR

3 Sem. Hrs.

This course is taken in conjunction with the field practicum experience (SOWK 490). The course ensures the educational direction of the field experience is directed in relationship to the generalist perspective and entry level for the social work student. Prerequisite: SOWK 490 is taken concurrently with approval of the Social Work faculty.

SOWK 431 CURRENT ISSUES IN SOCIAL WORK I

3 Sem. Hrs.

Critical evaluation of a specific current issue in social work is pursued. A review of literature and community investigation of the topic chosen by the student which will lead to a senior thesis. Student will become incorporated with those in SOWK 430, who will serve as mentors and resource persons in order to discuss relevant and current issues in the social service agencies from which they will come. Prerequisite: SOWK 430.

SOWK 432 RURAL SOCIAL SERVICE DELIVERY

(Elective)

3 Sem. Hrs.

Methods and skills in the delivery of social services to rural populations. Students are taught to develop and implement needs assessment in order to determine culturally sensitive intervention programs. Analysis of programs and policies effecting rural communities is introduced.

SOWK 433 SOCIAL WELFARE POLICY

3 Sem. Hrs.

This course assesses the current social welfare policies related to strategies for change that advances social and economic justice for groups, organizations, and communities. Models for understanding intent, adequacy, effectiveness, costs, and equity are emphasized. Policy implications for practice within culturally diverse contexts are studied. Prerequisite: SOWK 231 & 330

SOWK 434 CHILD WELFARE SERVICES

3 Sem. Hrs.

Students examine social service systems that exist and those that are needed for children who are dependent, neglected, abused, or delinquent. Assessment of parental and societal responsibility in meeting physical, social, psychological, and legal needs of children and examination of the delivery, policies, systems, and services is emphasized. A seminar for the community is developed by the student and presented. Prerequisite: SOWK 333 or by consent of instructor.

SOWK 435 CURRENT ISSUES IN SOCIAL WORK II

(Elective)

3 Sem. Hrs.

Students having completed SOWK 431 with an interest in pursuing additional research on a thesis topic and working toward a paper for a professional presentation or publication are encouraged to elect this course. Additional research efforts may be explored through this course. Prerequisite: SOWK 431 or by consent of instructor.

SOWK 490 SOCIAL WORK FIELD PRACTICUM

9 Sem. Hrs.

This course provides students the opportunity to apply generalist social work practice methods by completing a minimum of 500 supervised hours in a social work agency.

HEALTH AND LEISURE MANAGEMENT

The Health and Leisure Management degree program is designed to develop skills preparatory to leadership and supervisory roles in a variety of leisure service careers to include municipal, outdoor, therapeutic, military, church, youth, commercial and industrial. The curriculum is also designed to meet the needs of students interested in becoming recreational directors and athletic coaches.

Health & Leisure Management Core Requirements

HLMT	221	Managing and Officiating Team Sports
HLMT	224	Individual Sports
HLMT	231	Foundations of Leisure And Management
HLMT	232	Holistic Health
HLMT	233	Leisure Programs Leadership
HLMT	234	First Aid
HLMT	313	Beginning Swimming
HLMT	314	Intermediate Swimming
HLMT	331	Leisure Games
HLMT	332	Organization and Administration of Leisure, Fitness & Sports Programs
HLMT	333	Human Sexuality
HLMT	411-414	Practicum in Health and Leisure Management
HLMT	334	Special Programs in Therapeutic Recreation
HLMT	431	Current Issues in Health & Leisure Management
HLMT	432	Outdoor Recreation
HLMT	433	Program Planning, Development & Evaluation
HLMT	335	Physical Education for Children
HLMT	460	Internship

REQUIRED PROGRAM FOR B.S. DEGREE IN HEALTH AND LEISURE MANAGEMENT

FRESHMAN YEAR

See Freshman Year Experience Program for Details

SOPHOMORE YEAR

SOSC	231	Social Science Seminar	3
CMSC	230	Introduction to Computer	3
HLMT	231	Foundations of Health and Leisure Management	3
HLMT	221	Managing and Officiating Team Sports	2
HLMT	224	Individual Sports	2
HLMT	232	Holistic Health	3
HLMT	233	Leisure Programs Leadership	3
HLMT	234	First Aid	3
PSYC	230	General Psychology	3
ENGL	232	Advanced Grammar and Composition	3
PLSC	231	Introduction to American Government	3
AEP	211/212	Academic Enrichment	1
CEP	208/209	Oral Book Review	.5
TOTAL HOURS:			32.50

JUNIOR YEAR

HLMT	313	Beginning Swimming	1
HLMT	314	Intermediate Swimming	1
HLMT	331	Leisure Games	3
HLMT	332	Organization and Administration of Health Leisure, Fitness and Sports Programs	3
HLMT	333	Human Sexuality	3
HLMT	334	Therapeutic Recreation	3
HUMA	233	Humanities Seminar	3
ENGL	332	Advanced Writing	3
SOSC	330	Introduction to Statistics	3
PSYC	332	Human Growth and Development	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
Two courses in one Foreign Language			6
TOTAL HOURS:			34.5

SENIOR YEAR

RELG	230	Introduction to Biblical Studies	3
BECO	232	Principles of Macroeconomics	3
BIOL	330	Nutrition	3
BIOL	310	Nutrition Lab	1
HLMT	431	Current Issues in Health & Leisure Management	3
HLMT	433	Program Planning, Development and Evaluation	3
HLMT	432	Outdoor Recreation	3

HLMT	460	Internship	6
		Two Electives	6
		TOTAL HOURS:	33.00
		TOTAL HOURS REQUIRED FOR GRADUATION:	133.00

