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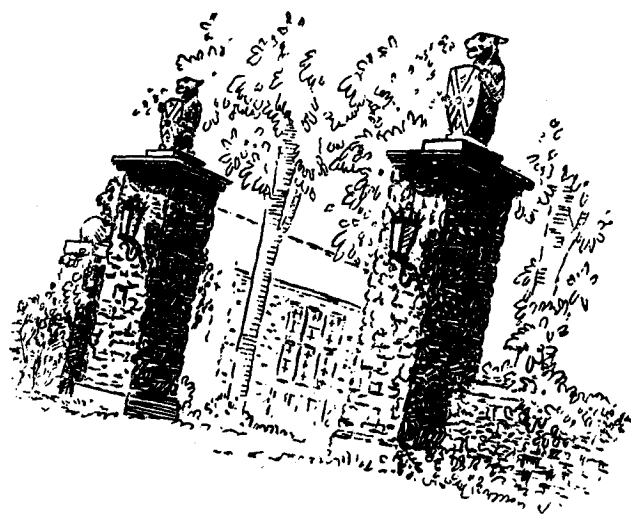
Catalogue of the College 1960

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THE BULLETIN OF
SOUTHWESTERN
AT MEMPHIS

A COLLEGE OF LIBERAL ARTS AND SCIENCES

FOUNDED IN 1848



APRIL, 1960

CATALOGUE NUMBER

VOL. 47, NO. 2

SOUTHWESTERN AT MEMPHIS is a fully accredited four-year college of liberal arts and sciences. It is a member of the Southern Association of Colleges and Secondary Schools, the official accrediting agency for the Southern States.

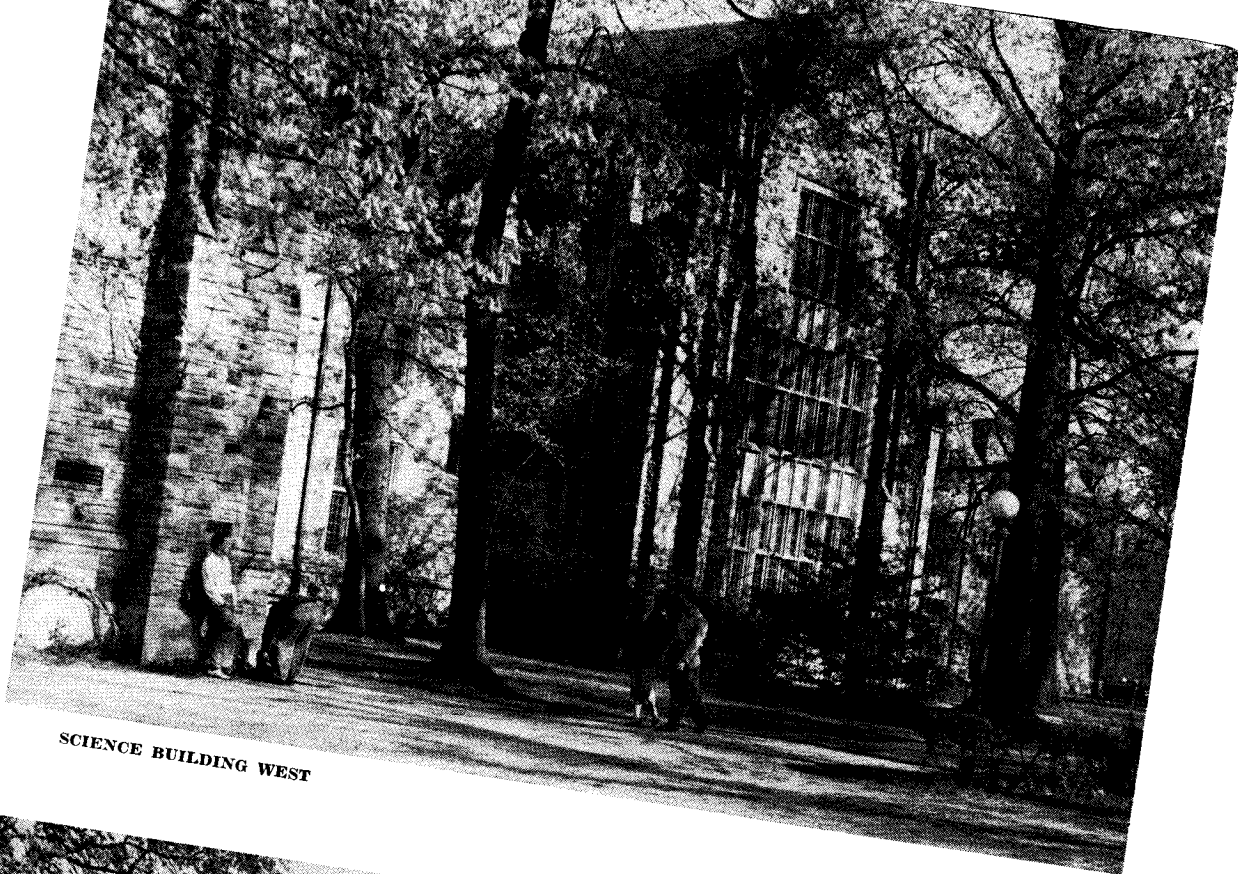
SOUTHWESTERN is a member also of the Association of American Colleges, the American Council on Education, the Association of Urban Universities, the College Entrance Examination Board, the Southern University Conference, the Presbyterian Educational Association of the South, and the Tennessee College Association.

The Music Department of SOUTHWESTERN is accredited by the Department of Education of the State of Tennessee and has full membership in the National Association of Schools of Music.

SOUTHWESTERN is a corporate member of the American Association of University Women and is one of the institutions coöperating in support of the American School of Classical Studies at Athens.

Attendance at SOUTHWESTERN AT MEMPHIS, a privately endowed college, is a privilege which may be forfeited at any time by any student who refuses or fails to conform to the regulations and standards of the college, or who is unwilling to adjust himself to the college traditions and environment. Among these traditions is the Honor System, administered by students, which is described elsewhere in the catalogue.

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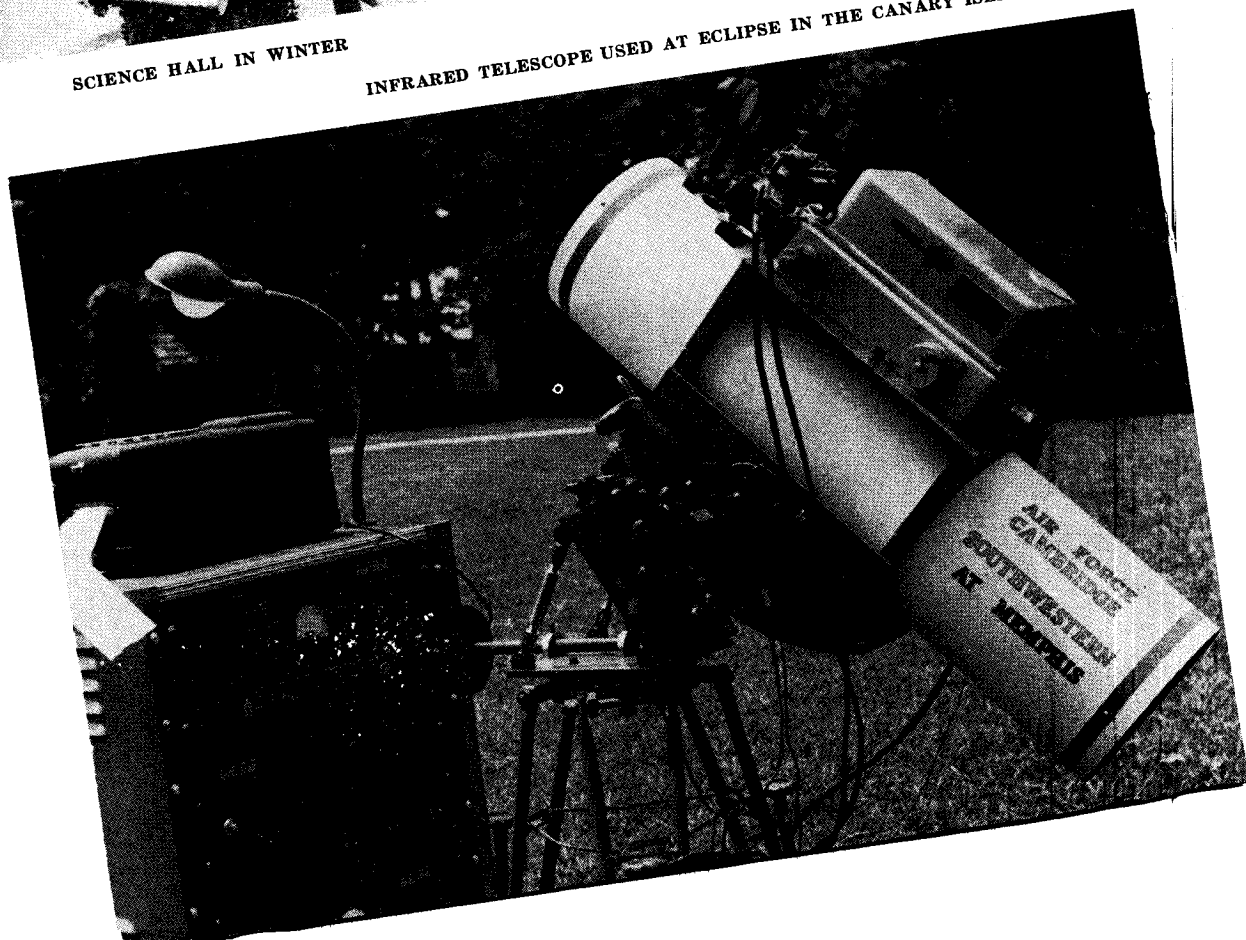


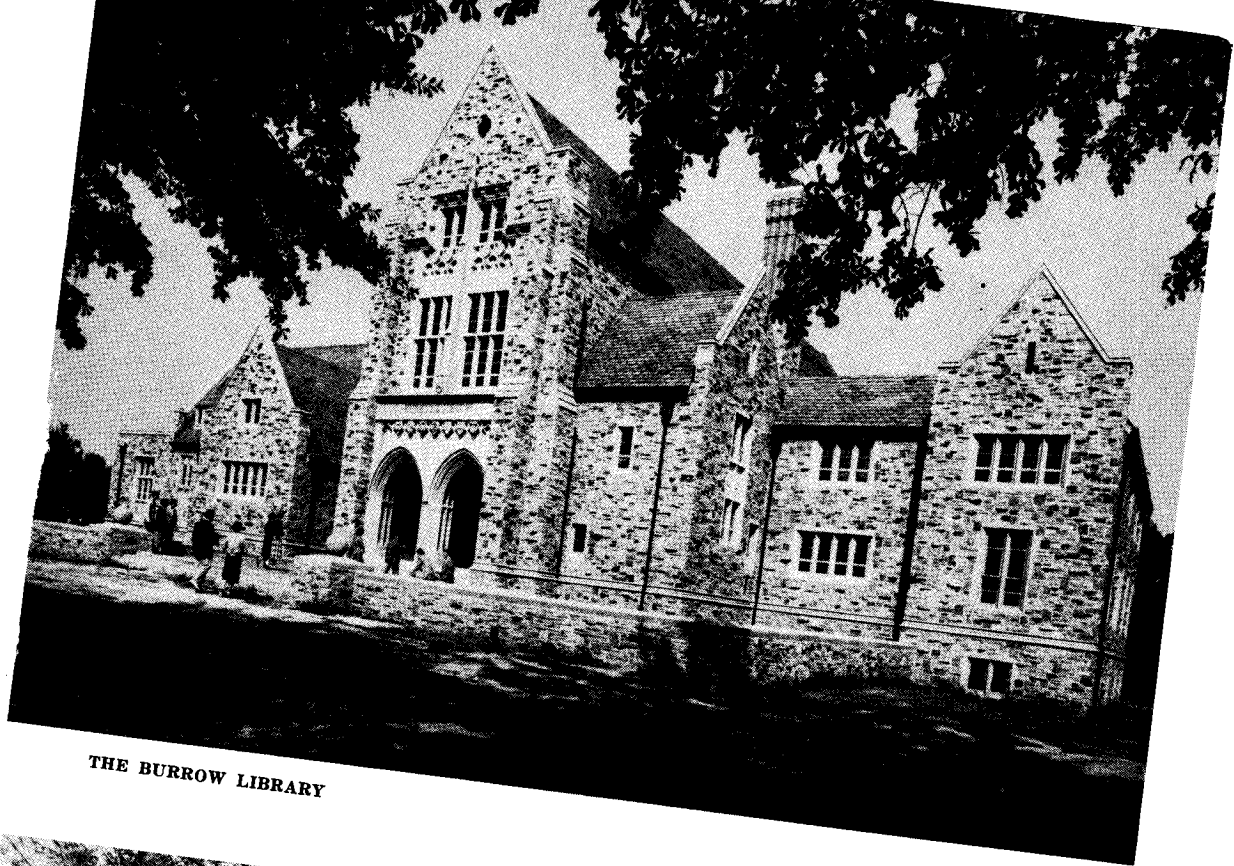
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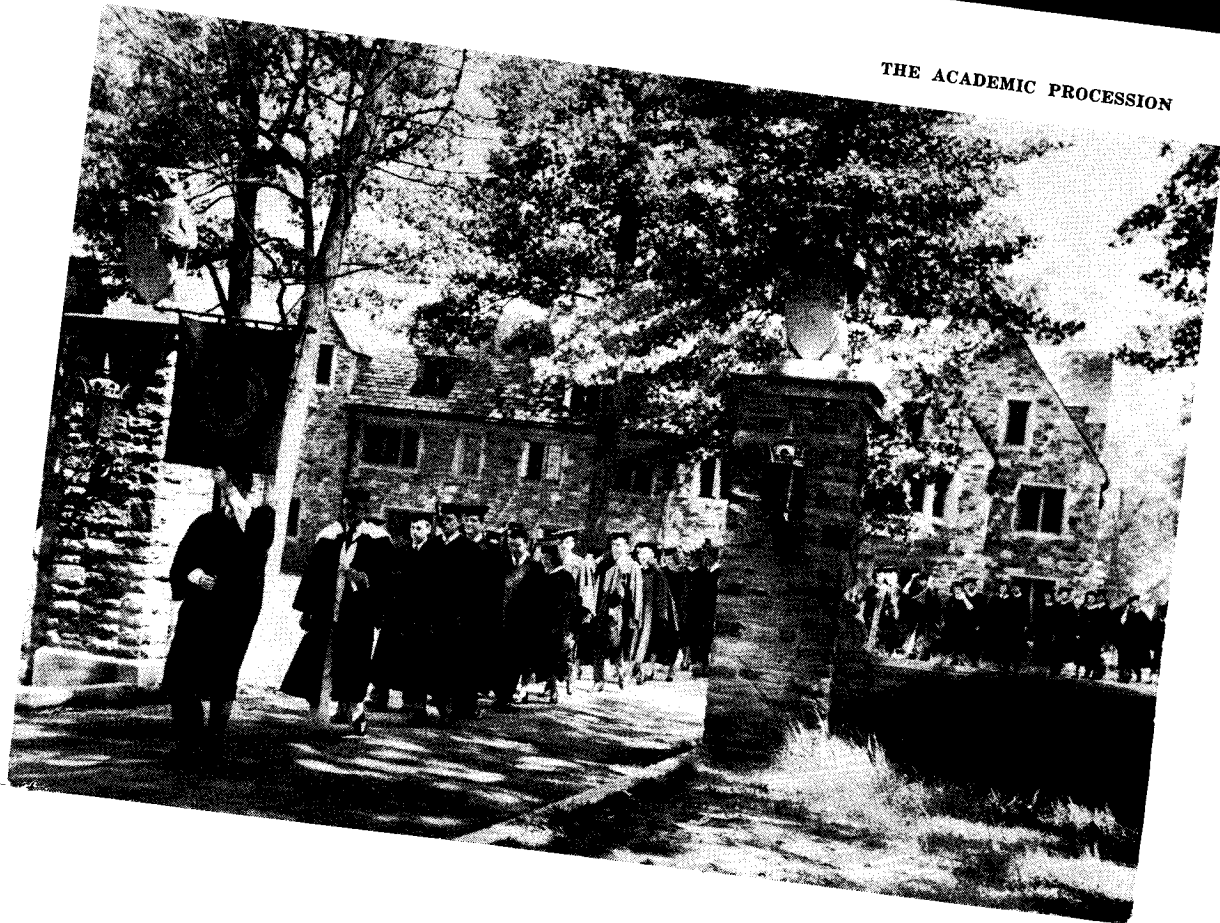
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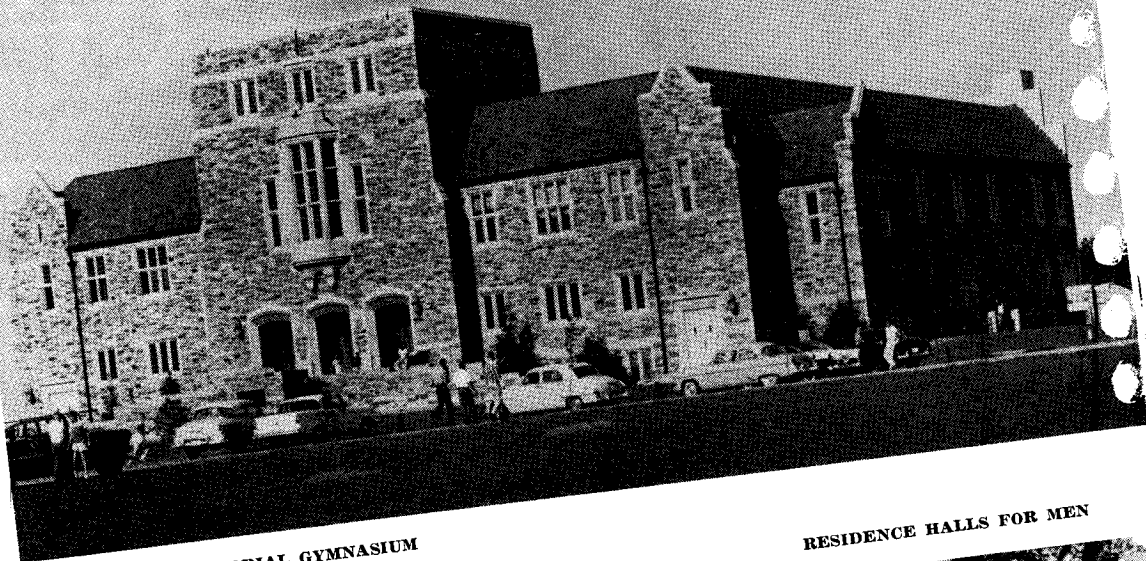