HEALTH & LEISURE MANAGEMENT COURSE DESCRIPTIONS

- HLMT 221 MANAGING AND OFFICIATING TEAM SPORTS** **2 Sem. Hrs.**
This course provides the theory and skills involved in teaching, coaching, and officiating of individual sports such as basketball, tennis and volleyball.
- HLMT 224 INDIVIDUAL SPORTS** **2 Sem Hrs.**
An activity course which includes a study of the following sports activities: basketball, football, soccer, volleyball and softball.
- HLMT 231 FOUNDATIONS OF LEISURE & MANAGEMENT** **3 Sem. Hrs.**
Analysis of the leisure field to provide a basic understanding of leisure as an increasingly important component of our society.
- HLMT 232 HOLISTIC HEALTH** **3 Sem. Hrs.**
This course serve as a basis for the development of desirable personal hygiene habits and for establishing positive attitudes toward current issues in health. Holistic emphasizes that health is affected by every aspect of life; body, emotions, thoughts, attitudes, feelings, and physical surroundings.
- HLMT 233 LEISURE PROGRAMS LEADERSHIP** **3 Sem. Hrs.**
Planning and leadership techniques for conducting organized leisure programs for all age groups. Prerequisite: HLMT 231.
- HLMT 234 FIRST AID** **3 Sem. Hrs.**
This is an intensified course in first aid (Red Cross endorsed). Emphasis is on classroom and laboratory demonstrations in the treatment of injuries and accident prevention.
- HLMT 313 BEGINNING SWIMMING** **1 Sem. Hr.**
Designed to equip individuals with water safety skills and knowledge in order to make them reasonable save while in or around water.
- HLMT 314 INTERMEDIATE SWIMMING** **1 Sem. Hr.**
Designed to increase the skills learned in the beginning swimming class. Prerequisite: HLMT 313
- HLMT 331 LEISURE GAMES** **3 Sem. Hrs.**
This course is designed to provide a study of the concepts in program planning and leadership of leisure activities for all age groups. Prerequisite: HLMT 231 & 233

**HLMT 332 ORGANIZATION AND ADMINISTRATION OF LEISURE,
FITNESS AND SPORTS PROGRAMS 3 Sem. Hrs.**

A study of administrative concepts in personnel organizational and fiscal management in leisure, fitness and sports environments. Prerequisite: HLMT 331

HLMT 333 HUMAN SEXUALITY 3 Sem. Hrs.

Physiological, psychological, sociological, and ethical aspects of sexuality are addressed. Topics include, but are not limited to the human sexual system, sexual response, gender identity and sexuality, sexual behavior and fulfillment, sexual expression, sexual value systems, sexual diseases, and sexual ethics. Prerequisite: HLMT 331

HLMT 334 SPECIAL PROGRAMS IN THERAPEUTIC REC. 3 Sem. Hrs.

Introduction to adapted fitness programs and therapeutic recreation services for special populations with emphasis on modifying programs and activities to meet individual needs. Prerequisite: HLMT 333

HLMT 335 PHYSICAL EDUCATION FOR CHILDREN 3 Sem. Hrs.

This course provides the methods and materials concerned with teaching group games, relays, stunts and rhythmic. Prerequisite: HLMT 234

HLMT 411-414 PRACTICUM 2 Sem. Hrs.

A four module course designed to provide hands-on experience to seniors. Students will manage and develop the program/curriculum for the freshman activity classes. Prerequisite: HLMT 334

**HLMT 431 CURRENT ISSUES IN HEALTH & LEISURE
MANAGEMENT 3 Sem. Hrs.**

An examination of current research as it relates to health and leisure management. Prerequisite: HLMT 334

HLMT 432 OUTDOOR RECREATION 3 Sem. Hrs.

Roles and responsibilities of local, state, and federal governments in providing appropriate locations, facilities, programs and leadership. Prerequisite: HLMT 333

**HLMT 433 PROGRAM PLANNING, DEVELOPMENT AND
EVALUATION 3 Sem. Hrs.**

Techniques and processes in program planning, implementation, development and evaluation in recreational settings. Prerequisite: HLMT 334

HLMT 460 INTERNSHIP 6 Sem. Hrs.

This is a supervised work experience with businesses, industries and service organizations that is related to career objectives. Prerequisite: At least six courses Health and Leisure Management and approval of advisor and division chairperson.

SOCIAL SCIENCE AND SOCIAL SCIENCE EDUCATION

The Social Science Education program is designed for students preparing for teaching careers in the area of social studies. Social Science Education Majors are required to complete 36 semester credit hours in social science courses, successfully complete an approved senior thesis/project and pass the divisional comprehensive examination. Social Science majors are also required to complete all of the divisional Social Science requirements. **The Division of Education provides the advisement for the educational professional courses and other requirements designed to help students meet the state of Mississippi certification requirements.** A student may major in Social Science Non-Teaching by completing all of the Social Science requirements outlined below:

Social Science Education and Non-Teaching Core Requirements

HIST	231/232	History of the United States I & II
HIST	234	Mississippi History
HIST	330	African American History
HIST	332	Survey of African History
HIST	333/334	History of Europe I & II
HIST	431	Current Issues in History
BECO	231	Principles of Microeconomics
PLSC	231	American Government
PLSC	433	Black Political Thought and Movement
SOCI	231	Introduction to Sociology
SOCI	333	The Black Family

SOCIAL SCIENCE Teaching and Non-Teaching

A curriculum designed to prepare students to achieve a synthesis of social science knowledge. To ensure that majors have an understanding of the social, economic, political and historic forces operating in society.

REQUIRED PROGRAM FOR B.A. DEGREE IN SOCIAL SCIENCE

FRESHMAN YEAR

See Freshman Year Experience Program for Details	35
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SOPHOMORE YEAR

HIST	231/232	U.S. History I & II	6
HIST	332	Survey of African History	3
SOSC	231	Social Science Seminar	3
ENGL	232	Advanced Grammar and Composition	3
HUMA	233	Humanities Seminar	3
PLSC	231	American Government	3
BECO	231	Principles of Microeconomics	3
AEP	211/212	Academic Enrichment Program	1

CEP	208/209	Oral Book Review	.5
CMSC	230	Introduction to Personal Computers	3
RELG		One course in Religion	3
		TOTAL HOURS:	31.50

JUNIOR YEAR

SOCI	231	Introduction Sociology	3
HIST	330	African American History	3
HIST	331/332	History of Europe I & II	6
BECO	232	Principles of Macroeconomics	3
SOSC	330	Intro. to Statistics or (Measurement & Evaluation-teaching)	3
SOSC	335	Social Science Research Methods	3
AEP	311/312	Academic Enrichment	1
CEP	308/309	Oral Book Review	.5
		Two Courses in One Foreign Language	6
		One elective (non-teaching only)	3
		TOTAL HOURS:	31.50

SENIOR YEAR

PLSC	431	Seminar in Current Issues in Politics (non-teaching only)	3
PLSC	460	Internship	6
SOCI	331	Black Family	3
SOCI	331	Social Stratification	3
SOWK	330	Social Problems	3
HIST	234	Mississippi History	3
		Four Electives (non-teaching only)	12
		TOTAL HOURS:	33.00
		TOTAL HOURS REQUIRED FOR GRADUATION:	131.00

HISTORY MINOR PROGRAM

A minor in history helps prepare a student for careers in teaching, government, business, journalism, law, and graduate studies. For a minor in history, the student is required to complete 18 hours of course work in history.

History Courses

HIST	231/232	History of The United States I & II
HIST	234	Mississippi History
HIST	330	African American History
HIST	332	Survey of African History
HIST	333/334	History of Europe I and II
SOSC	360	Study Abroad (Elective)

HISTORY COURSE DESCRIPTION

HIST 231 HISTORY OF THE UNITED STATES I **3 Sem. Hrs.**
Analysis of the effects of colonial organization subsequent state governments. First semester ends with interpretations of major problems in American History down to 1865.

HIST 232 HISTORY OF THE UNITED STATES II **3 Sem. Hrs.**
Second Semester defines contemporary issues in perspective of the rise of the American the capitalist economy from 1965 to the present. Prerequisite: HIST 231

HIST 234 MISSISSIPPI HISTORY **3 Sem. Hrs.**
This course analyzes the historical development of the State of Mississippi and its relationship to the development of the South and the growth of the United States.

HIST 330 AFRICAN AMERICAN HISTORY **3 Sem. Hrs.**
An historical survey of the experience of Black People in the United States. Special emphasis is given to both the Black Americans individual and group contributions to the development of American civilization.

HIST 332 SURVEY OF AFRICAN HISTORY **3 Sem. Hrs.**
An examination of the transformation of Sub-Sahara tribal Africa Emphasis under the impact of colonial rule and the movements development for independence will be given to the historical development of several important African nations and their role in today's world.

HIST 333 HISTORY OF EUROPE I **3 Sem. Hrs.**
Emphasis of Paris, St. Petersburg, London, and Berlin in the context of political, economic, intellectual, and social developments from 1600 through 1789.

HIST 334 HISTORY OF EUROPE II **3 Sem. Hrs.**
Revolution and Romanticism: 1789-1914. A study of Europe from the French Revolution to the outbreak of World War I. The rise of romantic nationalism, liberal democracy, industrialism, and imperialism. Prerequisite: HIST 333

SOCIAL SCIENCE INTERDISCIPLINARY MINORS

Criminal Justice Core Requirements

HIST	330	African American History
PSYC	230	General Psychology
PLSC	334	Constitutional Law
PLSC	430	Criminal Law
SOCI	330	Introduction to Criminal Justice
SOCI	333	Deviance

African American Studies Core Requirements

HIST	330	African American History
HIST	332	Survey of African History
ENGL	330	African American Literature
SOCI	332	The Black Family
PLSC	433	Black Political Thought and Movement
MUSI	433	African American Music
SOSC	360	Study Abroad (Elective)

GERONTOLOGY CERTIFICATE COURSES

PSYC	230	General Psychology	3
SOWK	233	Human Behavior and the Social Environment	3
HLMT	334	Special Program in Therapeutic Recreation	3
SOCI	434	Sociology of the Aged and Aging	3
SOWK	335	Social and Health Issues for the Elderly	3
TOTAL HOURS:			15.00

PART THREE

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Mary L. Hicks, (99)..... Administrative Assistant
Robert Holloway*** (99)..... Custodian
Helen Howell, B.S., M.S. (99).....Lab Coordinator
Leroy Hubbard, (95) Custodian
Melissa Hunt, (2000).....Associate Dormitory Counselor
Benita M. Ivy, B.S., (92)..... Secretary/Financial Aid
George Jackson, (2000)Associate Resident Director
Dennis Jeffries, (89).....Security Officer

Freddie Jeffries, B.A., M.L.S., (95) Director, Multi-Media Center
 Nikki Jenkins, (99)..... Secretary
 William T. Johnson, B.A., (96) Ass't Director Cable Operations
 Alice E. Jones, B.S., (79)..... Special Funds Accountant
 Annie Jones, (96)..... Custodian
 Bishop B. Jones, (95) Groundsman
 Elizabeth H. Jones, (79) Secretary
 Gwendolyn S. Jones, B.S., (79) Library Clerk
 Pearly Jones, (2000)..... Secretary
 Synethia Jones, (99) Secretary
 Anitha Keith, B.S., M.S. Director, Talent Search
 Joyce N. Kincaide, B.S., (94)..... Cashier
 Mary E. Kincaide, B.A., (94) Accounts Payable Clerk
 Lakeisha Kinkle, (99) Secretary
 Carolean L. Lee, B.S., (89)..... Secretary
 Enoch Lester, (81) Physical Plant
 Masheeta Lindsey-Hill, A.B., M.R.E., (84) Counselor
 Melvin Luellen (2000)..... Custodian
 Roderick Mabry, (2000) Microcomputer Specialist
 Brenda Mangum, B.B.A., (99)..... Resident Development Consultant
 John Marion, (76)..... Electrician and Plummer
 Bernice Martin, B.S., (99) Admissions Counselor
 Earlean R. Martin, B.S. (85-88)(89)..... Teacher/Child Development Center
 Irene Mayfield, (87) Cook
 Brenda Miller, (99) Technical Services Assistant
 Darlene Mitchell, (99)..... Secretary
 Mildred T. Mitchell, B.S., (81) Secretary
 Harold Moncrief, B.A., (84) Director Transportation/Post Office
 Barbara Moore, B.S., (72)..... Director, Computer Center
 Milton Moore, B.S., (79)..... Janitorial Supervisor
 Josephine Muruako, B.A., M.A, (93)..... Counselor
 Sylvester Oliver Jr., B.A., M.A., Ph.D., (72)..... Computer Technologist
 John Peaches, B.A., M.S. Ed., (80)..... Director, Upward Bound
 Mollie B. Pegues, B.S., (82) Programmer
 Odessia A. Pinson, (84) Cook
 Shannon Ramsey, B.S., (99) Secretary
 Barbara F. Rayford, (66)..... Administrative Secretary
 James T. Rayford, B.S. M.Ed., (77) Counselor
 Bruce Reed, B.B.A., B.S., MCSE, (98)..... Network Administrator
 Robert Reynolds, (97)..... Custodian
 Pamela Ross, (99) Secretary
 Elvis Scott, (88)..... Heating/Air Condition Technician
 Fahmida Shafi, B.S., B.Ed., M.A., (88)..... Academic Skills Specialist
 Marjorie S. Sise, B.S., (89)..... Switchboard Operator/Clerk
 Albert Smith*** (77)..... Custodian
 Statie Smith, (95) Custodian