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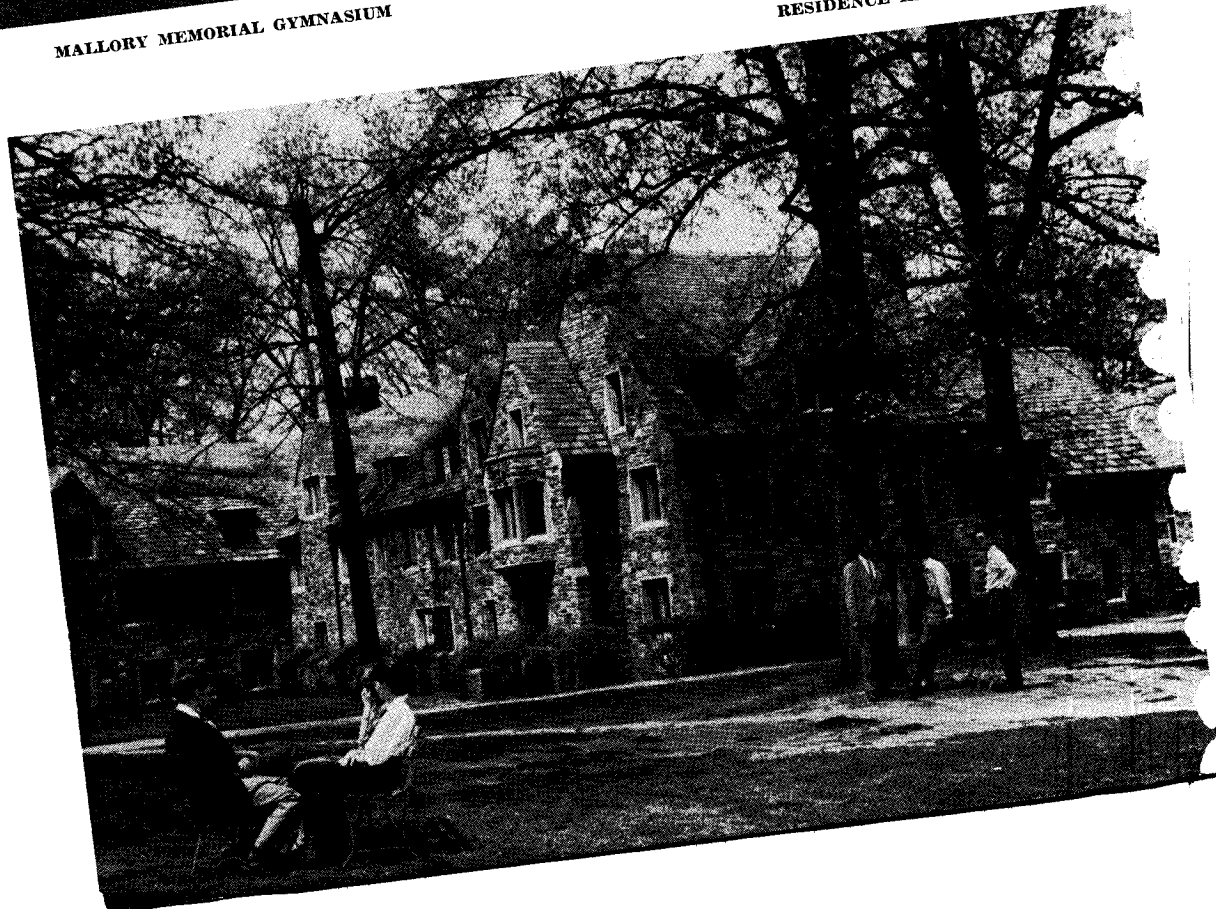


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1960

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CONVOGATIONS

ROBERT G. PATTERSON.....*Chaplain*

JOHN H. DAVIS.....*Marshal*

JOE O. EMBRY.....*Marshal*

JACK U. RUSSELL.....*Marshal*

ADULT EDUCATION CENTER

GRANVILLE D. DAVIS.....*Executive Director*

LAURENCE F. KINNEY.....*Director of Academic Relations*

ALFRED O. CANON.....*Dean of Alumni*

MAY MAURY HARDING.....*Director of Programs*

RAYMOND S. HILL.....*Coördinator of Mass Media*

MRS. ROBERT E. SHRODER.....*Secretary*

HOWARD C. WILL, JR.....*The Great Books Foundation*

VOCATIONAL GUIDANCE CENTER

FREDERICK D. PULTZ.....*Director*

MRS. CORNELIA M. SABINE.....*Counselor*

MRS. W. M. CONE.....*Director, Christian Service Projects*

MRS. BERNARD FRISCH.....*Secretary*

SOUTHWESTERN RESEARCH INSTITUTE

RAYMOND T. VAUGHN.....*Acting Director*
 ROBERT L. AMY.....*Biology*
 HAROLD LYONS.....*Chemistry*
 JOE J. FREYMUTH.....*Physics*
 HELMUTH M. GLOW.....*Chemistry*
 ERNEST HUFF GREENE.....*Mathematics*
 MARION L. MACQUEEN.....*Mathematics*
 M. FOSTER MOOSE.....*Chemistry*
 JACK U. RUSSELL.....*Mathematics*
 LELAND L. SCOTT.....*Mathematics*
 JACK H. TAYLOR.....*Physics*
 GARDNER P. RUFFIN.....*Technical Associate*

INTERNATIONAL LANGUAGE CENTER

JOE O. EMBRY.....*Director*
 SIMONE HANDSCHIN.....*Assistant to the Director*

COMMITTEES OF THE FACULTY

(The President is *ex officio* a member of all committees)

ADMINISTRATION: The Dean, *Chairman*; M. L. MacQueen, *Secretary*;
Dean of Men, Dean of Women, Registrar, J. R. Benish, L. F.
Kinney, W. T. Reveley, D. D. Rhodes, V. H. Taylor.

ADMISSIONS AND STUDENT AID: W. T. Reveley, *Chairman*; R. C.
Hon, *Associate Chairman*; Registrar, *Secretary*; Dean of Men,
Dean of Women, Admissions Counselor, Comptroller.

CLASSIFICATION: J. R. Benish, *Chairman*; Registrar, *Secretary*; E. H.
Anderson, J. R. Conrad, H. M. Gilow, E. H. Greene, J. M. Hemphill,
M. F. Moose, R. G. Patterson, J. U. Russell, P. D. Scrivner.

CONVOCATIONS AND RELIGIOUS LIFE: R. G. Patterson, *Chairman*;
W. J. Gravesmill, *Secretary*; D. M. Amacker, J. H. Davis, J. O.
Embry, L. F. Kinney, W. T. Reveley, D. D. Rhodes, and four
student representatives, including the President of the Student Body.

CURRICULUM AND INSTRUCTION: L. F. Kinney, *Chairman*; J. H. Davis,
Secretary; C. P. Bigger, L. W. Frey, R. C. Hon, A. T. Johnson, J. M.
Jones, M. L. MacQueen, F. W. Neal, E. L. Queener, D. R. Ross,
J. U. Russell, R. T. Vaughn, J. E. Wenger.

DEVELOPMENT AND PLANNING: A. O. Canon, *Chairman*; R. L. Amy,
Secretary; J. M. Jones, D. D. Rhodes, R. P. Richardson, L. L. Scott,
J. H. Taylor, V. H. Taylor, and two members of the student body
elected by the Student Council.

FINE ARTS: J. H. Davis, *Chairman*; R. S. Hill, *Secretary*; C. P. Bigger,
J. R. Conrad, J. J. Freymuth, H. Madden, L. Robinson, J. E.
Wenger, F. M. Wright.

HONORS AND TUTORIAL COURSES: A. T. Johnson, *Chairman*; C. L.
Baker, *Secretary*; D. M. Amacker, J. R. Benish, J. H. Davis, J. O.
Embry, E. W. Goessling, L. F. Kinney, J. E. Roper, L. L. Scott.

LIBRARY: J. E. Wenger, *Chairman*; Librarian, *Secretary*; R. L. Amy,
J. H. Davis, A. T. Johnson, R. E. Link, T. M. Lowry, M. L. Mac-
Queen, R. J. Pritchard, L. Robinson

PHYSICAL EDUCATION AND ATHLETICS: C. I. Diehl, *Chairman*; G. D.
Southard, *Secretary*; Comptroller, D. Barton, W. R. Maybry, W. T.
Reveley, D. D. Rhodes, M. Richardson, J. H. Taylor, J. Q. Wolf,
and the Student Commissioner of Athletics.

RESEARCH AND CREATIVE ACTIVITY: M. L. MacQueen, *Chairman* and
Secretary; J. M. Hemphill, A. T. Johnson, J. M. Jones, H. Lyons,
A. I. Smith, G. D. Southard, J. H. Taylor

STUDENT WELFARE: D. D. Rhodes, *Chairman*; Dean of Men, *Secre-
tary*; Dean of Women, L. N. Amis, J. M. Jones, J. R. McQuiston,
F. D. Pultz, W. T. Reveley, P. D. Scrivner, and four student repre-
sentatives.

CORPORATION

Legal Title—SOUTHWESTERN AT MEMPHIS

SIDNEY W. FARNSWORTH	<i>Chairman</i>
W. J. MILLARD	<i>First Vice Chairman</i>
JOHN M. McMILLAN	<i>Second Vice Chairman</i>
WALKER L. WELLFORD, JR.	<i>Secretary</i>
A. K. BURROW	<i>Treasurer</i>
ERMA REESE	<i>Assistant Secretary</i>

BOARD OF DIRECTORS

The President of the College, *ex officio*

SYNOD OF ALABAMA

JAMES A. MINTER, JR., B.A., 1960	Tyler, Ala. Merchant and Planter
EDWARD V. RAMAGE, D.D., 1961	Birmingham, Ala. Pastor, First Presbyterian Church
JOHN M. McMILLAN, 1962	Stockton, Ala. Timber Interests
A. K. BURROW, 1963	Memphis, Tenn.
MRS. KENNETH MCKELLAR HARPER, A.B., 1963	Selma, Ala. Executive Board, Women of the Church, First Presbyterian Church

SYNOD OF LOUISIANA

WILLIAM A. BENFIELD, JR., D.D., 1960	Shreveport, La. Pastor, First Presbyterian Church
CARLOS G. SPAHT, LL.B., 1961	Baton Rouge, La. Attorney
ALDEN T. SHOTWELL, 1962	Monroe, La. Attorney
WALKER L. WELLFORD, JR., B.S., 1963	Memphis, Tenn. Chairman of the Board, J. E. Dilworth Company
MRS. MORGAN L. SHAW, 1963	New Orleans, La.

SYNOD OF MISSISSIPPI

ROBERT G. GILLESPIE, 1960	Jackson, Miss. Associate Justice, Supreme Court of Mississippi
ORRICK METCALFE, B.A., 1961	Natchez, Miss. President, Britton & Koontz National Bank
MURPHEY C. WILDS, B.A., B.D., 1962	Oxford, Miss. Pastor, First Presbyterian Church
W. J. MILLARD, D.D., 1963	Memphis, Tenn.
MRS. W. EVERARDE JONES, 1963	Tchula, Miss. Member of the General Council, Presbyterian Church in the United States

SYNOD OF TENNESSEE

- A. V. PRITCHARTT, 1960 Memphis, Tenn.
 General Agent, The Connecticut Mutual Life Insurance Company
- W. S. BEASLEY, 1961 Columbia, Tenn.
 President, Columbia Produce Company
- MORTON B. HOWELL, JR., B.A., LL.B., 1962 . . . Nashville, Tenn.
 Attorney
- SIDNEY W. FARNSWORTH, A.B., 1963 Memphis, Tenn.
 Real Estate
- MRS. JOHN T. MCCALL, B.A., 1963 Nashville, Tenn.
 Member of the National Board, United Church Women

EXECUTIVE COMMITTEE

(All members are residents of Memphis, Tennessee)

A. V. PRITCHARTT, *Chairman*

W. J. MILLARD, *Vice Chairman*

WALKER L. WELLFORD, JR., *Secretary*

- VANCE J. ALEXANDER, *Chairman of the Board*,
 Union Planters National Bank
- J. BAYARD BOYLE, *President*, Boyle Investment Company
- L. PALMER BROWN III, L. P. Brown Company
- S. TOOF BROWN, *President*, S. C. Toof & Company
- A. K. BURROW
- SIDNEY W. FARNSWORTH
- HERBERT HUMPHREYS, *Chairman of the Board*, The HumKo Company
- PEYTON N. RHODES
- NORFLEET TURNER, *Chairman of the Board*, First National Bank
- R. DON WARREN, *Chairman of the Board*, Stratton-Warren Hardware
 Company
- ALVIN WUNDERLICH, JR., *President*, National Burial Insurance
 Company

INVESTMENT COMMITTEE

(All members are residents of Memphis, Tennessee)

- VANCE J. ALEXANDER, *Chairman*
- TROY BEATTY, *Senior Vice President and Trust Officer*,
 First National Bank
- SNOWDEN BOYLE, *Chairman of the Board*, Boyle Investment Company
- A. K. BURROW
- SIDNEY W. FARNSWORTH
- A. V. PRITCHARTT
- PEYTON N. RHODES
- JAMES L. ROSS, *President*, National Bank of Commerce
- MAURY WADE, *Investment Counselor*
- C. L. SPRINGFIELD, *Secretary*

OBJECTIVES AND HISTORY OF SOUTHWESTERN

A CHRISTIAN COLLEGE

SOUTHWESTERN was founded for the purpose of fostering Christian higher education, and for over a hundred years has been identified with the Presbyterian Church. It was first to incorporate in its regular course the systematic study of the English Bible as an indispensable part of a liberal education. The position of **SOUTHWESTERN** upon the fundamental matter of the relation of religion to education is founded upon these convictions; that God is the ultimate Reality in the universe, and that life can not be truly understood apart from Him; that the development of a society of individuals dominated by the Christian spirit is the only purpose worthy of the highest loyalty of man or capable of motivating the best type of manhood or womanhood; and that Christianity is the only force of sufficient moral strength to create the highest educational ideals and to inspire the attempt to reach them. In view of these deep convictions, **SOUTHWESTERN** has set as its primary objective the graduating of students who not only exhibit well-rounded personalities and alert and well disciplined minds, but who also live in accordance with the ideals of Christianity.

One of the distinctive characteristics of **SOUTHWESTERN**, therefore, has always been the prominence given to religion. Every candidate for a degree is required to pursue a course of study of the Bible during his freshman year, and again during his senior year. The courses in religion at **SOUTHWESTERN** are not sectarian, but they are definitely Christian, and they fully meet sound collegiate standards. Members of various denominations and creeds find here a friendly and congenial atmosphere. The faculty is composed of men and women who are concerned with the moral and spiritual, as well as the intellectual, well-being of the students.

A LIBERAL ARTS COLLEGE

American higher education, following to a considerable extent the concepts established by Oxford and Cambridge, has been founded upon the liberal tradition, which is fundamental to a civilization of free men. From the Hebrew-Christian tradition has come the root principle of democracy, the dignity and worth of the human individual. But the individual can realize his highest capabilities only through the discipline of sound learning, a discipline which leads to self-discipline, a learning which, because it is rooted in the Christian philosophy of life, encourages breadth of vision, ability to weigh evidence, a sense of values, and a due respect for the opinions of others.

The basic purpose of a liberal education is to develop a well-rounded personality and to prepare for rich and full living. The full development of mental powers and the building of character are its most important purposes, and it is, therefore, concerned with thorough scholarship, good manners, and good morals. Such an education develops men and women of honor, who readily accept their proper responsibility to neighbor, state, and church.

One of the principal manifestations of the honor spirit at **SOUTHWESTERN** is the Honor System, wherein students, by long established custom and tradition, assume responsibility for the honorable conduct of all academic tests and examinations, as well as other phases of student life. This method serves to foster in the student moral integrity and dignity of character. The duty of maintaining this system is exercised by the Honor Council, which is composed entirely of students elected to their positions by their fellow students, and which operates without interference by the college administration.

The Honor Council has the responsibility of acquainting entering students with the essential provisions of the Honor System as well as of investigating and penalizing violations of the Honor Code.

In view of the above facts, **SOUTHWESTERN** seeks as students only men and women of ability who have a high sense of honor; the sort of student who is likely to be qualified by intellect and character to cooperate heartily in its ideals and purposes, including support of the Honor System administered by the student body. The college, therefore, reserves the right to refuse admission to or dismiss any student without assignment of reasons, if such action seems to be in the best interest of the college.

Certain definite educational principles have ever been kept in mind in determining the policies of the college. The English university system, of small groups of students in residential units, has been preferred to the Continental system of haphazard living accommodations. Each of the men's residence halls is designed to accommodate about thirty-five students. All students, including freshmen, are taught by well qualified and experienced professors. In this way, it is believed, the physical, intellectual, and moral welfare of the students may best be served. Out of these principles have grown several distinctive and progressive policies adopted by the college.

1. **THE TUTORIAL PLAN.** In 1931 **SOUTHWESTERN** became the first college in the South and one of the very few in America to adopt the English practice of giving each student the opportunity to do at least a part of his work on an individual basis. The plan provides for the privilege of individual instruction in about one fifth of the work of students after the sophomore year. This enriches and broadens the scope of the curriculum and permits the student to progress as rapidly as his ability permits.
2. **HONORS COURSES.** Reading for honors is a privilege granted to exceptionally able students who wish to round out their education with more intensive and specialized study than that required in the regular curriculum. In providing honors courses, **SOUTHWESTERN** further carries out her traditional policy of giving special attention to the individual development of the superior student.

3. **AN INTEGRATING COURSE.** In order to help the student see relations among his various college courses and to make unified understanding possible, SOUTHWESTERN inaugurated a double course for freshmen called "Man in the Light of History and Religion." This movement to vitalize education harmonizes with SOUTHWESTERN's tradition as a Christian college. Human experiences are viewed in the light both of history and of Christian truth. The course is given by several professors from the departments of Bible, History, and Philosophy, and gives three credits in Bible and three in History each semester.

SOUTHWESTERN, though not a vocational or professional school, offers the liberal education which every professional man needs as the basis for specialization and, in addition, the courses of study preparatory to advanced professional training. Breadth of knowledge and thorough acquaintance with a particular field are essential requirements of a liberal education and are essential to intelligent living in the world of today.

Only the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music are offered. The special courses in music required for the Bachelor of Music degree are given by the college department of the Memphis College of Music, which is the music department of SOUTHWESTERN. Three types of degrees are offered: (1) the B.A., B.S., and B.M. degrees; (2) the same degrees "with distinction," for those who pass with sufficiently high marks; and (3) the B.A. and B.S. degrees "with honors," for those who have satisfactorily passed honors courses in addition to the usual degree requirements.

SOUTHWESTERN requires of all seniors a series of comprehensive examinations in their major field of study. This educational procedure was adopted in order to assure to the students of SOUTHWESTERN better assimilation, unification, and mastery of their learning, and thus to increase their opportunity and incentive to profit by the liberal arts program.

ORIGIN AND DEVELOPMENT OF THE COLLEGE

SOUTHWESTERN AT MEMPHIS had its origin in Montgomery Masonic College, which was established at Clarksville, Tennessee, in 1848. In 1855 the Synod of Nashville of the Presbyterian Church assumed control of the college, with Dr. W. M. Stewart as president, and named it Stewart College. In 1861 it became a college of the Presbyterian Church in the United States. In 1875, under the administration of Dr. J. B. Shearer, the college was incorporated as Southwestern Presbyterian University.

About 1900 the Church began to realize that the institution was not ideally located with reference to the territory it was presumed to serve. After rejecting a suggestion to move it to Atlanta, the Board of Directors became convinced that Memphis, the leading city in its tri-state area, would be the best location.

The members of the Board of Directors of SOUTHWESTERN are elected by the four cooperating Synods of Alabama, Louisiana, Mississippi, and Tennessee of the Presbyterian Church in the United States.

In 1917 Dr. Charles E. Diehl was elected president. A large and beautiful campus was obtained in Memphis, where the college opened its seventy-seventh session in the autumn of 1925. Beautiful stone buildings in the collegiate Gothic style had been erected. In July, 1930, the mortgage indebtedness incurred in order to complete the initial buildings was paid. In 1943 the Memphis College of Music became the music department of SOUTHWESTERN.

After thirty-two years of service, 1917-1949, Dr. Diehl retired from the presidency, and Dr. Peyton N. Rhodes, vice president since 1944, became his successor. The inauguration of President Rhodes took place on September 21, 1949, as a part of SOUTHWESTERN'S Centennial Celebration, at which time the college entered upon its second hundred years of service in the cause of Christian higher education.

The buildings on the campus are designed and equipped for maximum comfort and efficiency. Palmer Hall contains Hardie Auditorium, the Davidson Hill Memorial Directors' Room, the main administrative offices, and classrooms. Hugh M. Neely Hall and Catherine Burrow Hall provide efficient and healthful dining service. The Science Building is amply equipped with facilities for scientific work of the highest quality.

The Burrow Library, a gift of Mr. and Mrs. A. K. Burrow, of Memphis, represents the finest in college libraries. It houses a collection of 80,800 catalogued volumes, 3,500 phonorecords, and 3,500 slides, carefully selected for the program in liberal and fine arts and sciences.

The Librarian and staff offer students personal assistance and encouragement in the use of the catalogue and reference facilities. A series of monographs relating to library holdings and research is published under the Burrow Library imprint.

The Burrow Library Committee, composed of faculty and student representatives, cooperates in determining general policies and in planning special features. The Friends of the Burrow Library, an association of persons who appreciate books and are interested in making them more useful to the college and the community, help to augment library holdings and strengthen its services.

In providing this spacious and functional air-conditioned structure, Mr. and Mrs. A. K. Burrow made possible a building "which will be outstanding for a hundred years." Its ample reading area, conference rooms, comfortable lounges, and carrels make for an ideal study place.

The William Neely Mallory Memorial Gymnasium provides outstanding facilities for the program of physical education and athletics.

There are four residence halls for men, Robb Hall, Stewart Hall, White Hall, Ellett Hall, and three residence halls for women, Voorhies Hall, Freshman Hall and Evergreen Hall, which are all under the supervision of resident heads who endeavor to make them pleasant and homelike places.

A more detailed account of the origin and development of the college is available in a volume by W. Raymond Cooper bearing the title *Southwestern at Memphis—1848-1948*.

CHAPTER I

INFORMATION FOR PROSPECTIVE STUDENTS

APPLICATION FOR ADMISSION

A student who wishes to apply for admission to SOUTHWESTERN should write to the Registrar for an application blank. He should also arrange to take the *Scholastic Aptitude Test* given by the College Entrance Examination Board as explained in the following section.

The application blank should be filled out by the applicant himself and returned to the Registrar, together with the photograph and autobiographical sketch asked for on the blank. An application fee of ten dollars, which is not refundable, must also accompany the application.

Beginning in the second week of February, the Committee on Admissions and Student Aid will consider all completed applications and will send the applicant a report of its action as soon as possible thereafter. For consideration by the Committee, the application must be complete in all details, including the fee, photograph, sketch, scores on the Scholastic Aptitude Test, and the high school transcript through the first semester of the senior year. The college will obtain the transcript on a form of its own; the other items mentioned must of course be supplied by the applicant. If he is in his senior year of high school, he may be accepted subject to satisfactory completion of the work being carried.

Applicants are expected to complete high school with sixteen or more credit units in a college preparatory program, with at least thirteen units in the academic fields of languages, mathematics, history, natural science, and social studies. Of these thirteen units, four should be in English, two in one foreign language (modern or classical), two in algebra, and one in plane geometry. Students with a slightly different pattern of subjects may be considered if their records in other respects indicate readiness for SOUTHWESTERN'S program of study. At all times the Committee looks for qualities of character and social responsibility as well as scholastic ability.

ENTRANCE EXAMINATIONS

All applicants for admission to the freshman class are required to take the *Scholastic Aptitude Test* of the College Entrance Examination Board. Applicants who cannot obtain the application forms from their high schools should write directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey, for the necessary material. (Students from far Western states should write to the College Entrance Examination Board, Box 27896, Los Angeles 27, California.)

Dates on which the test may be taken during the 1960-61 school year are: December 3, 1960; January 14, February 4, March 18, May 20, and August 9, 1961.

Applicants are expected to take the test not later than the February date, with the December and January dates preferred. When the application form has been filled out, the applicant should mail it

directly to the Board which has arranged for the test to be administered at various centers throughout this country and abroad. The Bulletin of Information which the Board will send to the student with his application form contains a list of these centers. The student may select the one most convenient to him.

ADVANCE DEPOSIT

Upon notification that their applications for admission have been approved, a deposit of fifty dollars will be due from students who are to reside on the campus. The deposit is not an extra charge, but is credited to the student's account and deducted from the first semester's expenses. It is not refundable in event of the student's nonattendance.

ADMISSION OF SPECIAL STUDENTS

Special applicants over twenty years of age who give evidence of sufficient ability, may be admitted to a course of study not leading directly to a degree, but allowing them to pursue that work for which they are best prepared and which they particularly need. But a course of this kind is not open to a student who has just finished his preparatory work with insufficient credits to admit him as a regular candidate for a degree.

Special students are not regarded as candidates for a degree and are not eligible for intercollegiate athletics, fraternity or sorority membership, and other extra-curricular activities. Tutorial courses also are not ordinarily open to them. In no case may a special student be enrolled in more than three classes, or for more than eleven semester hours of credit. Application for admission as a special student must be made in writing, and must be approved by the Committee on Administration before the student may be enrolled. The request will be acted upon after the formal application and scholastic record of the student have been received. The request must be renewed each academic year. Special students are charged twenty-five dollars per credit hour per semester, plus ten dollars registration and recording fee.

ADMISSION OF TRANSFER STUDENTS

An applicant for admission as a transfer student should secure an application blank from the Registrar of SOUTHWESTERN and request the college from which he desires to transfer to send an official transcript showing terms of dismissal, entrance credits, collegiate credits and grades. Separate official transcripts from each college attended are required. A student accepted on transfer will be allowed tentative credit for any course suitable to SOUTHWESTERN's program in which his grade is C or better. Final credit for acceptable courses will be granted after the student has completed a year in residence at SOUTHWESTERN with a scholastic record satisfactory to the Committee on Administration. A course passed with a grade of D may be used by the student

to meet a course requirement but it will not carry hour credit. The student will be given credit for quality points equal to but not greater than the number of semester hours transferred. SOUTHWESTERN's policy is to consider applications only from transfer students who are in good academic standing at the last institution attended. Since two years of residence are required for a degree, not more than two years of work (sixty-four semester hours) can be accepted from other institutions.

ASSIGNMENT OF ROOMS IN RESIDENCE HALLS

Room assignments are made by the Dean of Men and the Dean of Women, in coöperation with the heads of the residence halls and the Comptroller. Exchange of rooms after the opening of the session may be made only with the approval of the Dean of Men or the Dean of Women. All students who are not residents of Memphis or its immediate vicinity are required to live in the college residence halls and to take their meals in the college dining halls. However, if living quarters on the campus prove insufficient to meet the demand, a limited number of qualified students may, if they desire, be accepted as day students and permitted to live off-campus. In all such instances, the student's rooming arrangements must be made by the student and subject to approval of the appropriate dean. Where approval cannot be granted for any reason, the student's permission to enter Southwestern will be withdrawn. Ordinarily, rooms in the residence halls are not available to women students whose homes are in Memphis.

ORIENTATION AND REGISTRATION

All students entering SOUTHWESTERN for the first time are expected to be present for orientation week, which immediately precedes the opening of college. The orientation period is designed to acquaint new students with the traditions, ideals, and regulations of SOUTHWESTERN and to afford them an opportunity to plan their courses of study in consultation with members of the faculty. During orientation week the new students, in addition to discussing their courses of study individually with a member of the faculty, meet with the representatives of various student organizations, take aptitude and classification tests, receive instruction in the use of the library, attend social events, and hear talks by administrative officers of the college. The dates of the orientation period are listed in the college calendar. New students who arrive when the orientation program is over or well under way, in addition to missing necessary instruction and information, will be subject to considerable inconvenience and will also be assessed a late registration fee of \$5.00.

TUITION AND OTHER COSTS

The tuition fee represents only about one-half of the actual cost of instruction, the other half being provided from endowment and gifts. The medical and activities fee includes ordinary medical care, accident and hospital insurance, use of the library, athletics, physical education, and subscriptions to the various student publications.

As costs are clearly stated, no bills are rendered unless requested. All tuition, fees, and other charges are payable in full at the time of registration.

TABULATION OF EXPENSES FOR THE 1960-61 SESSION

Tuition, per semester	\$ 350.00
Activities Fee, per semester	50.00
Board, per semester	225.00
Men's Residence Halls, per semester:	
Robb, White and Ellett Halls	85.00
Stewart Hall	75.00
Women's Residence Halls, per semester:	
One in a room	125.00
Two in a room	105.00

(A few rooms in the women's residence halls are large enough to accommodate three persons. The charge for these rooms is \$85.00 per person per semester.)

For courses in excess of seventeen hours, students pay at the rate of \$20.00 per semester hour, if more than five courses are taken.

Special students pay \$25.00 per semester hour, plus a registration and recording fee of \$10.00 per semester.

Candidates for degrees in music are charged the same tuition and fees as for all other majors. This includes two lessons per week in applied music. Additional lessons in a minor field are charged for at the rate of \$50.00 per semester for one lesson per week.

Students majoring in other subjects who wish to add the study of applied music to their regular academic programs will be charged additional fees of \$100.00 or \$125.00 per semester, the amount depending upon their choice of instructor and subject.

For special students the tuition for Music 11, 12, 23 or 24, which are class courses, is \$100.00 per semester, plus \$10.00 registration and recording fee. The tuition for other music courses is \$50.00 per semester for two-hour courses and \$75.00 per semester for three-hour courses plus \$10.00 registration and recording fee. For special students and students enrolling for less than a semester, the charges for private instruction are \$3.50 or \$5.00 per lesson depending on the courses taken. No credit can be earned in applied music unless the student has an equal number of credit hours in music theory.

All students living in the residence halls are required to take their meals in the SOUTHWESTERN dining halls. *There can be no exception to this regulation.* The best food obtainable is served at the lowest possible cost. Other students, members of the faculty, and members of the college staff may also obtain meals in the dining halls.

It is hoped that food costs will not rise to such an extent that the college will have to make an additional charge for board. However, it is vitally necessary that students have first-class food and a well-balanced diet, and if such an increase becomes necessary patrons will be billed separately for the additional charge.

LABORATORY FEES

<i>Art:</i>	
Course 32	\$10.00 per semester
<i>Biology:</i>	
All laboratory courses	\$10.00 per semester
<i>Chemistry:</i>	
All courses except number 48	10.00 per semester
<i>Economics and Business Administration:</i>	
Courses 31, 32, 33	5.00 per semester
<i>Education:</i>	
Course 51-52	20.00 per semester
Course 24	3.00 per semester
<i>Physics:</i>	
All laboratory courses	15.00 per semester
<i>Psychology:</i>	
Courses 21, 22, 24, 34, 35	3.00 per semester
Courses 31, 32	5.00 per semester
Course 42	10.00 per semester
<i>Sociology:</i>	
Courses 21, 22, 23, 24, 33, 43	3.00 per semester
Course 31	5.00 per semester
<i>Speech:</i>	
Courses 1, 2, 4,	3.00 per semester

Some tutorial courses in science requiring laboratory work carry a laboratory fee. These fees vary, the amount being determined by the nature of the course.