Earline Snow, (93)Cook/Server
 Betty J. Spight, B.S. (86) Director, Child Development Center
 Stephanie Stone, B.S. (99) Secretary
 Mozell Strong, (84).....Cook/Server
 John Sullivan, (2000)Security Officer
 Gregory Sykes, B.B.A., M.B.A., M.Accy., C.P.A., (99)..... Comptroller
 Archie Taylor, (97) Custodian
 Michael Taylor, (85) Carpenter's Helper
 Naomi T. Taylor, B.S. (73)..... Administrative Secretary
 Willa J. Terry, A.A., B.S., M.S., (72).....Office Manager
 Cynthinia Thompkins, B.A., (94) Student Account Clerk
 Gwendolyn Turner, (98)Assistant Resident Director
 Mattie M. Walker, B.S., M.L.S. (82-98)(99)ReaderServices/Acquisition
 Librarian
 Don Waller, (95)..... Utility Maintenance
 Carolyn D. Neal Walton, B.S. (81)..... Secretary
 Jerald White, (92)..... Broadcast Maintenance Engineer
 Rudy D. Whitelow, (88)..... Vehicle Mechanic
 Artha E. Wilkins*** (91)..... Custodian
 Ransom Williamson, (72)..... Print Shop Coordinator/Book Store Assistant

***Part-Time

RUST COLLEGE
Holly Springs, Mississippi 38635

MEMBERS OF THE FACULTY

- David L. Beckley** **President**
B.A., Rust College; M.Ed., Ph.D., University of Mississippi (1967-69) (1971-87)
(1993)
- Paul C. Lampley***** **Executive Assistant to the President**
B.S., Tougaloo College; M.S., Atlanta University; Ph.D., University of Mississippi
(1971-1979)(1981)
- Marian Young Talley** **Academic Dean**
B.S., Memphis State University; M.A. & Ph.D., Claremont Graduate School
(1988-90) (2000)
- Shelby Adrian Amos***** **Instructor, Computer Science**
B.S., Mississippi State University; M.A., Webster University, (1998)
- Nnamdi Vitalis Anosike ...** **Associate Professor, Sociology/Economics**
B.S., University of Nigeria; M.S., California Polytechnic State University; M.S. &
Ph.D. University of Kentucky (1993)
- El Sayed Arafat** **Professor, Chemistry and**
Chair of Division of Science & Mathematics
B.Sc. Cairo University (Egypt); M.Sc., Cairo University (Egypt); Ph.D., University
of Mississippi, (1983)
- Mian Muhammad Ashraf** **Assistant Professor, Biology**
B.S., University of Punjab; M.S., Agricultural University; Ph.D., University of
Kentucky (1998)
- Gemma D. Beckley** **Professor, Social Work**
B.A., Dillard University; M.S.W., Atlanta University; D.S.W., Columbia University;
(1971-73)(1991)
- Sheela Bhagat** **Associate Professor, Accounting**
B.B.A, University of Mississippi; M.L.S., University of Mississippi; M.A.,
University of Missouri; (1980)
- Norman B. Chapman** **Associate Professor, Music**
B.M., M.M., University of Kansas; M.A., Memphis State University; M.Ed.,
Memphis State University; B.S., Rust College; Ph.D., Case Western Reserve
University, (1974)
- Elizabeth Coe** **Associate Professor, Education**
B.A., West Virginia Wesleyan College, M.A., University of Hawaii, Ed.D.,
University of Memphis, (1997)
- Daniel Duncan Collum** **Instructor, English**
B.L.S., Loyola University; M.F.A., George Mason University, (1999)
- Hortensia Dean** **Instructor, Mass Communication**
B.A., Wiley College, M.L.A., Oklahoma City University; (1996)

- Margaret Delashmit** **Assistant Professor and Chair of Humanities**
B.S., M.A., Memphis State; Ph.D., University of TN, (Knoxville) (1993-94)(1998)
- Daniel Doss***** **Instructor, Computer Science**
B.S., Mississippi Valley State University; M.S., Steven Institute of Technology
(1998)
- Jan E. Duncan** **Director of Student-Support Services**
B.S.; M.Ed.; Ph.D., Jackson State University (1999)
- Timothy Flake** **Assistant Professor, English**
B.A., M.A., University of California at Santa Barbara, (1991-92) (1994)
- Pradeep Ghilmire** **Instructor, Marketing**
B.E., M.A., College of Technology; M.B.A., University of Mississippi, (1997)
- Sharron Goodman-Hill** **Instructor, Mass Communications**
B.S., Mississippi University for Women, M.A., University of Mississippi, (1992)
- John House** **Instructor, Speech/Drama**
A.A., Coahoma Junior College; B.A., Delta State University; M.F.A., Ohio
University (1997)
- Marie Mikael Husni** **Instructor, Mathematics**
B.A., University of Missouri; M.S., University of Mississippi, (1999)
- Zebedee Jones** **Assistant Professor, Music and Choir Director**
B.A., M.A., California State University, Los Angeles, (1990)
- Naser M. Kamleh** **Instructor, Accounting**
B.S., M.B.A., Troy State University (1999)
- Rhonda Kuykindoll** **Assistant Professor, Biology**
B.S., Tennessee State University; Ph.D., Meharry Medical College, (1999)
- Taylor, McGlawn** **Assistant Professor, Social Work**
B.A.E., University of Mississippi, M.S.W., Tulane University, (1993)
- T.E. McKinney** **Professor, Political Science**
B.A., Bowdoin College; A.M. & M.A.L.D., The Fletcher School of Law &
Diplomacy; Ph.D., Fletcher School of Law & Diplomacy (Harvard/Tufts
University), (1979-84); (1990)
- Lillie Spell McNeal** **Assistant Professor, Religion**
B.A., Bethune Cookman College; M.R.E., Gammon Theological Seminary;
(1963-72) (1975)
- Avery K. Mason, Sr.** **Instructor, Health & Leisure Management**
A.A., Utica Junior College; B.S. & M.S. , Alcorn State University (1997)
- Yao F. Modey** **Associate Professor, History**
B.A., University of Cape Coast (Ghana); M.A., Wake Forest University; Ph.D.,
Memphis State University; (1986)
- Josephine Njoku** **Associate Professor, English**
B.A., Wiley College; M.Ed., Prairie View A & M College; M.Ed, University of
Mississippi; Ph.D, Clark-Atlanta University (1970)