A laboratory fee is not returnable to the student after the expiration of the first two weeks of the semester.

BREAKAGE DEPOSIT

At the beginning of each semester a deposit of \$5.00 is made by each student taking a laboratory course in chemistry, biology, or physics. From this fund will be taken any charges for damage done by the student to the apparatus. The remainder of the deposit will be refunded at the end of the session.

SPECIAL FEES

Graduation fee, including academic regalia rental	\$15.00
Book fee, Bible-History 3-4, per semester	5.00
Book fee, Bible 51	2.50
Participation fee in Education 51-52, per semester	20.00
Special examination	2.50
Removal of condition	2.50
Delayed registration	5.00
Change of course (after first week)	2.50
Locker rent, per year	1.00

REGULATIONS REGARDING PAYMENT OF FEES

The following financial regulations, made by the Board of Directors, are not subject to change.

No student is enrolled for a shorter period than an entire semester, except in the summer session.

All charges for the semester are payable in advance upon matriculation. A delayed registration fee of \$5.00 will be charged on all bills for the semester which are paid later than the date officially set for registration.

No student will be certified for initiation into a fraternity or sorority, or receive honorable dismissal, or obtain a transcript of credit, or be admitted to graduation, until all college bills are paid.

All candidates for degrees are required to pay the graduation fee at the beginning of their last semester.

The expenses for a full academic year of two semesters ordinarily approximate the following costs, including the fees noted above:

Instructional and Activities fees (Fixed)	
Tuition	\$ 700
Medical and Activities fee	100
Laboratory fee (Variable)	0 to 40
Personal Expenses	
Room (Men's Residence Halls)	\$150 to 170
Room (Women's Residence Halls)	170 to 250
Board	450
Books and Supplies	65 to 90
Laundry and Cleaning	75 to 100

The total of these expenses ranges from \$1540 to \$1730 a year. The figures do not include clothing, traveling expenses, fraternity or sorority membership, or incidentals.

REFUNDING OF FEES

Tuition and other fees are not returnable except when withdrawal from the college is occasioned by prolonged illness or other cause beyond the control of the student. Withdrawal by reason of induction into military service permits proportional refunding of fees, but refunds for other causes are made only as follows: withdrawal within one week, four fifths; within two weeks, three fifths; within three weeks, two fifths; within four weeks, one fifth. Students withdrawing under discipline forfeit the right to a refund of fees. No request for refund can be considered prior to filing of formal written notice of withdrawal with the President or the Dean.

SCHOLARSHIPS

All forms of scholastic aid at SOUTHWESTERN are administered by the Faculty Committee on Admissions and Student Aid. The Committee's object is to award the scholarships at its disposal on the basis of merit alone, and to set the accompanying stipend for each particular recipient in an amount that should meet his need, within the limits of available funds.

SCHOLARSHIP AGREEMENT

The growing complexity of the national situation regarding college scholarships presents increasingly serious problems for both colleges and applicants. In order to achieve greater uniformity and equity in the allocation of scholarship funds, the Southern colleges and universities listed below * have agreed upon a common philosophy and procedure in making awards:

1. The amount of a scholarship should be determined on the basis of need, and the award of large stipends to individuals who are not in need is regarded as undesirable.
2. A scholarship recipient should be chosen on the basis of promise and achievement.
3. It is desirable for colleges to consult one another in establishing the size of a stipend for a common applicant in order that the candidate may choose his college rather than his stipend.
4. The amount of a stipend depends on the applicant's financial status. It therefore represents confidential information which should not be made public by the college, the school, or the candidate, whether or not the award of a scholarship is publicly announced.
5. Applicants for financial aid may be expected to borrow a reasonable part of this aid if they are not prepared, through previous savings or other means, to meet the cost of their education.
6. Each applicant for a scholarship at one or more of these institutions must take the College Entrance Examination Board Scholastic Aptitude Test, and must submit detailed financial information to the College Scholarship Service for transmittal to the institutions concerned.
7. An applicant for a scholarship or a grant who is applying to more than one of the institutions below will not be required to give any of these institutions notice of his acceptance before April 1.

* Agnes Scott College, Centre College of Kentucky, Davidson College, Emory University, Furman University, Hollins College, Mary Baldwin College, Queens College, Randolph Macon Woman's College, Rollins College, Southwestern at Memphis, Stetson University, Sweet Briar College, Transylvania College, Tulane University (including Newcomb College), The University of the South, Vanderbilt University, Wake Forest College, Washington and Lee University.

THE GEORGE F. BAKER SCHOLARSHIPS

The George F. Baker Trust of New York City has established a \$50,000 scholarship fund at SOUTHWESTERN to provide opportunities for young men of unusual promise to obtain a high quality education regardless of their economic circumstances. From four to six Baker Scholarships will be awarded each year to freshman men entering Southwestern in 1960, 1961, and 1962. The amount of each stipend will be determined by the financial need of the individual. The maximum amount has been set at \$2,000 per year, or \$8,000 for the four years, a sum sufficient to cover all necessary expenses.

Applications for the Baker Scholarships *must* be submitted by February 1st.

HONOR SCHOLARSHIPS AND LEADERSHIP AWARDS

Each year 15 Honor Scholarships and 8 Leadership Awards are offered to men and women high school seniors eligible to enter SOUTHWESTERN. Students who rank in the upper quarter of their class are eligible to apply for Honor Scholarships; students who rank in the upper half of their class and have exhibited exceptional qualities of leadership in extracurricular activities may apply for Leadership Awards. Both forms of aid are extended on a competitive basis. The Committee selects the recipients on the basis of their high school records, scores on the Scholastic Aptitude Test given by the College Entrance Examination Board, opinions and recommendations of principals and counselors, and in some instances personal interviews.

Each recipient will be given a Certificate of Award and a basic grant of \$100. A recipient who needs further assistance may apply for an additional amount to be based on an evaluation of his need as shown by the Parents' Confidential Statement which he and his parents may submit to the College Scholarship Service.

An Honor Scholarship is renewed at the end of each year for a total of four years as long as the student maintains SOUTHWESTERN's standards of character and conduct, and an academic record of B or better on 14 or more hours of academic work. A Leadership Award is renewed at the end of each year for a total of four years as long as the student maintains SOUTHWESTERN's standards of character and conduct, continues to exhibit the qualities of leadership for which he was selected, and maintains an academic average of C or better on 14 or more hours of academic work. Students whose stipends were based on information submitted to the College Scholarship Service will be required to file with the college during each following spring semester a statement of their current financial position. Using the statement as a basis of judgment, the Committee will set the stipend for the next year.

Applications for Honor Scholarships and Leadership Awards should be made by February 1st, with March 1st as the deadline except in extraordinary circumstances. Candidates should arrange to take the Scholastic Aptitude Test at either the December or the January testing period.

OTHER FORMS OF STUDENT AID

Candidates for the ministry and sons and daughters of ministers and teachers will upon application be given a tuition credit of \$100 a year. Students in these categories whose need is not covered by this amount may apply for additional aid in the form of Service Scholarships by filing the Parents' Confidential Statement.

Other students who need financial assistance to attend SOUTHWESTERN may apply for Service Scholarships. These Scholarships also are based on merit and require the filing of the Parents' Confidential Statement. Service Scholarships will normally require of the holder some service to the college in the form of campus employment.

PARENTS' CONFIDENTIAL STATEMENT

The forms for making this statement can be obtained from the high schools. The statement is a necessary part of every request for a scholarship or financial aid above the basic grant of \$100. Parents should prepare the statement and submit it to the College Scholarship Service by January 15. If unable to obtain the PCS form from the high school, parents should request it from College Scholarship Service, Box 176, Princeton, New Jersey, or Box 27896, Los Angeles, California.

Additional information, including application forms, will be supplied upon written request to the Admissions Counselor of SOUTHWESTERN.

All applications for scholarship or financial aid must be accompanied or preceded by a regular application for admission to SOUTHWESTERN.

LOAN FUNDS

Needy and meritorious students for whom the college cannot provide sufficient scholarship aid should not hesitate to apply for a loan either from the revolving loan fund of SOUTHWESTERN or under the National Defense Student Loan Program in which SOUTHWESTERN participates. In many instances, the Committee on Admissions and Student Aid will suggest a loan in the NDSLPL to supplement its offering of scholarship aid. Details regarding the loans and application forms for requesting them may be obtained from the Comptroller of SOUTHWESTERN.

THE C. M. GOOCH FOUNDATION

The C. M. Gooch Foundation is prepared to give financial aid for vocational or college training to a limited number of outstanding boys and girls of the Tri-States Area of Memphis and vicinity.

While these awards are loans, they are an expression of confidence in the recipient, for they are made without collateral and without interest and are repayable in monthly installments after graduation (or leaving college). Freshmen may receive outright grants if the need seems sufficiently great.

Awards are based on scholarship, character, promise of social responsibility, and need. The Applications Committee does not look with favor upon applicants with less than a B high school average.

A few exceptions may be made in the case of an outstanding talent.

Acceptance of financial assistance entails upon the student an obligation to maintain a high standard of work and to use all funds economically, to keep a close relation with the Foundation, and to conform with its principles. Although awards are made for one year only, students who measure up to Foundation standards may re-apply and receive assistance during succeeding years.

Additional information may be received by writing or calling the Foundation. After application has been made, an interview with a member of the Applications Committee is necessary before an application is complete.

It is highly recommended that interested students apply immediately, as applications should be received by the Foundation in the spring. However, some applications are accepted throughout the summer. Call or write to Mrs. A. L. Turner, Secretary, The C. M. Gooch Foundation, 886-7 Shrine Building, Memphis 3, Tennessee.

THE TUITION PLAN

The Tuition Plan is a convenient way to meet tuition and other academic fees out of regular family income. Instead of large single cash payments, parents and guardians can use the monthly payment method. Under this deferred payment system, the cost may be spread over the entire school year, or, under the 2, 3, and 4 year plans, may be spread over the entire period, with Parent Life Insurance automatically included. The Tuition Plan has been accepted widely in the field of education and is available at SOUTHWESTERN. A booklet describing the plan will be sent on request.

HEALTH AND PHYSICAL EDUCATION

The physical well-being of the student body is carefully supervised by the college. Health-giving exercises, intramural sports, which give to all students the opportunity of acquiring skill in various games, and recreational activities are provided by the department of physical education. During the registration period, all students are examined by the college physician and classified as to physical fitness. Any students unfit for strenuous activity are either exempted from the physical education program or are directed into such exercises as are suited to their condition.

Unless entirely exempted, all students are automatically enrolled in physical education until four semester hours in the subject have been earned. Such students will be given a grade of F (denoting failure) for any semester not satisfactorily completed.

Ordinary illnesses are treated by the college physician, who maintains daily office hours in the student infirmary on the campus. In general, this includes those disorders which would be treated by the family physician in his office or at the patient's home.

For unusual problems involving the eyes, skin, bones, etc., or in instances where special studies are needed, the student is referred by the college physician to appropriate specialists in the city. In case of serious illness or accidents, arrangement is made for hospitalization

and emergency service in one of the several well equipped local hospitals and an appropriate specialist is requested to take charge. In all such unusual instances, the fees of the private physicians and the costs of X-rays, tests, hospitalization, and all other charges are obligations of the student.

The college provides accident, sickness, and hospitalization insurance under a group plan. A folder indicating the benefits is furnished each student.

The head of each of the residence halls will report promptly to the college physician the illness of any student.

COUNSELING

The college maintains a counseling and guidance service for its students. The Dean of the college and faculty counselors assist students with all academic matters, schedules, and degree requirements. The Dean of Men and the Dean of Women especially are available to help with any student problem—educational, vocational, or personal.

The Presbyterian Guidance Center, directed by a specialist in vocational counseling, is designed to help students plan vocational objectives. Psychological testing and counseling services are provided without charge for all students, and a comprehensive file of occupational information is maintained for student use. Any regularly enrolled student may request the services of the Center, which, although emphasizing primarily vocational guidance within a framework of Christian service, will assist students with academic problems. Such services are an integral part of the extra-class program provided by the college.

CHAPTER II

PLANNING A COURSE OF STUDY

THE CURRICULUM

The curriculum at SOUTHWESTERN provides a four-year program of liberal arts and sciences leading to the Bachelor of Arts, the Bachelor of Science, and, through its Memphis College of Music, which is the music department of SOUTHWESTERN, the Bachelor of Music degree. Breadth of learning and specialized knowledge in certain fields, as a preparation for life and for careers in business and the professions, are provided through its degree requirements. Lack of adequate motivation and clear direction are the primary causes of student failure. Since few students in the freshman year are certain of the vocations in which they will engage, and since all persons, regardless of their occupations in life, should acquire a mastery of certain fundamental learning and skills, most of the freshman courses are required courses. Classes are restricted as to size, and each student is given a maximum of individual attention. By the end of the freshman year the student will generally have discovered in which fields of study he is most interested, and can then more intelligently select his major study. Thereafter, the student will follow the major requirements of his field and the general degree requirements, and will have opportunity to elect additional courses in which he has an interest. Obtaining a degree, therefore, is not merely a matter of accumulating the requisite number of credit hours; the work is planned so that the student acquires a certain mastery in a general field of study.

COURSE REQUIREMENTS AND RESTRICTIONS

All students registered for more than three classes or more than eleven semester hours of credit are regarded as regular students of the college, irrespective of whether their classification is that normally leading to one of the degrees offered by SOUTHWESTERN. A course of study consisting of from fourteen to seventeen semester hours of credit, exclusive of physical education, is regarded as the normal program for regular students. Taking less or more than this amount of work must be approved by the Classification Committee. Usually, a year's residence at SOUTHWESTERN with satisfactory grades is a prerequisite for a student taking more than the maximum of seventeen hours. Regular students may obtain permission, after consulting the professor concerned, to audit a course without payment of fee and without its being included in the number of hours they are taking. No student may carry more than twenty credit hours in a semester. Except in the case of students reading for honors, not more than three courses in the same department or two under the same instructor may be taken for credit. No two modern foreign languages may be begun in the same semester, and no student may be enrolled in more than three foreign languages at any one time. Students graduating at the close of

the summer session must complete all requirements by the end of the second week after final summer session examinations if they are to be listed with the graduating class of the current year. Any course for which there is an inadequate number of registrants may be withdrawn without prior notice. Students are automatically registered for the work in physical education until the two-year requirement has been fulfilled, unless excused by the Director of Physical Education on satisfactory evidence of physical disability or other compelling reason.

CHANGE OF COURSE

During the first week of classes in any semester, the student has the privilege of making an approved change of course without payment of fee. All irregular classifications must be approved by the Classifications Committee. Regular changes must be approved by the Dean. After the first week of classes, a fee of \$2.50 is charged for all changes of course, except changing from one section of a class to another, or changing to a less or more advanced class in the same subject, with the professor's recommendation. A student is not excused from attending a course he wishes to discontinue until this fee has been paid and the signature of the Dean has been secured. No grade will be recorded in courses dropped within eight weeks after the first meeting of the class, nor when the student officially withdraws from college before the semester examinations. However, when a student drops a course after the eight-week period, the notation "withdrew passing" or "withdrew failing," whichever applies, will be entered on the student's record.

DEGREE REQUIREMENTS

To obtain a Bachelor of Arts, Bachelor of Science, or Bachelor of Music degree from SOUTHWESTERN, a student is required to attend college for at least eight semesters, or the equivalent in time, four of which, including the senior year, must be spent in residence at SOUTHWESTERN; he has to complete satisfactorily 124 semester hours of acceptable college work, which must normally include 4 semester credits, but not more, of physical education. Furthermore, he must secure a minimum of 124 quality credits. Three quality credits are given for each semester hour graded A, two quality credits for each semester hour graded B, and one for each C hour. No quality credit is given for a grade of D. A student must maintain an average grade of at least C for the required courses in his major subject. Graduates of accredited colleges who wish to secure the Bachelor of Music degree from SOUTHWESTERN are exempted from the four-semester residence requirement.

SOUTHWESTERN also requires of all students a comprehensive examination in their major field of study, taken in the senior year at the end of their final semester. Seniors completing all major requirements by the close of the second semester, but having to take summer courses to complete other degree requirements, may take comprehensive examinations at the end of the regular session.

Students who, because of physical disability certified by the college physician, are permitted by the Curriculum Committee to graduate without physical education credits must substitute 4 semester credits in academic work. Physical education credits in excess of the 4 required semester hours may not be substituted for academic hours to satisfy the degree requirements.

Students who have obtained a grade below C in a course may be allowed to repeat the course for additional quality credits with permission of the department concerned. However, no additional hours of credit can be earned in this way, and such increased grades shall not count toward class honors.

The degrees which may be obtained are: (1) The B.A., B.S., and B.M. degrees. (2) These three degrees "with distinction." (3) The B.A. and B.S. degrees "with honors."

The degree "with distinction" may be recommended by his major department for a student who has attained an average grade of at least B in all courses and also an average grade of at least B in the major field and in the three final comprehensive examinations. The requirements for the degree "with honors" are set forth for each department under the heading of Honors Courses. The degree "with honors" requires honors work in a restricted field during the senior year and a general examination over the entire field.

During his sophomore year the student will select a major subject in which to concentrate in his sophomore, junior, and senior years. Major requirements are listed above the course descriptions of each department. Courses and requirements for the Bachelor of Music degree are given in the section of the catalogue devoted to the music department. Students are responsible for acquainting themselves with the degree requirements and arranging their courses of study accordingly.

Bible 51-52 is regularly taken in the senior year. Juniors who wish to take the course must secure permission to do so from the chairman of the department of Bible.

A good command of oral and written English is an absolute requirement for graduation. Any student whose use of English proves unsatisfactory after his freshman year will be referred to the English department for corrective work without credit.

Freshmen who demonstrate, by means of objective tests, sufficient competence in English composition may complete the two-year English requirement by taking English 21-22 and a year of elective courses in English.

Freshman courses are normally not open for credit to seniors, except foreign language courses taken in addition to those required for the degree.

The degree may be forfeited by a student through misconduct at any time previous to the close of the commencement exercises.

THE BACHELOR OF ARTS DEGREE

The 124 semester hours required for this degree must include the following: Bible 1-2 or 3-4 and 51-52; English 1-2 or 11-12 and 21-22; two years of Greek, Latin, or mathematics, with choice in each as stated hereafter; one year of history; one year of social science consisting of two semesters from one, or one semester from two, of the four departments (Economics, International Studies, Political Science, Sociology); one year of philosophy (besides 51-52) or of psychology; one year of biology, chemistry, or physics (with laboratory); acquisition of proficiency in French, German, or Spanish, as indicated below; two years of physical education.

The proficiency in modern language required for the degree will be demonstrated by passing the Qualifying Examination, which is regularly given as the terminal examination in the second year language courses. Transfer students whose language work was taken elsewhere must also pass the Qualifying Examination, and may petition to take it at the beginning or end of any semester. Transfer students, at their first registration at SOUTHWESTERN, should confer with the appropriate language department.

The Greek, Latin, mathematics requirement permits the following choices: (a) Two years of Greek *or* one year of the language followed by one year of Greek civilization and Greek literature in translation. (b) Two years of Latin *or* one year of Latin followed by one year of Roman civilization and Latin literature in translation. (c) In general, two years of mathematics *or* three semesters of mathematics and one semester of logic. See page 92 for details.

In addition to the major requirements, outlined for each department in the section entitled "Courses of Instruction," and the general degree requirements, the student obtains sufficient elective credits from these or other departments to make up the total 124 semester hours of credit. It is important that all required courses, except those in the major department and Bible 51-52, be completed by the end of the junior year.

THE BACHELOR OF SCIENCE DEGREE

For this degree the major must be in one of the following fields: biology, chemistry, mathematics, physics; and the required 124 semester hours must include the following: Bible 1-2 or 3-4 and 51-52; English 1-2 or 11-12 and 21-22; two years of mathematics; three years of laboratory science selected from biology, chemistry, physics; one year of history; acquisition of proficiency in French or German; two years of physical education.

THE BACHELOR OF MUSIC DEGREE

The courses of study leading to this degree, with a major in church music, school music, applied music, or theory and composition, will be found on pages 113, 114, and 115.

THE FRESHMAN PROGRAM

The candidate for the B.A. degree will have normally the following program in the freshman year:

Required:

- | | |
|-------------|----------------------------------|
| 1. Bible. | 3. Mathematics, Latin, or Greek. |
| 2. English. | 4. Physical education. |

Note: The double course "Man in the Light of History and Religion" fulfills the requirements for first year Bible and one year of history, in both the B.A. and B.S. programs.

Elective:

5. Choice of one or two: (a) Latin. (b) Greek. (c) French. (d) German. (e) Italian. (f) Spanish. (g) Biology. (h) Chemistry. (i) Physics.
6. Choice of one: (a) Economics, with department approval. (b) History. (c) Music. (d) Political Science. (e) Speech. (f) Art.

Note: Two subjects from group 5 or one from group 5 and one from group 6 must be added to the required subjects listed above in order to make a complete freshman program of studies. Students who expect to major in music will also take one course in applied music.

The candidate for the B.S. degree will take the following largely prescribed courses in the first year:

- | | |
|------------------------------------|----------------------------------------------------------|
| 1. Bible. | 4. Mathematics. |
| 2. English. | 5. Biology, chemistry, or physics,
French, or German. |
| 3. History or a social
science. | 6. Physical education. |

The course of study in succeeding years will be determined for the most part by the major requirements and the general degree requirements, with some latitude in the matter of elective courses. Students are urged to examine the pre-professional programs listed elsewhere in this catalogue, especially if they have already chosen their vocation. The major subject must be selected at the beginning of the sophomore year; but a change of major may be made later.

THE HONORS COURSES

The honors courses provide the principal means whereby the superior student may have the opportunity to do more independent, intensive, and individual work than can be done in the regular class program. Since much of this work is done individually or in small groups, the honors student receives the maximum of individual attention from his major professors. The honors work provides the best possible introduction to graduate study, since it employs the full resources of library and laboratory, and promotes independence of thought and study.

The candidate for honors must have senior standing and an average grade of at least B. He should submit his application to the chairman of his major department by May 15 of his junior year. The department will present this application and its recommendation to the Committee on Honors before June 1.

The honors student will earn in his major field nine to twelve credits per semester, which may be distributed among class courses, tutorials, and the honors course. Normally the honors course gives six credits per semester.

All honors programs include some active research (library research, experiment, or project), and a written report or thesis dealing with the research is required. A copy of this report is to be filed with the Committee on Honors and Tutorials, and will be placed in a permanent file in the library.

At least four examinations of three to four hours each will be given in the candidate's final semester, before the regular examination period. The candidate will be exempted from final examinations in his department, and in courses outside his department, if he has a daily average of at least B in those courses. The examinations will be judged by at least three examiners. Successful candidates will receive the degree with honors, and the diploma will be so inscribed, as a permanent record of a significant achievement. If a student's honors work falls short of the requisite excellence, but is of passing quality, the regular degree will be granted.

DEPARTMENTAL REQUIREMENTS

Honors in Art:

- (1) Courses required: all major requirements and Art 125-126.
- (2) A special studio project.
- (3) Examinations: (a) Aesthetics, (b) Styles from Graeco-Roman to Baroque, (c) Styles of the modern period, and (d) Studio Problems.

Honors in Bible and Religion:

- (1) Courses required: all major requirements and Bible 125-126.
- (2) A study of a special field in religion and the presentation of a paper.
- (3) Examinations: (a) Bible content and the literary and historical problems of the Old and New Testaments, (b) the development of Christian thought and institutions, (c) history and philosophy of religion, (d) Christian ethics.

Honors in Biology:

- (1) Courses required: all major requirements and Biology 125-126.
- (2) Honors course: a study of the entire field of biology, including the history and development of modern biology, and an original research problem that includes intensive laboratory investigations.
- (3) Examinations: (a) class courses, (b) tutorial courses, (c) special field of study, (d) research problem.

Honors in Chemistry:

- (1) Courses required: the completion of all regular major degree requirements for the B.S. degree, and Chemistry 51-52.
- (2) An original investigation of some problem in chemistry, usually related to research being carried on by members of the department, is required. A creditable thesis must be presented at the end of the year.
- (3) Examinations: (a) Analytical Chemistry, (b) Inorganic Chemistry, (c) Organic Chemistry, (d) Physical Chemistry.

Honors in Economics and Business Administration:

- (1) Courses required: Economics 3-4, 21, 22, 27, 33, Business Administration 31-32, 125-126, and a substantial research paper in an area of special interest to the candidate.

- (2) Honors course: reading for the examinations and special work in History of Economic Thought and in two additional fields chosen after consultation with the student and the chairman of the department. The fields most frequently selected are Business Cycles, Money and Banking, Marketing, and Labor Problems.
- (3) Examinations: History of Economic Thought and each of the two special fields.

Honors in English:

- (1) Courses required: fulfillment of the requirements for a major in English.
- (2) Honors course: in the first semester, the Renaissance, including certain aspects of the foreign backgrounds of English literature, and centering around Spenser's *Faerie Queen*; in the second semester, the English romantic movement, with special reference to Wordsworth.
- (3) Examinations: the whole field of English literature, and an examination in each of the two fields of the honors course.

Honors in French:

- (1) Courses required: a minimum of 24 semester credits beyond French 23-24.
- (2) Honors course: reading for the examinations, a study and a paper on a specific literary topic.
- (3) Examinations: (a) the French language, (b) French literature, (c) French history, (d) French geography, institutions, and customs.

Honors in German:

- (1) Courses required: a minimum of 24 semester credits beyond German 23-24.
- (2) Honors course: reading for the examinations, and a paper on a specific literary topic.
- (3) Examinations: (a) the German language, (b) German literature, (c) German culture, (d) German history.

Honors in Greek:

- (1) Courses required: Greek 21-22, 29-30, 51-52, 53-54, History 51, Philosophy 21. At least one year of college Latin is advised.
- (2) Honors course: the candidate will meet the professor for one three-hour tutorial period each week.
- (3) Examinations: (a) translation of Greek prose authors (Herodotus, Books VII and VIII; Thucydides, Book II; Plato, *Republic*, Books I and II), (b) translations from the Greek poets (one play each of Aeschylus, Sophocles, Euripides, Aristophanes, and selections from the Greek lyric poets), (c) the history of Greek literature, including the Alexandrian and Graeco-Roman periods, (d) Greek archaeology, (e) Greek history.
- (4) The candidate will prepare a written thesis involving research on an approved topic.

Honors in History:

- (1) Courses required: The same as for a history major, except that instead of point 3 (two additional semesters of advanced history) an honors tutorial is required.
- (2) The Honors tutorial is a double course which is taken, after consultation with the department, in some special field within the general fields of either English, European, or American history. The candidate is expected to prepare a thesis on some phase of this special field.
- (3) Examinations: The candidate for Honors must take the three ordinary history comprehensives: (a) English and American, (b) Europe to 1500 or Europe since 1500, and (c) a special field, plus an examination on the subject matter of his thesis.

Honors in International Studies:

- (1) Courses required: the requirements for a major less Senior Seminar 125-126.
- (2) Honors course: a double senior seminar, 127-128, to integrate, complete, and supplement subjects to be covered in the examinations, together with a substantial individual research project in a restricted area.
- (3) Examinations in the following fields, broadly integrating the basic requirements of U. S. history, U. S. government, economic principles and problems, and general political science: (a) international relations, foreign governments, international law and organization; (b) foreign relations of the United States, U. S. history, U. S. government; (c) international economics, the economic foreign policy of the United States, economic principles and problems; (d) senior seminar and research project materials.

Honors in Latin:

- (1) Courses required: Twenty-four hours in Latin above 21-22, including Latin 29-30, Latin 35-36, and Latin 125-126. Greek 1-2 is advised.
- (2) Honors course: reading and study in special fields agreed upon by the department.
- (3) Examinations: (a) Latin language, (b) Latin literature, (c) Roman history, (d) Roman art, religion, philosophy, and law.

Honors in Mathematics:

- (1) Courses required: Fulfillment of the requirements for a major in mathematics.
- (2) Honors course: Readings and reports on special topics assigned in mathematics and in the history of mathematics; a written report or thesis involving research on an approved topic.
- (3) Examinations: Two examinations in general mathematics and two in special subjects covered in the honors course and outside reading.

Honors in Music:

Note: Only for candidates for the B.A. degree with a major in music.

- (1) Courses required: requirements for a major, Music 125-126.
- (2) Honors course: an essay on an assigned topic in musical history or an original musical composition.
- (3) Examinations: a comprehensive examination in musical theory and history; an examination in the honors course.

Honors in Philosophy:

- (1) Courses required: fulfillment of the requirements for a major in Philosophy.
- (2) Honors course: Philosophy 125-126.
- (3) Examinations: (a) and (b) the history of Philosophy, (c) logic, (d) the content of the special field.

Honors in Physics:

- (1) Courses required: those listed for the B.S. degree with a major in physics, and Physics 61-62.
- (2) Special laboratory research in a recognized branch of physics, usually related to research being carried on by members of the department. A creditable thesis must be presented at the end of the year. Two copies of this thesis, presented in an acceptable style, must be submitted. One copy will be deposited in the library and one copy retained in the physics department.
- (3) Examinations: the four final written examinations will deal with the following topics: (a) Mechanics and Thermodynamics; (b) Electricity and Magnetism; (c) Optics and Atomic Physics; (d) Theoretical Physics and the honors research.

Honors in Political Science:

- (1) Courses required: the requirements for a major less Senior Seminar 125-126.
- (2) Honors course: a double senior seminar, 127-128, in political theory and other subjects to be covered in examinations, and a substantial research essay in a restricted field.
- (3) Examinations: (a) American government, constitutional law, economic problems; (b) U. S. political and economic history, political parties, and public opinion; (c) international law and relations, U. S. foreign policy; (d) foreign governments, political theory.

Honors in Psychology:

- (1) Courses required: fulfillment of the requirements for a major in psychology.
- (2) Honors course: Psychology 125-126.
- (3) Examinations: (a) General psychology and statistics; (b) psychometrics and experimental psychology; (c) social psychology; history and systems of psychology; (d) personality and abnormal psychology.

Honors in Sociology and Anthropology:

- (1) Courses required: fulfillment of the requirements for a major in sociology and anthropology.
- (2) Honors course: Sociology 125-126, and a substantial research paper in an area of special interest to the candidate.
- (3) Examinations: (a) General Sociology and Anthropology; (b) Social Institutions; (c) Social Problems; (d) Culture and Personality.

Honors in Spanish:

- (1) Courses required: a total of at least twenty-four semester credits in Spanish above course 23-24.
- (2) Honors course: approved reading or investigation and an honors essay.
- (3) Examinations: (a) geography, history, and civilization of Spain; (b) Spanish literature, (c) cultural and literary history of Latin America, (d) history, grammar, and practical use of Spanish.

Interdepartmental Honors:

An interdepartmental honors course may be given, subject to the approval of the departments concerned and the Committee on Honors and Tutorials.

THE TUTORIAL PLAN

The tutorial plan of instruction, like the honors program, has as its chief purposes the individualizing of instruction, the avoiding of mass production methods in education, and the provision of means whereby a student may go beyond the scope of a class course, both in the amount of work done and the kinds of interests pursued. The tutorial courses are an adaptation to American conditions of the tutorial plan as followed in the great English universities of Oxford and Cambridge. The method is that of extensive reading under guidance, and individual conferences with the tutor on the material read. This plan was inaugurated in September, 1931, with the aid of a grant from the Carnegie Corporation.

Tutorial courses are not open to freshmen, but sophomores may elect one which gives one hour of credit for two hours of individual study and reading and one period of conference with a professor each week. The purpose of the sophomore tutorial course is to develop the

student's ability to study and think independently and to broaden his learning experience. To that end the sophomore ought to choose his tutorial course in a field not included otherwise in his proposed curriculum.

In the junior and senior years, the tutorial plan attains its full scope. Eight hours of directed reading and one hour or more of conference with the tutor each week give three credits each semester. The course may be a broad survey of a field, or may involve intense specialization in some of its aspects. A wide variety of courses is listed, and the student has the privilege of requesting other courses in which he is interested, if some member of the faculty is available to direct his study in those fields.

TUTORIAL COURSES FOR JUNIORS AND SENIORS

For a detailed description of these courses, the student should refer to the department in which he is interested, as outlined under "Courses of Instruction" in this catalogue. All courses numbered above 100 are junior-senior tutorials.

In a tutorial course for three semester credits the minimum number of conferences should be fourteen, and the record should show at least eight hours of reading or preparation for each conference. In cases of sickness or other unavoidable conditions, the absolute minimum is twelve conferences and ninety-six hours of reading or other preparation.

When there are more than two applicants for the same tutorial course, they will form a seminar group, and when there are seven or more such applicants, they will meet as a regular class.