- Sylvester W. Oliver, Jr***** **Assistant Professor of Music;
Computer Technologist**
B.A., Rust College; M.A., University of Iowa; Ph.D., University of Memphis,
(1972)
- Marwan Qazzaz** **Assistant Professor, Political Science**
B.A., M.A., Ph.D., Southern Illinois University (1992)
- Zahir Qureshi** **Professor, Biology**
B.Sc., M.Sc., University of Karachi, Ed.D.; University of Maine;c.S (1980)
- Sana J. Sise** **Instructor, Computer Science**
B.S., Rust College; M.B.A. & M. S., Jackson State University; (1986-1998)
(2000)
- Nellie J. Smith** **Professor, Chair, Division of Business**
B.S., Rust College; M.S., Kansas State Teachers' College; Ph.D., University of
North Dakota; (Utah State University); (1970)
- Rodney Stennis** **Instructor, Health and Leisure Management**
B.A., Rust College; M.A., American International College (1979)
- Alfred J. Stovall** **Professor, Chair, Division of Social Science**
B.S., University of Dubuque; M.A. Atlanta University, M.Ed., Tennessee State
University; Ph.D., The Union Graduate School; (1980-87) (1995)
- Martha P. Stovall** **Instructor, Education/Sociology**
B.S., Roosevelt University; M.A., University of Detroit; (1982-87) (1995)
- Norma J. Strickland** **Associate Professor, Chair,
Division of Education**
B.S., LeMoyne-Owen; M.A., Memphis State University; Ph.D., Southern Illinois
University; (1989)
- Chandra Tummalapalli** **Assistant Professor, Chemistry**
B.S., M.S., Osmania University (India); M.S., Vanderbilt University; Ph.D.
University of Memphis, (1999)
- Shareef Virk** **Assistant Professor, Chemistry**
B.Sc. & M.Sc., University of Punjab; M.S., Creighton University; Ph.D.,
University of Nebraska Medical Center; (1988)
- Chiquita Gail W. Walls** **Instructor, History, Director Freshman Year
Experience**
A.A., Mary Holmes Community College; B.A., Misisissippi Valley State
University; M.A. University of Mississippi, (1999)
- Maurice Weatherall** **Band Director**
B.Mus., Baldwin-Wallace College; M.Mus., University of Mississippi (2000)
- Ila Wells** **Professor, Interim Chair, Division of Humanities**
A.B., Lane College; M.A., Tennessee State University; Ph.D., Northern Illinois
University (1985)
- Doris Wilson** **Instructor, Biology**
B.S., M.S., Jackson State University (1998)

Frank Yeong-Maw Yeh **Professor, Chemistry**
 B.S., National Taiwan Normal University; M.S., University of Kentucky; Ph.D.,
 Virginia Commonwealth University; (1983)

***Part-Time

EMERITI AND RETIREES

<u>NAME</u>	<u>YEAR OF EMPLOYMENT</u>	<u>YEAR RETIRED</u>
Mrs. Alice Allen*		
Mrs. Sallie Ashford	1942	1994
Mrs. Carnell Brown	1974	1996
Mr. L. B. Bruce	1952	1994
Mrs. Avery H. Coleman*		
Mr. Kinzell Lawson	1955	1975
Mrs. Naomi K. Nero	1948	1974
Dr. Leora Fairley Marcus	1945-57 and 1969	1974
Mrs. Mattie Mayes	1969	1996
Mrs. Mildred N. McMillan	1967	1993
Dr. W. A. McMillan, Sr.	1964-66 and 1967	1993
Mr. Joseph Njoku	1969	1998
Mr. Felix Osuji	1983	1998
Dr. Earnest A. Smith	1957	1967
Mrs. Milverta G. Smith	1957	1967
Dr. David L. Stratmon, Sr.	1984	1996

*Associate member

EMERITI AND RETIREES DECEASED

<u>NAME</u>	<u>DATE OF DEATH</u>
Mrs. Clara Wood Adams.....	September 25, 1999
Dr. Sabado Benito	
Mrs. Susan F. Brittenum	March 18, 1983
Mrs. Maggie Boxley	November 2, 1999
Miss Martha Couche	March 10, 1996
Mrs. Carlean T. Griffin	March 2, 1982
Mr. Sammie L. Griffin.....	July 23, 1984
Mr. Adolph Harper, Sr.....	October 6, 1992
Mrs. Delma Lawrence	February 24, 1996
Mrs. Alberta M. Lindsey	January 29, 1987
Dr. Merrill W. Lindsey, Sr.....	April 29, 1999
Miss Alice L. Nickerson.....	February 22, 1983
Mrs. Ruby Ross Smith	November 23, 1986
Mrs. Lydia Talbert	May 10, 1991
Miss May Tangen.....	April 17, 1983
Mrs. Emma B. Waters.....	January 27, 1993
Miss Pearl A. M. Wiemers	November 18, 1988

WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES

1997-98

Eula Anderson
Marcus Betts
Kimberly Brown
Cheryl Cannon
Paul Dawa
LaTanya C. Foreman
Lillie Henson
Clifford Hollins
Rachel Kiaarie
LaTanya Lofton
Kathy L. Love
Brandi Moore
Echeta Okeke
DeeShawn D. Peeples
Lamin S.. T. Samateh
Jacqueline R. Salter
Landon Scales
Andretta J. Stiith
Earl Thigpen
Andrienne Wood

1999-2000

Bronwyn D. Allen
Tanya R. Anderson
Cindricka LaJane Arrington
Jamaica A. Baker
Barkese M. Dalton
Clifford A. Hollins
Sheron James
Momodou Keita
Lakesha L. Logan
Shenika E. Neely

1998-99

Eula Anderson
Cheryl Cannon
Jermaine Coburn
Barkese M. Dalton
Amari Dawson
Doreen Hammons
Shereka Harper
Tommiea Jackson
Selena Keys
Dellise E. Kennedy
Wal-Letra Landfair
Governor Mays
Kerrick Nevels
Tracy V. Peeples
Landon Scales
Oran Singleton
Antoya Stovall-Leonard
Farrah Tannehill
Craig Tucker
Bernadette Vinson

Steve Otieno
Sedric O. Scott
Ragan A. Shipp
Rhonda L. Stennis
Calandra Y. Taylor
Kristen D. Turner
Carlton E. Vivians
Edmond Webb
Latrease R. Whitney
Rodney L. Wilson

CANDIDATES FOR DEGREES APRIL 30, 2000

BACHELOR OF ARTS IN ENGLISH

Davis, Patricia Annette
Dawkins, Wanda Louise
Greer-Malone, Errine D.
Keita, Momodou**
Reynolds, Corey

BACHELOR OF ARTS IN MASS COMMUNICATIONS/BROADCAST JOURNALISM

Donald III, Walter T.
Fields, Tiffany Denise
Hill, Jr. Richard
Hoskins, Dectrick E.
Hubbard, Amanda Lynne**
Ross, Christina
Smith, Leslie A.
Spears, Mikael E.
Taylor, Jonathan L.

BACHELOR OF ARTS IN MASS COMMUNICATION/PRINT JOURNALISM

Cole, Nicholas Demond* @
Payne, Natasha Dorelle
Whiteside, Shawn Michael*

BACHELOR OF ARTS IN MASS COMMUNICATION BROADCAST/ PRINT JOURNALISM

Whitley, Latrease Renee** @

BACHELOR OF ARTS IN POLITICAL SCIENCE

Bowden, Christopher Cornell
Claxton, Marcus Lewis
Glover, Melissa Lajoice*
Hammond, Lu'kisha
Jewell II, Isaac Wayne
Lesure, Thelbert L.
Mason, Mark
Taylor, Margaret Marie Campbell
Vivians, Carlton Esco*

BACHELOR OF ARTS IN SOCIOLOGY

Anderson, Tanesha Monique
Anderson, Zaminee Laquie*
Cox, Malcolm Travaughn

Jamison, Fredrick Keith
McCall, Verneeda
Turner, Kirsten D.*@
Windham, Dornise Elleen

BACHELOR OF ARTS IN SOCIAL WORK

Berry, Alvis B.
Dixon, Lola Falona
Everett, Shernell Brown
Foreman, Tameika Rosemary
Green, Phyllis Gibbs**
Jeffries, Brenda F.***
McQueen, Ayana T.
Phipps, W.V. Jr.
Taylor, Calandra Yvette*

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Austin, Alicia Lynn
Bryson, Saucery LaShonta
Clark, Cornelius Cortez
Daniel, Royrick Derrell
Edwards, Linda Dillard*
Frazier, Tshaye La Dawn***@
Gable, Wanda Pettis
Glover, Taura Yolonda
Goodwin, Mary A.**
Harper, III Adolph*
Joiner, Tiffany Latrice
Jones, Celestine Destin
Jones, Keita
Kiarie, Rachel Wanibui***
Logan, Lakesha
Peel, Pamela Quanta
Neely, Shenika Evette*
Shipp, Tequilla Shon'ta
Smith, Jr. Lewis H.
Vinson, Bernadette**
Watson, Renee' A.
Westerfield, Roderick Devon
Wilson, Rodney Lamont*
Winder, Dawn N.
Young, Kay L.

BACHELOR OF SCIENCE IN BIOLOGY

Anderson, Tanya R.***@
Boga, Lakisha
Coleman, Tiffany M.

Cooper, Inonge Sanquantra* @
Cotton, Tranishia Kimmelle
Curry, Candace Renita** @
Davis, Sonora Marie** @
Elliott, Jayme
Foster, Rashaunda Shauntell @
Gibson, Nekima Lashell
Gordon, Twanna Montez** @
Haynes, Mikaela Darice +
Heard, Caroline Latasha @
Henderson, Torri Roshun
McDougal, Donna Alfreda* @
McGee, Tomeka Evette
Sims, Tomikio
Smith, Kelli Janen
Spight, Jeanine M. @
Swims, Talechia N.
Toliver, Karmaletta K.
Washington, Lestine
Washington, Shannon
Wallace, Raneisha Quenshae'
Williams, Chiquita Yvette

BACHELOR OF SCIENCE IN BIOLOGY/GENERAL SCIENCE EDUCATION

Hollins, Clifford Anthony
Nevels, Kerrick Javon*** @

BACHELOR OF SCIENCE IN CHEMISTRY

Stennis, Rhonda L.*** @

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Arrington, Cindricka LaJane** @
Burley, Willie A.
Covington, Jr. Charles Louis
Gatewood, Neffie S.*** @
Johnson, Ms. Kathy Rebecca*
Johnson, Kimberly L.**
Lindsey, Hassan Saleem
White, Josephine L.** @

BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

Evans, Genitra Danyell**
James, Sheron**
Scott, Sedric Ore|* @
Webb, Edmund Shermon** @

BACHELOR OF SCIENCE IN HEALTH & LEISURE MANAGEMENT

Bullock, Jr. Ronnie Tyrone

ASSOCIATE OF SCIENCE IN EARLY CHILDHOOD EDUCATION

Jefferson, Martha

Martin, Betty Jeffries

*** Summa Cum Laude

** Magna Cum Laude

* Cum Laude

@ Alpha Kappa Mu National Honor Society

+ Degree Awarded Posthumously

CANDIDATES FOR DEGREES

APRIL 25, 1999

BACHELOR OF ARTS IN ENGLISH

Cannon, Cheryl Denise**@

Jackson, Tommiea Phinee***@

Taylor, Sharon Burnett*

Thompson, Rashaad

BACHELOR OF ARTS IN ENGLISH/PRE-LAW

Harris, Paula J.*

Hester, Alicia Mae

BACHELOR OF ARTS IN ENGLISH/ JOURNALISM

Landfair, Wal-Letra M.***@

BACHELOR OF ARTS IN MASS COMMUNICATIONS/ BROADCAST JOURNALISM

Cuevas, Faith LaShae Gloria

Ellis, Antonio Edward

Kimbrough, Greg

McClinton, Aaron JeJuan

Mitchell, Dana Celeste

Rupert, Radiah Jah-nette

Tucker, Craig E.***@

BACHELOR OF ARTS IN MASS COMMUNICATIONS/BROADCAST/ PRINT JOURNALISM

Shaw, Donnette Victoria**@

BACHELOR OF ARTS IN MUSIC

Dabbs, Julius Erving***@

Williams, Tangela S.

BACHELOR OF ARTS IN MUSIC MEDIA

Brock, Ebbon

BACHELOR OF ARTS IN POLITICAL SCIENCE

Clark, III Andrew Lim

Dawson, Amari K.***@

Freeman, Leon Cinque*

Harper, Shereka LaShone**

Holcomb, Cortennia Lavonna

BACHELOR OF ARTS IN SOCIOLOGY

Edwards, Otis N.

Franklin, Ronshea Vashon

Gilliam, Stephanie

James, Michael P.

Mays, Governor A.*

Morris, Tylita T.

Morrow, Levi R.*

Smith, Kizzy A.

Tittle, Cassandra

Weathersby, Pattrice Tarmara

Wilson, Tomago Ca'trell*

BACHELOR OF ARTS IN SOCIAL WORK

Bennett, Marquisa R.