TUTORIAL COURSES FOR SOPHOMORES

The sophomore tutorial courses give one hour of credit each semester for a total of three hours of reading and individual conference each week with a professor. The chief purposes of the courses are to develop the student's ability to study and think independently and to broaden his learning experience by providing library readings not ordinarily employed in class courses. The readings are selected coöperatively by the professor and the student in accordance with the student's abilities and interests, and the conferences should therefore prove to be stimulating and challenging. The sophomore tutorials serve to introduce the student to new fields of knowledge.

In recent years, the sophomore tutorial plan has been broadened to include discussion groups. Typically, a group of students will meet with one or two professors for an hour or two of group discussion of prescribed readings on a given topic. These courses also give one hour of credit for a semester's work.

A partial list of (1) Tutorial Topics and (2) Discussion Group Topics is given below. It should be understood that not all of these topics will be available in any given year, and that the list of topics is only representative. The general areas of reading are indicated in the following groups:

Tutorial Topics

- Group 1. *Natural Sciences*: selected readings in such areas as Readings in General Science and the Nature of the World of Man.
- Group 2. *Social Sciences*: selected readings, chiefly in the fields of economics, sociology, and government will be offered.
- Group 3. *Christianity and Civilization*: general readings in the impact of religion upon civilization.
- Group 4. *Ancient Civilization*: aspects of the cultural debt of the present to the civilization of classical Greece and Rome.
- Group 5. *The Civilization of Foreign Countries*: readings designed to acquaint Americans with the culture of foreign lands.
- Group 6. *History of Ideas and Methods*: a survey of various Utopian ideals.
- Group 7. *English Language and Literature*: a wide variety of readings in background materials.
- Group 8. *Music*: varied readings for the better understanding of music.
- Group 9. *Art*: such topics as various aspects of modern painting.
- Group 10. *Foreign Language and Civilization*: through readings and tape recordings, students are introduced to any one of a wide variety of modern languages. This program is available to all students, but no credit is given in a language being taken to fulfill degree requirements.

Discussion Group Topics

- Group 11. The Power to Govern.
- Group 12. Discovering Modern Poetry.
- Group 13. Looking at Modern Painting.
- Group 14. The Individual and the Community.
- Group 15. Myths and Realities in Contemporary Life.
- Group 16. The American Scene—Now and Tomorrow.

BASIC AND PRE-PROFESSIONAL PROGRAMS

Professional schools are warning more and more frequently of the danger of pre-professional training which fails to include a well-rounded general education; men so trained, they declare, are not truly educated, but are in serious danger of becoming mere technicians. Furthermore, experience has shown that in many cases students change their vocational interests during their college careers, as new fields of learning are opened to them. Lack of a broad education not infrequently means that new fields are never opened, and in many cases of too early specialization a student embarks upon a career for which he is ill-fitted or else fails to find the career for which he is best fitted; in either case the error cannot be rectified before much valuable time has been wasted, and sometimes it cannot be rectified at all. SOUTHWESTERN is, therefore,

in complete sympathy with those institutions that demand an academic degree as a requirement for entrance into professional schools. Moreover, SOUTHWESTERN warns as strongly as possible against the practice of including in the undergraduate pre-professional program courses which will be given later in the professional schools; this unnecessary and wasteful repetition not only does not help to insure success in the professional schools, but also deprives the student of his last chance to take broadening and valuable non-professional courses in his undergraduate days.

The prerequisites for graduate and professional courses of study vary greatly not only among the various professions but also among individual institutions training students for the various professions. The student is, therefore, urged strongly to consult with his faculty counselor as soon as he has decided upon his aims for the future, in order that the best course of study may be planned according to his individual purposes and needs. However, the prescribed "program for freshmen" previously outlined must be followed and completed, regardless of the student's plans for professional study. Since there is no rigid program in any profession that the student is compelled to pursue without variation, the following outlines of some of the pre-professional requirements are intended only as a general guide to the pre-professional student.

PRE-MINISTERIAL COURSE

The ministry requires of its members a broad and sound knowledge of mankind in all its aspects. The student who intends to enter the ministry should therefore plan his undergraduate course to develop a broad understanding of the basic assumptions and procedures of the natural and social sciences and the humanities, and to develop special competence by concentration in a chosen field. Ordinarily this field should not be in the area of religion, but the program of studies should be worked out in consultation with a representative of the Department of Bible and Religion.

The American Association of Theological Schools recommends the following minimal program of pre-theological education: six semesters of English, three of philosophy, three of religion, three of history, one of psychology, four of a foreign language, two of a natural science, and five in the field of social science. Students planning to attend a theological seminary of the Presbyterian Church in the United States should take at least two years of the Greek language in college.

PRE-PREPARATION FOR ASSOCIATE DIRECTORS OF CHRISTIAN EDUCATION

By majoring in Christian Education, the SOUTHWESTERN graduate is prepared for immediate entrance into the work of the church as a certified Associate in Christian Education. Such an Associate qualifies as a Director of Christian Education either by adding three years of successful experience or by taking an appropriate master's degree. The requirements are specified in the course descriptions in the Department of Bible and Religion .

PRE-TEACHING COURSES

SOUTHWESTERN is interested chiefly in providing sound instruction in the contents of the subjects that prospective teachers intend to teach. Beginning about the sophomore year, however, a program of professional teacher education is offered which fulfills requirements for teacher certification in Tennessee, and generally in surrounding states. A student expecting to teach in a state other than Tennessee should inform himself of any differences in requirements in the state of his choice and plan to fulfill such requirements by attending a summer session in one of the colleges of that state.

The requirements for an elementary certificate are different from those for a secondary certificate. Although certain foundation courses are offered which may be applied toward an elementary certificate, SOUTHWESTERN fully prepares teachers only for the secondary teaching certificate. In order to fulfill the Tennessee requirements for this certificate, a student must possess a Bachelor's degree and must have to his credit a total of twenty-four semester hours in the following subjects:

1. Three semester hours in each of:
 - a. General Psychology
 - b. Educational Psychology
 - c. Introduction to Education, or Principles of Secondary Education
 - d. Curriculum and Materials of Secondary Education
 - e. History of Western Education or The Development of Educational Theory.
 - f. A methods course in the subject he plans to teach (e. g., Biology 132, English 132, French 132, History 132, Latin 132, Mathematics 132, Physical Sciences 132, Spanish 132.)
2. Six semester hours in Practice Teaching
3. A general education core of not less than 40 semester hours, with a recommended minimum credit distribution as follows:
 - a. Freshman English 6 semester hours
 - b. Health, Physical Education, Personal Development, and Home and Family Living 6 semester hours
 - c. Humanities 10 semester hours
 - d. Natural Sciences 8 semester hours
 - e. Social Studies 8 semester hours
 - f. Fundamental Concepts of Mathematics 2 semester hours

BASIC ENGINEERING COURSE

The "Three-Two Plan" of engineering education is rapidly becoming a standard pattern for the better colleges of engineering. The plan, as it relates to SOUTHWESTERN, provides that the student spend three years at SOUTHWESTERN and complete a major in physics or basic engineering. He then attends the desired college of engineering

for two years instead of the customary three, and at the end of the five-year period receives the B.A. degree from SOUTHWESTERN and the appropriate engineering degree from the college of engineering. In this way the prospective engineer receives a broad liberal education as well as the technical training required for his profession. If the prospective engineer discovers that he lacks the necessary mathematical or scientific aptitudes, he can readily change his program to one more suitable to his abilities. SOUTHWESTERN has completed arrangements for this "Three-Two Plan" with such colleges of engineering as Alabama Polytechnic Institute, Georgia Institute of Technology, the University of Tennessee, and Vanderbilt University, and no doubt the plan will be acceptable to other good colleges of engineering.

PRE-LAW COURSE

All law schools of high standing require that college work be taken before starting the professional courses, but there is no agreement among the schools either about the courses of study that should be taken by candidates for admission or about the minimum length of the pre-law preparation. It is therefore essential that the prospective lawyer select as early as possible the particular school of law which he hopes to attend and familiarize himself with its requirements.

Most law schools require that some work be done in American history, economics, and political science, but it should be emphasized that it is by no means necessary for an undergraduate to major in one of these fields in order to be admitted to the study of law; many law schools and many individual lawyers feel that a student who majors in English, Latin, philosophy, or some other humanistic subject is at least equally well qualified to enter upon a professional law course. The pre-law student entering SOUTHWESTERN can scarcely go astray if he takes in his freshman year Bible 1-2 and History 1-2 or Bible 3-4 (Man in the Light of History and Religion), English 1-2, Latin 1-2 or 21-22 or 35-36, and Political Science 15-16, or a modern language. From this point on his choice of subjects should be determined by the school of law of his choice, in close consultation with his faculty counselor.

PRE-MEDICAL COURSE

The study of medicine is requiring an increasingly broad and thorough educational foundation, and the medical student needs to acquire, before entering into the intense specialization of medical training, not only a sound knowledge of the basic sciences, but also a mastery of English, familiarity with one or more foreign languages, and an understanding of the origins and nature of the society in which he will live and work. Because of this, the medical schools require at least three years of college work for admission, and some require a bachelor's degree.

The minimum science courses required for entrance to any reputable medical school are General Biology, General Chemistry, General Physics, and Organic Chemistry, and many pre-medical students elect to major

in one of the scientific fields. It is not compulsory, however, for a student to major in a science in order to enter a medical school: indeed, medical schools of highest standing now advise the pre-medical student to attempt to obtain as broad an education as possible along cultural lines. These schools emphasize the value of humanistic studies to both specialist and general practitioner, and warn against the folly and waste of duplicating in a pre-medical course the work to be given in the medical school.

In his freshman year at SOUTHWESTERN the pre-medical student is advised to select as his courses Bible 1-2 and History 1-2 or Bible 3-4 (Man in the Light of History and Religion), English 1-2, Chemistry 11-12 or Biology 1-2, and Mathematics 11-12. During his first year he should call upon his faculty counselor to assist him in planning his future course of study, which will vary according to his talents and according to the requirements of the medical school he hopes to attend.

The liberal arts curriculum at SOUTHWESTERN offers the basic science courses necessary for specialized vocations such as optometry and veterinary medicine. Students interested in such professions should consult the professional school of their choice to learn what liberal arts work is recommended or required.

PRE-DENTAL COURSE

In most schools of dentistry, the program of the first two years of professional training is practically identical with that of the medical schools. Therefore, what has been said above concerning the pre-medical course applies equally to the pre-dental course.

PRE-PHARMACY COURSE

All reputable schools of pharmacy require at least one year of pre-professional study at the college level, and many require more than one. SOUTHWESTERN advises that the prospective pharmacist spend at least two years in college and preferably more, before making application for entrance into a school of pharmacy. His pre-pharmacy courses should include Bible 1-2 and History 1-2 or Bible 3-4 (Man in the Light of History and Religion), English 1-2 and 21-22, Mathematics 11-12, Biology 1-2, Chemistry 11-12, Physics 1-2, and courses in Latin and Greek.

COURSES PRELIMINARY TO MEDICAL TECHNOLOGY

Schools of Medical Technology offering courses of study which lead to the degree of Bachelor of Science in Medical Technology require for admission two or more years of preliminary college work which may be taken at SOUTHWESTERN. Required courses include chemistry and biology, and the student should enroll in Chemistry 11-12 the first year, together with Bible 1-2 or 3-4, English, and mathematics. This program requires careful planning to avoid loss of time and the Registrar of SOUTHWESTERN should be consulted at each registration.

FOREIGN SERVICE AND INTERNATIONAL BUSINESS

This program of international studies provides a basic preparation for careers in the diplomatic service of the United States and in international

business. The program also offers preparation for graduate study in the field of international affairs.

In view of the enlarged rôle of the United States in world politics and the need for politically trained citizens, the plan focuses on fundamental courses in international relations, the foreign relations of the United States, and international economics. These are supplemented by advanced courses and the opportunity for individual research in seminars. Conforming to the liberal arts tradition, the program depends upon a close interdepartmental relationship in the fields of economics, history, political science, and modern languages.

This plan allows a major in international studies. In addition, those majoring in economics, history, or political science can participate in the program by electing particular courses dealing with their main interest (for example, United States diplomatic history, international relations, international economics, international law, or international organization). Most of the course offerings of the international studies curriculum are, in fact, of general elective interest.

Following is a suggested schedule of courses for majors in International Studies:

Freshman year, both semesters: Bible; history; Greek, Latin, or mathematics; English; a science.

Sophomore year, both semesters: Modern foreign language; English; Greek, Latin, or mathematics; international relations; choice of one: U. S. history, U. S. government, economic principles and problems.

Junior year, both semesters: Modern foreign language; English; philosophy; choice of two: U. S. history, U. S. government, economic principles and problems; choice of one: the foreign relations of the United States, international economics.

Senior year, first semester: Bible; choice of one: the foreign relations of the United States, international economics; international law or international organization; International Studies 125; one elective.

Second semester: Bible, the foreign relations of the United States or international economics; International Studies 126; two electives.

Note: The 125-126 seminar is flexible enough to allow foreign service applicants to review in preparation for the competitive examinations, while aspirants for careers in business can pursue practical trade problems, and students interested in graduate study can carry out concentrated research activities.

BUSINESS ADMINISTRATION

The student entering SOUTHWESTERN with a business career in mind should plan a course leading to the Bachelor of Arts degree with Economics and Business Administration as his major field. In his freshman year he should normally select as his courses Bible 1-2 and History 1-2 or Bible 3-4 (Man in the Light of History and Religion), English 1-2, Mathematics 11-12, and either Economics 3-4 or a foreign language. Usually, Economics 3-4 is a course not open to freshmen, and the student who wishes to take it in his first year should consult the Chairman of the Department of Economics and Business Administration at Freshman Orientation.

LIBRARY SCIENCE

The modern library is an important factor in the civic, industrial, educational, and recreative life of a community, and opportunities for specialized service are offered in the departments of public libraries, in school, college, and university libraries, and in libraries of scientific and industrial institutions, hospitals, and museums. Because of the many-sided development of this work, the prospective librarian will need a sound general background of liberal arts training and a specialized

knowledge in one of the following fields: literature and languages, history and social sciences, or the natural sciences. At least one year of professional training beyond the four years of undergraduate study is required for this vocation.

GRADUATE STUDY

In many vocations the possession of a master's or doctor's degree is becoming more and more desirable. A student who plans to do graduate work leading to one of the higher degrees should consult his faculty counselor during his freshman year if possible, and certainly before entering his junior year. His undergraduate program, preferably leading to a bachelor's degree with honors, should be planned in such a way as to include a maximum of study in his chosen field and in related fields without lessening his general knowledge of other fields. As all good graduate schools require a reading knowledge of either French or German for all higher degrees, and some schools require a knowledge of both languages, the prospective graduate student is strongly urged to include courses in these languages in his undergraduate program.

SOUTHWESTERN RESEARCH INSTITUTE

In recognition of the importance of scientific research and the need for expanded investigative effort in the pure and applied sciences, the Southwestern Research Institute has been established by SOUTHWESTERN AT MEMPHIS for the purpose of contributing to the industrial development and promotion of scientific education in the Mid-South.

In addition to carrying on sponsored industrial research, the Southwestern Research Institute is so organized that SOUTHWESTERN faculty members may use its facilities in pursuing fundamental research on problems relating to their particular fields of interest. Also, the opportunity is provided, wherever possible, for SOUTHWESTERN students to broaden their scientific education through active participation in the research programs of the Institute.

THE INTERNATIONAL LANGUAGE CENTER

The International Language Center, housed on the balcony level of the William Neely Mallory Memorial Gymnasium, consists of a reading room for International Studies, a classroom, offices, and a language laboratory.

The International Language Center contains booths equipped with especially adapted tape recorders which permit the student to listen to a recording made by native speakers and to record his own voice. He can stop, repeat, erase, and correct his own speech in comparison with the "master voice." All undergraduate students enrolled in modern foreign languages spend one hour or more each week with the recording devices, as well as one hour in a "live" situation with a native speaker.

In addition to the languages given as regular undergraduate courses, fifteen other languages are available for individual study. A limited

conversational ability may be achieved by spending a few hours each week in the Center, with credit being offered in the sophomore tutorial plan.

The Center also offers night classes for adults, afternoon classes for children, individual study for adults, and training programs for public school teachers.

ARCHAEOLOGICAL FIELD STUDIES

The Department of Sociology and Anthropology, in cooperation with the Tennessee Division of State Parks, has organized a summer field training program in modern archaeological techniques. The program provides for actual student participation in the excavation of pre-Columbian archaeological units at Chucalissa State Park. The close proximity of this site to SOUTHWESTERN affords an opportunity for a student to work on a full-scale scientific excavation without the expense and inconvenience of the usual field situation.

Training in excavation techniques is under the direct supervision of the resident archaeologist at Chucalissa, and carries full college credit at SOUTHWESTERN. No prior archaeological experience is required, but interested students must first be admitted to the SOUTHWESTERN summer school program.