Bobo, Earlene Roberson**

Brown, Carolyn D.***

Everett, Delois Marie

Gunn, Michelle Denice

Hoskin, Jennie C.***

Jackson, Carl Ezekiel

Keys, Selena*

Tatum, Angela

Toliver, Georgia Carter**

Wallace, Ayisha

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION/ ACCOUNTING

Gleaton, Denesha Imen

Kennedy, Dellise Ellena***

Kinsey, Jesse Ray

Ramsey, Shannon Delain

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION/ ECONOMICS

Fairley, Gloria J.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION/ MANAGEMENT

Agnew, Sheron A.
Ambrose, Regina Ann*
Berry, Anthony Louis
Burke, Denise Darcel Tuggles
Collins, Carolyn Jeffries
Cooper, David L.**
Cooper, Deborah A.**
Dandridge, Annette Mays
Fondren, Margaret**
Gipson, Marvin
Green, Jr. George E.
Henson, Aaron H.
Jackson, LeRoy L.
Jones, Sharon
Jordan, Stephany White
King, Luster
Leon, Myskeshia Monique
Nash, Sharon Ann
Osborne, Raymond J.
Peeples, Tracy Von*
Petties, Quentin K.L.
Reece, Lori Michelle
Ricks, Eleanor Young*
Rodgers, Andrea Denise
Smith, Derrick
Strickland, Beverly Ann Coleman
Taylor, Rhonda**
Tillman, Edith Riley*
Townsend, Nyanthia Sherrical Lloyd
Valentine, Elaine**
White, Marcus D.*

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION/ MARKETING/ACCOUNTING

Maxwell, Jr. Leroy

BACHELOR OF SCIENCE IN BIOLOGY

Abernathy, Kimberly LaKeisha*
Brown, Kimberly Rochelle***@
Brown, Kowania Danica**
Davis, LaMesha Michelle*@
Hammond, Doreen
Ladipo, Marian Omoronike*@
Leverette, Monica

Little, Brandie L.*
Lesure, LaShonda R. McDonald*
Omwancha, Josephat Nyamao***
Spight, LaTonya
Stancil, Will
Turner, Martha Ann*
Young, Mark Aaron

BACHELOR OF SCIENCE IN CHEMISTRY

Ouko, Herbert O.**
Scott, Danita Vanginette***
Sims, Canesha Rashae*
Stovall-Leonard, Antoya**@
Willis, Robbi La'Tise*

BACHELOR OF SCIENCE IN BIOLOGY & CHEMISTRY

Moore, Brandi LaPfeiffer**@

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Butler, Malcolm
Clayborn, Keena LaQuel Hoggs
Coburn, Jermaine, LeVar**@
Cole, Malcolm Germaine
Daniel, Roshanda Rochelle
DeHughes, Keshia Ann
Edwards, Cheryl Tonnott
Edwards, Kevin Ishmell
Griffin, Tessa Marie*
Jones, Bridget Shonta**@
Moore, Monica Lachelle*
Nickerson, LaKenya*
Okeke, Echeta E.***
Otieno, Dennis**
Pearson, Pamela Denise**
Stovall, Abayomi Ja-Ja
Thomas, Torian Deshon

BACHELOR OF SCIENCE IN COMPUTER SCIENCE/BUSINESS ADMINISTRATION

Odongo, Beatrice A.
Walker, Schmeka L.**

BACHELOR OF SCIENCE IN MATHEMATICS

Pryor, Tracey Raquelle*

BACHELOR OF SCIENCE IN ENGLISH EDUCATION

Tannehill, Farrah Lanene**

**BACHELOR OF SCIENCE IN MATHEMATICS/MATHEMATICS
EDUCATION**

Anderson, Eula Alicia**

**BACHELOR OF SCIENCE IN POLITICAL SCIENCE/SOCIAL SCIENCE
EDUCATION**

Scales, Landon D.**@

**BACHELOR OF SCIENCE IN SOCIAL SCIENCE/ELEMENTARY
EDUCATION**

Singleton, Oran V.*

BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

McKinney, Sandra Lynn**

BACHELOR OF SCIENCE IN HEALTH & PHYSICAL EDUCATION

Bailey, Jeannice

Copeland, Justin G.

Harris, LaKenya Depre

Hurd, Tyrone

Kirk, Ivana B.*

Long, Angalek Aaronett

Nelson, LaCretia

BACHELOR OF SCIENCE IN HEALTH & LEISURE MANAGEMENT

Hilson, Laqueta Michelle

ASSOCIATE OF SCIENCE IN EARLY CHILDHOOD EDUCATION

Gross, Lillian F.

Hicks, Sarah Elaine

Malone, Mildred

Royston, Emma Elliott

*** Summa Cum Laude

** Magna Cum Laude

* Cum Laude

@ Alpha Kappa Mu National Honor Society

CANDIDATES FOR DEGREE

April 26, 1998

BACHELOR OF ARTS IN ENGLISH

Billy, Chevella Monique
Clark, Toya L.
Esters, Lorenzo Lamar ***@
Jackson, Anitra Nicole
Muse, Teconna Eddy**@
Stith, Andretta**
Strange, Tiffany F.***

BACHELOR OF ARTS IN MASS COMMUNICATION/BROADCAST JOURNALISM

Burgess, Bennett I.
Calvin, Marshonn Savalas
Davidson, Gerald LeRoyce
Faulkner, Michele**
Henley III, Elbert Vernell
Lucas II, Don M.**
Lynch, LaFran Rocha*
King, Sherri Ridgeway
Paige, Antovi M.**@
Payne, Candace A.
Rux, Samuel Hancock
Spearman-Jones, Chaeleace
Thigpen Jr., Earl J.**@
Wood, Adrienne L.*@
Woods, Tamela LaDrett*@

BACHELOR OF ARTS IN POLITICAL SCIENCE

Amous, Natasha Danielle**
Bynum, Khristia Duree*
Coleman, Tamara Yvonne**@
Cooper, Equana W.**
Harris, Lori Lynn***@
Love, Kathy Lynn***@
Peoples, DeeShawn*
Riggs, Hope
Slappy, Zetter J.**
Wash, Nzinga Akilha
Williams, Rosharwin LeMoyné***@
Young, Kesha D.