THE AMERICAN SCHOOL OF CLASSICAL STUDIES AT ATHENS

SOUTHWESTERN is one of the sixty institutions of higher learning in the United States that cooperate in supporting the American School of Classical Studies at Athens. Graduates of SOUTHWESTERN who are in a position to profit by postgraduate study in Greece are admitted to this school without entrance examination, and are exempt from payment of fees. Summer sessions of the school are open to juniors and seniors from SOUTHWESTERN.

THE PLACEMENT OFFICE

The college maintains a Placement Office which assists seniors and alumni in finding satisfactory positions, and cooperates with prospective employers by recommending competent persons for various positions. Recommendations from professors are kept on file, and the students' preferences and aptitudes are kept in mind. There is no charge for this service.

CHAPTER III

SCHOLARSHIP, EXAMINATIONS, GRADING

CLASS STANDING

In the first two years of college work, the student is expected to complete most of his specific degree requirements. In order to be regarded as an upperclassman, a student must have four semesters of residence and an academic record approved by the Committee on Administration. The distinction between the upper-class years and the first two years is based on the assumption that the nature of the junior-senior work is fundamentally different in that it demands a more mature attitude on the part of the student than the earlier work requires.

For admission to the sophomore class, two semesters of residence and a minimum of twenty-four semester hours of credit are required. Four semesters of residence, a minimum of fifty-six semester hours, and an approved record are required for junior standing. A minimum of eighty-six semester hours, including at least twenty-four from the junior year, are necessary for senior classification.

SCHOLARSHIP

To maintain acceptable scholastic standing and graduate, the student must have an overall average of C. The Committee on Administration will review students' records at the end of each semester and place on academic probation any student whose record falls significantly below the minimum standard. A student on academic probation will be subject to suspension for one or more terms at the end of the next semester if his average is still below C. Continuance on probation for another semester, instead of suspension, may be imposed when the Committee on Administration believes that improvement has been shown and that the student is making an honest effort to reach acceptable scholastic standing.

EXAMINATIONS, GRADES, REPORTS

All tests and examinations are conducted under the Honor System. Written examinations are held in all courses at the close of each semester, and are to be taken at the regularly scheduled hours. Examinations missed on account of illness or other emergency will be taken at the next reexamination period. Changes in the examination schedule are possible only at the request of the professor concerned, which request is addressed to the Committee on Administration. The fundamental requirement for receiving credit in any course is doing satisfactory class work. In addition, it is necessary to pass the final examination. If a student has failed in his class work, he will be excluded from the final examination. If he has passed in his class

work, but failed in the final examination, he may be permitted by his instructor to take a reexamination at the time specified in the college calendar. Unexcused absence from a final examination automatically results in failure in the course.

Students with E grades must notify the Registrar of their intention to take reexaminations at least two weeks in advance of the scheduled time and must pay the required fee of \$2.50. A penalty of one dollar will be charged in addition if the application for a reexamination is made after the specified time, and no assurance can be given the student that it will be possible to arrange a reexamination at the last moment. Seniors are required to remove all conditions by the end of the first week in May.

Reports of the students' grades will be sent to parents or guardians, and copies will be given to the students, at the middle and end of each semester. Pass lists and lists of students conditioned may be posted by professors after all examinations are over, but final grades are to be given out only by the Registrar. Special reports on failing students, for the information of the college officials and faculty counselors, will be made at specified periods, so that corrective measures may be taken. Complete records of each student, showing entrance credits, college credits, disciplinary action, honors, and the like, are kept in the Registrar's office. A student is entitled to one copy of his transcript of record free of charge, and to additional copies at the rate of one dollar each.

In official grading of academic work the following symbols are employed: A, excellent; B, good; C, average; D, passing; E, eligible for reexamination; F, failure. The grade A indicates work of the highest quality, showing an unusual grasp and appreciation of the contents of the course. B indicates high quality of performance and mastery of the course. C is given for faithful performance well above mere passing. D means that the student has met the minimum prescribed standards for the course. An overall average of B in class grades and on the comprehensive examinations makes the student eligible for graduation "with distinction." An overall average of C is among the requirements for graduation. Grades of D, therefore, must be counterbalanced by grades above C, in order to maintain the required C average.

A student passing the class work but failing the final examination will receive the grade of E, if the instructor considers him qualified to take a reexamination. The student receiving an E may apply for a reexamination to be taken on the date designated in the college calendar. If he passes the reexamination he will receive a semester grade of D. Seniors in their final semester of attendance are eligible for reexamination without delay if they fail a final examination.

Normally, a student must complete his class work to become eligible for the final examination. If, because of illness or other emergency, he was unable to do so, but if he has passed the final examination, he will receive the grade of X. Upon completion of the class work, in a manner prescribed by the instructor, the student will receive whatever final grade is merited. Students prevented by illness or

other necessity from taking the final examination at the designated time will also receive an X, and complete the course by taking the examination at an approved later time. A fee of \$2.50 is charged for the removal of "conditions," i.e. grades of E and X. All conditional grades must be removed within the next semester, unless illness or other extraordinary circumstances justify an extension by the Committee on Administration.

CHAPTER IV

SPECIAL COLLEGE REGULATIONS

SOUTHWESTERN's regulations are intended for the helpful guidance of students and faculty, so that there be no misunderstanding about proper procedure and that the necessary machinery of administration may work well. To a great extent, the students enjoy the privilege of self-government, but it is obviously necessary, in any organization, for things to be done regularly and in order. In case of doubt, the student should consult his faculty counselor, the Registrar, or one of the deans, about questions of procedure. The principal regulations of the college are summarized in the following section for convenience of reference.

ATTENDANCE

Class Attendance. All students are required to attend classes regularly. Each instructor will take attendance rolls daily. Students should present to their instructors a written explanation of absences they consider necessary. When and if a student's absence from class seems to the instructor to jeopardize the student's work in the course or is so persistent as to justify a formal inquiry, the instructor will call the matter to the attention of the Dean of Men or the Dean of Women who will, when necessary, bring in the student's adviser in investigating and judging the situation. Notice (triplicate form) will then be sent to the student, the parents, and the instructor as a warning that further absences may lead to suspension from and failure in the course. When and if a student's absences seem to the instructor to make the student unfit to continue in the course, the instructor will make a written recommendation to the Dean of Men or to the Dean of Women that the student be dropped from the course. On recommendation from a committee composed of the Dean, the Dean of Men and the Dean of Women, the Registrar will drop the student from the course. If a student is recommended for exclusion from as many as two classes, his parents will be urged to withdraw him from college; if he is recommended for exclusion from as many as three classes, he will be required to withdraw from college.

The provisions above apply to all students, including freshmen. The following and additional regulations apply to freshmen only. The faculty will report to the Registrar all freshmen absences not later than the Monday after the absences occurred. Freshmen students seeking excuse for absence must present a written request to the Dean of Men or the Dean of Women within one week after their return to classes. Absences on the two days before and after stated holidays count double.

In case of excessive absences, academic credits will be added to the number required for graduation on the basis of one-third credit for each unexcused absence in excess of the unpenalized number of absences, which number is the same as the number of semester hours represented by the course. If the fractional deductions exceed one half-hour, they will be counted as a full hour.

serious accidents, the fact that students owning cars are frequently imposed on by their fellow students, the temptation to waste time, with consequent deterioration of grades, are the chief reasons, learned by experience, for this attitude. Application for permission to have cars should be addressed to the Dean of Men or the Dean of Women and sent at least two weeks prior to the opening of the session, so that there may be time to act on the request and notify the student before he leaves home. Students may be permitted to have cars only upon the fulfillment of the following conditions:

1. Written request by parents or guardians.
2. Complete exoneration, in writing, of the college from all responsibility or liability for any accident or unfortunate incident arising from the possession and use of the car.
3. Students must have driver's licenses, and must not permit anyone without a driver's license in his possession to operate their cars at any time.
4. The privilege of keeping a car on or near the campus may be taken away from any student who incurs disciplinary action of any kind, including probation for poor scholarship.

A mimeographed "Agreement" which includes these conditions has been prepared by the college and may be obtained from the Dean of Men or the Dean of Women. One of these "Agreements," signed by the students' parents or guardian, must accompany any request by a boarding student for permission to keep a car on the campus. Such permission is not available, however, to freshman women students.

Resident students receiving financial aid from the college are not permitted to maintain a car on the campus except under extraordinary circumstances specifically approved by the Committee on Admissions and Student Aid.

PARKING OF CARS

The college has provided parking areas north of the Science Building and Palmer Hall, as well as east of Burrow Library. Parking of cars on the driveways or at random on the college grounds, particularly south of Palmer Hall, is prohibited.

SOCIAL FUNCTIONS

Complete regulations governing student social functions may be obtained from the office of the Dean of Women, and should be examined in advance before any social function is arranged. The calendar of social events for all student groups is prepared by the Student Commissioner of Social Activities, in cooperation with the office of the Dean of Women, and is presented to the Student Welfare Committee at the beginning of each semester for study, amendment, approval, or rejection. No social functions of any kind may be held on Sunday, nor extended past midnight on Saturday.

STUDENT AGREEMENTS

No agreement of students with individuals or organizations, such as students or officers of another institution, or business concerns, will be recognized as binding upon the college unless and until approved by the Committee on Administration or the Comptroller. This provision does not apply to those matters concerning the publications which are properly safeguarded by the Publications Board.

NEW ORGANIZATIONS

Students desiring to form any new organization must apply in writing for permission to the Committee on Administration, and should state clearly the aims and the membership of the proposed group. Any local group wishing to become affiliated with a national organization must make similar application. In order to be recognized as college organizations, all groups, whatever their purpose may be, must have the official sanction of this committee.

CHAPTER V

EXTRA-CURRICULAR STUDENT ACTIVITIES

SOUTHWESTERN offers excellent opportunities for participation in various forms of extra-curricular activities. The experience gained in these activities, athletic, social, journalistic, dramatic, musical, honorary, and the like, is a valuable part of one's preparation for living. Both the administration and faculty encourage and support all desirable student enterprises of this nature. A number of the organizations active in **SOUTHWESTERN** are listed below.

STUDENT GOVERNMENT

The Student Council is the legislative body of the student government, and it operates under a constitution approved by the faculty and administration. The president, vice-president, and secretary-treasurer of the Student Council, who comprise the executive branch of the student government, are all elected by the student body. Besides these three officers, six commissioners, the Commissioner of Publications, the Commissioner of Social Activities, the Commissioner of Athletics, the Commissioner of Religious Activities, the Commissioner of Undergraduate Women, the Commissioner of Education, and two representatives of each of the four classes complete the membership of the Council.

The chief functions of the Student Council are to consider matters pertaining to the welfare of the student body and to promote student body projects; to serve as a liaison agency between faculty and administration and students, chiefly through membership in various committees of faculty and students; and to conduct all student elections.

THE HONOR COUNCIL

The students of **SOUTHWESTERN** maintain the honor system and assume responsibility for the honorable conduct of all academic tests and examinations, and other phases of campus life. They elect an Honor Council, which is composed of representatives from each of the four classes. In cases of alleged dishonesty this Council acts as a court, and a student found guilty by it is disciplined, the punishment being determined by the nature of the offense, but usually consisting of suspension from the college. Either the defendant, the accuser, or two or more members of the Council may appeal the Council's decision to a specially designated committee of the faculty. This faculty committee may, at its discretion, remand the case to the Council for retrial, after which the action of the Council is considered final. Every entering student is expected at the time of his matriculation to sign a pledge promising to uphold the honor system and accepting the jurisdiction of the Honor Council as described in the published honor code.

THE ELECTIONS COMMISSION

The function of this commission, composed of representatives of the fraternities and sororities and the non-fraternity and non-sorority groups, is to insure fair elections, to supervise balloting, and to penalize individuals or organizations detected in unfair practices in any matters pertaining to student elections.

STUDENT PUBLICATIONS

All student publications are controlled by the Publications Board, which is composed of a president and representatives of each of the four classes, all elected by the student body, and three representatives from the faculty appointed by the president of the college. The Publications Board appoints editors and business managers of the various publications, who are responsible to the Board, not only in all financial matters, but also for the proper conduct of the publications. The Board has power to replace editors and business managers who fail to perform their duties properly. The *Sou'wester* is the student newspaper, and the *Lynx* is the college annual. *Stylus* is a literary publication sponsored by the Stylus Club. No student may solicit advertising in the name of the college for any publication without the Board's approval.

RELIGIOUS ACTIVITIES

The student religious program at SOUTHWESTERN is designed to offer each student an opportunity for the fullest development of his religious faith through denominational as well as interdenominational activities. Although SOUTHWESTERN is a college of the Presbyterian Church, U.S., the program is projected on the conviction that it is wholesome for students of different religious affiliations to learn and to worship together. The Presbyterian Westminster Fellowship, the Baptist Student Union, the Episcopal Canterbury Club, and the Methodist Student Movement are campus organizations the individual activities of which are guided by adult advisors from each denomination. In addition to these separate activities of denominational groups a full campus-wide interdenominational program is directed by the Protestant Religious Council, composed of representatives from the denominational groups. Such activities as the special periods of religious evaluation each semester, formal vesper services, residence hall prayer services, forums, and selected service projects are among those sponsored by this Council.

THE SOCIAL FRATERNITIES AND SORORITIES

Six national fraternities and five national sororities have active chapters at SOUTHWESTERN. The fraternities, listed in order of their establishment here, are as follows: Pi Kappa Alpha, Alpha Tau Omega, Sigma Alpha Epsilon, Kappa Sigma, Kappa Alpha, and Sigma Nu. The sororities, similarly listed in order of establishment at SOUTHWESTERN, include the following: Chi Omega, Kappa Delta,

Alpha Omicron Pi, Zeta Tau Alpha, and Delta Delta Delta. These national fraternities and sororities have attractive lodges on the campus.

To be eligible for initiation a pledge must have passed a minimum of twelve hours at SOUTHWESTERN with a grade-point average of 1.75 or better in the preceding semester. Written certification by the Registrar and the Comptroller that the student has met the scholarship requirements and has settled all college accounts is necessary for initiation.

The Interfraternity Council for the fraternities and the Panhellenic Council for the sororities, made up of two representatives from each of the groups, in cooperation with the Dean of Men and the Dean of Women, are in charge of the social activities of the groups and all matters of interfraternity relations.

Two honor societies, Pi and S.T.A.B., whose purpose is to promote friendly relations among sororities, have chapters at SOUTHWESTERN.

HONORARY SOCIETIES

The SOUTHWESTERN Chapter of Phi Beta Kappa Society is the Gamma of Tennessee. Students are elected to Phi Beta Kappa by the faculty members of the chapter chiefly on the basis of outstanding academic achievement. Students are eligible for election at the middle of their senior year on the basis of seven semesters' work at SOUTHWESTERN, or at the end of their senior year on the basis of eight semesters' work at SOUTHWESTERN. Students graduating from SOUTHWESTERN who have transferred from other colleges may be elected on the basis of at least four semesters at SOUTHWESTERN and grades of comparable quality at the colleges previously attended.

Omicron Delta Kappa, Phi Chapter, was established at SOUTHWESTERN in 1927. The purpose of this national organization is to recognize leadership in college activities and to undertake various activities for the good of the college. Student members are chosen from the junior and senior classes, and not more than three per cent of the men students may be elected to membership. Members must have distinguished themselves in such activities as scholarship, athletics, and publication.

Torch Society, the senior women's honorary organization, was established at SOUTHWESTERN in 1937. The purpose of this society is to grant recognition to the women who have attained a high standard of scholarship or of leadership in campus activities. Invitation to membership in this group of representative women students is extended on the basis of character, scholarship, and activity points. Only those in the upper twenty-five per cent of the junior class in scholastic rating are eligible.

The Stylus Club was organized in 1920 by a group of students and faculty members for the purpose of stimulating original literary composition and interest in contemporary literature. The Club is made up of both men and women who have shown ability in writing

meetings

Alpha Iota Chapter, was absorbing the SOUTHWESTERN interested in the various dramatic and experience are offered to the members, staging, lighting, and make-up. Expert by the department of speech and dramatics. A staged each year.

Eta Phi scientific fraternity, Tau Chapter, was established at SOUTHWESTERN in 1935. Membership in this organization consists of students majoring in laboratory science and mathematics who have completed not less than twenty semester hours of work in laboratory science with a high average. At regular meetings, lectures and demonstrations by members of the group or by specially invited speakers are presented, and interested visitors may attend. The chief purpose of the organization is to stimulate interest in the study of the sciences.

The Pi Kappa Lambda honorary music fraternity was established at SOUTHWESTERN in the spring of 1949. It recognizes outstanding achievement in music and may elect not over twenty per cent of the senior class.