BACHELOR OF ARTS IN SOCIAL WORK

Allen, Marvell
Allen, Michelle Louise

Anderson, Vernon E.**@
Foreman, Latanya Catrice*@
Hentz, Jeanette J.**
Highshaw, Shytanya Fenise
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*** Summa Cum Laude

** Magna Cum Laude

* Cum Laude

@ Alpha Kappa Mu National Honor Society

INDEX

Admission Requirements	20
Applied Music	22
Abbreviations	66
Academic Dean's Scholarship	44
Area of Student Affair	41
Automobiles	52
Biology	128
Board of Trustees	187
Brown Mass Communication Center	18
Business Administration	78
Business Education	85
Campus Life	53
Campus News Briefs	59
Career Counseling and Placement	56
CEEB	28
Chemistry	136
Civil Rights Act of 1964	4
Class Attendance and Absences	32
Class Organizations	54
Classification of Students	31
CLEP	28
Clock Hours	62
College Band	57
College Calendar	9
College Choir	57
College Work-Study	51
Computer Science	142
Counseling	56
Course Load	26
Credit by Examination	27
Credit Hours	67
Cultural Activities	53
Cum Laude	28
Dean's List	28
Deferred Credits	22
Directory of Correspondence	4
Disciplinary Action	29
Discounts	37
Dismissal	29
Division of Business	73
Division of Education	86
Division of Humanities	103
Division of Science and Mathematics	127
Division of Social Sciences	167

E.L. Rust	17
Early Childhood Education	95
Economics	79
Elementary Education	98
English	103
Examinations	34
Exemption	29
Fees	36
Financial Aid	43
Financial Assistance	41
Foreign Language	116
French	116
Freshman Exemption	29
Freshman Orientation	21
Freshman Year Experience	69
German	116
Gerontology	186
Good Standing	32
Government	54
Grading System	32
Graduate Record Examination	34
Graduate Requirements	26
Grants	45
Guaranteed Student Loan	41
Historical Background	13
Honor Roll	28
Honor Track	45
Honorable Mention	28
Honors Programs	44
IDE	69
Independent Study	33
Instrumental Music	119
Internship	61
Intramural Athletics	53
Journalism	115
Key to Course Numbers	66
Late Registration	36
Leontyne Price Library	57
Loans	51
Magna cum laude	28
Major and Minor Areas of Study	65
Management	80
Marketing	82
Mass Communication	110
McCoy Building	17
Medical Technology	155

Membership	2
Mission Statement	12
Music	118
Oakview Mansion	17
Part-time Students	36
PELL Grant	43
Perkins Loan	43
Philosophy and Purpose	12
Philosophy and Religion	125
Physics	150
Placement	61
President's Cabinet	190
President's Executive Council	189
President's Home	17
President's of Rust College	15
Probation	29
Radio/TV Station	58
Refunds	38
Religion and Philosophy	125
Religious Life	53
Residence Hall	53
Retirees	197
Rustorian	58
SAT Scores	22
Schedule of Expenses	36
Scholarships	44
Secondary Education	65
Sentinel	58
SGA	58
Shaw Cafeteria	17
Shaw Hall	17
Significant Dates	14
Social Work	175
Sociology	172
Spanish	116
Support Services	55
Speech and Drama	123
Sports	54
Standardized Tests	55
Student Activities	54
Student Affairs	41
Student Appeal	35
Student Health Services	52
Student Organizations	54
Student Publications	58
Summa cum laude	28

Summer School 20

Testing Services..... 54

Transfer Credits 23

Trustees 187

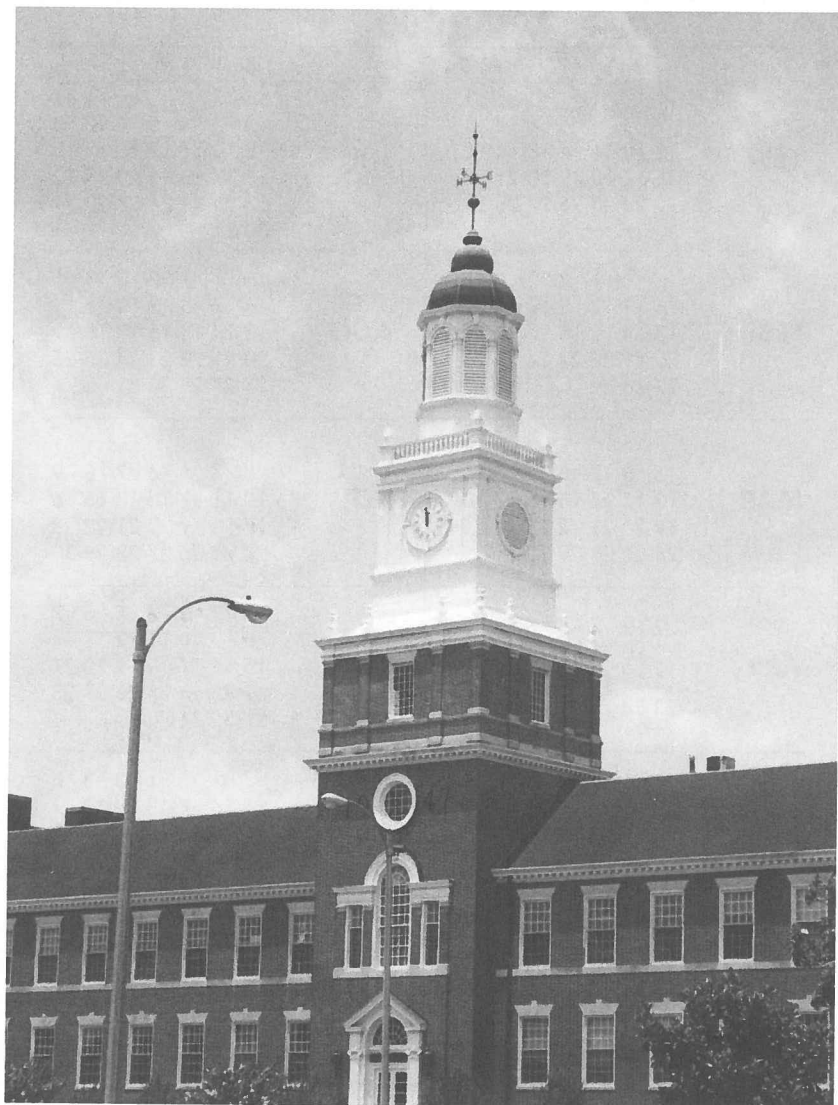
United Methodist Scholarship..... 45

Veterans 24

Vocal Music..... 118

Who's Who 199

Withdrawal..... 38



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Dr. Marian Y. Talley, **Academic Dean**
Dr. Paul C. Lampley, **Executive Assistant to the President**

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S M T W T F S								S M T W T F S									
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	18	19	20	21	22	23	24		17	18	19	20	21	22	23		
	25	26	27	28	29	30			24	25	26	27	28	29	30		
									31								

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General Catalog 2000-2004