Eta Sigma Phi, national classical languages fraternity, was established at SOUTHWESTERN in 1952. The purpose of this fraternity is to promote interest in all aspects of Greek and Roman literature, art, and life. Those who have at least a B average in advanced courses in either Greek or Latin are eligible for membership.

Psi Chi, the national honorary psychology fraternity, was established at SOUTHWESTERN in 1952. Its purpose is to stimulate further interest in psychology by affording its members contact with psychology as a profession. Membership in this fraternity, which is affiliated with the American Psychological Association, is by invitation and is limited to psychology majors with at least a B average.

MUSICAL ORGANIZATIONS

The SOUTHWESTERN Singers compose an *a cappella* choir organized and directed by the Director of Music. It presents the highest type of choir music of all periods from the fifteenth to the twentieth centuries. Besides leading the singing for convocations and giving special programs at the four formal vesper services of the session, the choir makes frequent appearances before various city groups and undertakes annual concert tours in Tennessee and neighboring states.

The SOUTHWESTERN Orchestra serves to give the students ensemble practice and features student soloists. It also cooperates with the choir in presenting important choral works.

DEPARTMENTAL CLUBS

The French Club at SOUTHWESTERN, named *Sans Souci*, consists of a group of students who meet regularly for the purpose of increasing their experience in spoken French and their knowledge of French civilization. Cultural and musical programs and social activities are featured. Membership in the Club is open to students in or above second year French.

The German Club (*Der Deutsche Verein*) endeavors to promote interest in German life and civilization, and offers experience outside the classroom in hearing and speaking the language. Cultural and musical programs and social activities are featured. Membership is open to students in or above second semester German.

The Spanish Club is maintained to promote interest in the life, art, and literature of the Spanish world, and to provide special occasions for hearing and speaking the language. Its programs include social activities, dramatic performances, lectures, and informal discussions. The Club is open for membership to all students in intermediate and advanced classes in Spanish.

The Psychology Club, organized in 1947, has as its purpose to stimulate interest in psychology and to organize and promote the giving of lectures and demonstrations in the field of psychology. Any student majoring in psychology may join, as well as others invited to membership by the group. Program talks are featured at the meetings, and field excursions are made to various centers of psychological and psychiatric research in the Memphis vicinity.

OTHER ORGANIZATIONS

The Women's Athletic Association is composed of student representatives from the six athletic organizations for women on the campus. This association arranges and directs the intramural sports program for women and presents prizes to the winners in the tournaments. It also selects from the participants an all-star team for each activity, and when a woman student has achieved the required number of points she is made a member of PAN-OLYMPICS, the honorary organization for outstanding women athletes. As a member of PAN-OLYMPICS she is awarded a blazer.

The "S" Club is the athletic organization on the campus which serves the purpose of bringing together all men who have won letters in athletics at SOUTHWESTERN.

SOUTHWESTERN is a corporate member of the American Association of University Women. It is on the approved list of this organization, which qualifies its women graduates holding the B.A. or B.S. degree for A.A.U.W. membership.

CHAPTER VI

COURSES OF INSTRUCTION

ART

Requirements for a major in Art:

- (1) Eighteen hours of studio courses, including Art 41 and 42.
- (2) Art 23, 33-34.
- (3) Six semester hours from: English 32, Greek 29, Latin 30, Music 32, Sociology 33, Speech 23.

1-2 ART SURVEY. This course offers a partial option of studio work or research problems. One lecture hour in addition to two hours of either studio or research. *Both semesters, one credit a semester.*

3 ART SURVEY. A continuation of Art 1-2. *Either semester, one credit.*

21-22 ART STRUCTURE. Introduction to the basic materials of the visual artist. Oil painting, drawing, and clay modeling. Analysis of traditional and contemporary styles through study of slides and other visual materials. Open to all students, *three credits a semester.*

23. AESTHETICS. A study of aesthetic experience and the place of art in culture: Same as Philosophy 23. *First semester, three credits.*

31-32. INTERMEDIATE STUDIO PROBLEMS. A studio course in individual problems in two and three-dimensional design. Emphasis on structural and aesthetic use of color. Analysis of painting, sculpture, and the useful arts. Prerequisite: Art 21-22. *Both semesters, three credits a semester.*

33-34. HISTORY AND ANALYSIS. An historical and philosophic examination of the major styles in the visual arts. *Both semesters, three credits a semester.*

41-42. ADVANCED STUDIO PROBLEMS. Individual creative problems undertaken with the approval of the art staff. Open only to art majors. *Both semesters, three credits a semester.*

TUTORIAL COURSE

125-126. STUDIO PROBLEMS. A course for honor students only, and a necessary component of the honors program. *Both semesters, three credits a semester.*

BIBLE AND RELIGION

THE EDWIN SUMMERS HILLIARD DEPARTMENT OF BIBLE AND RELIGION

1. Requirements for a major in Bible:

- (1) Bible 1-2 or 3-4; 51-52; choice of six hours from 31, 32, 33, 34.
- (2) Nine additional semester hours selected from advanced courses in Bible and Religion.
- (3) Philosophy 21-22 and Psychology 21-22.

2. Requirements for a major in Christian Education:

- (1) Bible 1-2 or 3-4; 51-52; choice of six hours from 31, 32, 33, 34.
- (2) Religion 45-46; three additional semester hours selected from advanced courses in Bible and Religion.
- (3) Philosophy 21-22; Psychology 21 and 35.

NOTE: A major in Christian Education may be combined with one in Church Music, leading to the B. M. degree. For details see page 113.

1. **THE OLD TESTAMENT.** A study of the history and religion of the Hebrew people as given in the Old Testament. The contemporary peoples with whom Israel came into contact are also studied. The distinctive elements in Hebrew thought and religion, and their place in the formation of the Hebrew-Christian tradition are emphasized. The purpose of this course is to develop an appreciative understanding of the religious values of the Old Testament. Required of all freshmen and of transfers who have not satisfied the Old Testament requirements. Bible 3-4 may be elected instead of Bible 1-2. *First semester, three hours a week.*

2. **THE NEW TESTAMENT.** A study of the gospels, the book of Acts, and other New Testament writings, and a presentation of the early environment of the church. The purpose of this course is to develop an appreciative understanding of the religious values of the New Testament. Bible 3-4 may be elected instead of Bible 1-2. *Second semester, three hours a week.*

3-4. **MAN IN THE LIGHT OF HISTORY AND RELIGION.** A study of the origin and development of Christianity and its role in world affairs, integrated with a study of the history of Western civilization. A joint course given by professors from the departments of Bible, History, and Philosophy. Three credits in Bible and three in History each semester. Book fee of \$5.00 per semester. The same as History 3-4. Further details on page 105. Elective for freshmen. *Both semesters, six hours a week, six credits a semester.*

31. **THE PROPHETS AND THEIR MESSAGES.** A study of the prophets of Israel, particularly as to their method, their relation to their day, their messages for all times, and their relation to Christ. (Offered in alternate years.) *First semester 1960-61, three hours a week.*

32. **THE GOSPELS.** A study of the gospel records as basis for understanding the life and teachings of Christ. (Offered in alternate years.) *Second semester 1960-61, three hours a week.*

33. **THE EPISTLES.** A literary, historical, and theological study of representative epistles of the New Testament. (Offered in alternate years.) *First semester, three hours a week.*

34. **APOCALYPTIC LITERATURE.** A study of the methods, purposes, and theology of apocalyptic literature. Canonical and extra-canonical materials examined, with principal attention given to the book of Revelation. (Offered in alternate years.) *Second semester, three hours a week.*

41, 42. **CHURCH HISTORY.** A history of Christianity in the western world. *First semester, from the first century to the sixteenth; second semester, from the Protestant Reformation to the present. (Offered in alternate years.) Both semesters, three hours a week.*

43. **WORLD'S LIVING RELIGIONS.** A systematic study of the major religions of the contemporary world. (Offered in alternate years.) *First semester 1960-61, three hours a week.*

44. **CHRISTIAN THOUGHT.** A survey of the development of Christian thought by a study of the works of representative leaders. (Offered in alternate years.) *Second semester 1960-61, three hours a week.*

45-46. **CHRISTIAN EDUCATION.** A study of the basic aims, principles and methods of Christian education in the local church. Field work is required both semesters. Open to juniors and seniors. Required of all majors in Christian Education. (Offered in alternate years.) *Both semesters, three hours a week.*

51-52 **PHILOSOPHY OF RELIGION AND CHRISTIAN ETHICS.** An introduction to the philosophy of religion, the thought of Christian theologians, and the ethical formulations of Biblical and post-Biblical writers of the Christian community. Major considerations include: the nature and knowledge of God; the meaning of revelation; the nature of man; the nature and function of the church; personal and social morality. Same as Philosophy 51-52. Required of seniors and open to students having 86 credit hours. *Both semesters, three hours a week. Book fee \$2.50.*

TUTORIAL COURSES

105-106. INTENSIVE BIBLE STUDY. A Biblical topic will be selected for intensive study. *Both semesters, three credits a semester.*

107-108. INTENSIVE STUDY OF RELIGION. A major problem or thinker in the field of religion will be selected for intensive study. (Offered in 1960-61.) *Both semesters, three credits a semester.*

119-120. STAFF SEMINAR. Conducted by the staff of religion and philosophy with joint participation of students admitted by departmental permission. Two-hour bi-weekly discussions. *Both semesters, one credit a semester.*

125-126. SENIOR TUTORIAL. For students majoring in this department who are candidates for a degree with honors. The content of this course will be fixed after consultation with each student and in accord with his particular needs. (Offered by arrangement.) *Both semesters, three credits a semester.*

BIOLOGY

Requirements for a major in Biology leading to the B.A. degree:

- (1) Biology 1-2, 21-22, and three semesters of advanced biology.
- (2) One year of Chemistry.

Requirements for a major in Biology leading to the B. S. degree:

- (1) Biology 1-2, 21-22 and four semesters of advanced biology.
- (2) Two years of another laboratory science, or one year in each of two sciences.

Note: All laboratory courses in this department require a fee of \$10.00 and a breakage deposit of \$5.00 per semester. The cost of a student's breakage may exceed the amount of the deposit, or there may be a balance at the end of the semester, which is refunded.

1-2. GENERAL BIOLOGY. A study of the structure and functions of living organisms, and the laws which govern protoplasm. An introductory course treating fundamental principles of both botany and zoölogy. Strong emphasis is laid on the study by the laboratory method of the structure of representative types of plants and animals. Three lectures and not less than three hours of laboratory work a week. *Both semesters, four credits a semester.*

21. VERTEBRATE EMBRYOLOGY. A study of the origin and development of the vertebrate individual, with a consideration of differentiation. The embryology of the frog, chick, and pig is studied in detail in the laboratory. Two lectures and not less than six hours of laboratory work a week. Prerequisite, Biology 1-2. *First semester, four credits.*

22. COMPARATIVE VERTEBRATE ANATOMY. Classification, structure, and comparison of the morphology of typical vertebrates, beginning with amphioxus and concluding with a dissection of some mammal. Careful dissection and study of a number of animals in the laboratory give practice in anatomical technique. Two lectures and at least six hours of laboratory a week. Prerequisite, Biology 1-2. *Second Semester, four credits.*

24. PHYSIOLOGY. A study of the functional aspects of living organisms. The physico-chemical structure of protoplasm and its relation to vital phenomena in higher animals are stressed. Prerequisite: one year of biology. Three lectures and not less than three hours of laboratory a week. *Second semester, four credits.*

31. MICROBIOLOGY. A lecture-laboratory course acquainting the student with the basic principles of microbiology and their application to agriculture, industry, and the home. It deals with algae, molds, bacteria, yeasts, protozoa, and worms as these affect the lives of plants, animals, and men. *First semester, four credits.*

33. **GENERAL CYTOLOGY.** Cellular morphology, behavior, physiology and biochemistry by consideration of cellular components, and the relation of these data to inheritance and evolution. Laboratory includes training and practice in the preparation of tissue for microscopic study. Two lectures and not less than six hours of laboratory work a week. Prerequisite: one year in biology. (Offered in alternate years, not offered in 1960-61). *First semester, four credits.*

34. **GENETICS.** A study of heredity mechanisms and an analysis of the principles and laws underlying the action of biological influences. Human heredity and eugenics are considered. Two lectures and not less than six hours of laboratory work a week. (Offered in alternate years, not offered in 1960-61). *Second semester, four credits.*

36. **PLANT MORPHOLOGY.** A phylogenetic study of plants from the simpler to the more complex specialized forms. Comparison of plants through the ages, living and fossil relationships, emphasizing development and reproduction of the plant body. Prerequisite, one year in biology. Three lectures and not less than three hours of laboratory work a week. (Offered in alternate years, not offered in 1960-61). *Second semester, four credits.*

38. **ECOLOGY.** Studies are made of the kinds of animals and plants making up the various types of communities in the ever-changing landscape and the specific roles their metabolic activities play in this relationship. A study of the natural history, conservation and wildlife management from the standpoint of scientific analysis. Two lectures and six hours of laboratory work a week. (Offered in alternate years, offered in 1960-61). *Second semester, four credits.*

TUTORIAL COURSES

125-126. **SENIOR TUTORIAL.** This course is restricted to students majoring in the department. The content will be fixed after consultation with each student and in accord with his particular needs. Original research may be included for those who wish special training for graduate study. *Both semesters, three credits a semester.*

132. **THE TEACHING OF HIGH SCHOOL BIOLOGY.** (See Education 132.) A study of the methods and materials of classroom and laboratory instruction in high school biology. *First semester, three credits.*

CHEMISTRY

Requirements for a major in Chemistry leading to the B.A. degree:

- (1) Chemistry 11-12, 14L, 21-22, 31-32, 31L-32L, and 41, 41L.
- (2) Physics 1-2.
- (3) Mathematics 11, 12.

Requirements for a major in Chemistry leading to the B.S. degree:

- (1) Chemistry 11-12, 14L, 21-22, 31-32, 31L-32L, 41-42, 41L-42L, and two one-semester courses chosen from Chemistry 45, 46, 47, and 48.
- (2) Physics 1-2.
- (3) Biology 1-2 or two semesters selected from Physics 23, 24, 25, 26, 42.
- (4) Mathematics 17, 18, 25, 26.
- (5) A reading knowledge of German is required.

All laboratory courses in this department require a fee of \$10.00 and a breakage deposit of \$5.00 per semester. The cost of a student's breakage may exceed the amount of the deposit, or there may be a balance at the end of the semester, which is refunded.

For students planning to continue their study in graduate school or to enter industrial work after graduation, the department offers the course prescribed and recommended for the professional training of chemists by the American Chemical Society.

The following program of courses has been outlined for the guidance of students planning to obtain a B.S. degree with a major in chemistry.

FRESHMAN YEAR	SOPHOMORE YEAR
Chemistry 11-12, 14L	Chemistry 21-22
English 1-2	Mathematics 25, 26
Mathematics 17, 18	German 1-2
*Bible 1-2 or Bible 3-4	English 21-22
Physical education	Physics 1-2
	Physical education
JUNIOR YEAR	SENIOR YEAR
Chemistry 31-32, 31L-32L	Chemistry 41-42, 41L-42L
Biology 1-2 or Physics 23-24	Advanced Chemistry, 2 semesters
or 25-26 or 27-42	Bible 51-52
German 21-22	Elective
Elective	

*If Bible 1-2 is elected, an additional course should be taken, preferably History 1-2.

NOTE: The laboratory periods referred to in the following courses indicate an afternoon period of at least three hours.

1-2. GENERAL CHEMISTRY. A study of some of the principles, history, philosophy, and social implications of chemistry. For those students who expect to take only one course in the field of chemistry. Three lectures and one laboratory period per week. *Both semesters, four credits a semester.*

11. INORGANIC CHEMISTRY. A study of the fundamental principles of chemistry; the occurrence, preparation, and properties of some of the elements. Courses 11, 12, and 12L or 14L are prerequisite to all advanced courses in the department. Three lectures and one laboratory period a week. *First semester, four credits.*

12. INORGANIC CHEMISTRY. A continuation of Chemistry 11. The preparation, properties, and uses of many compounds. Reactions applicable to qualitative analysis. (Must be accompanied by either Chemistry 12L or Chemistry 14L.) *Second semester, three credits.*

CHEMISTRY 12L. INORGANIC CHEMISTRY LABORATORY. A systematic scheme used in the separation and identification of a select group of cations. The sequence of Chemistry 11 and Chemistry 12-12L fulfills the inorganic chemistry requirements of the pre-medical, pre-dental, and pre-pharmacy curricula. One laboratory period a week. *Second semester, one credit.*

CHEMISTRY 14L. QUALITATIVE ANALYSIS. A systematic scheme used in the separation and identification of the more common cations. Recommended for all chemistry majors and chemical engineers. Two laboratory periods a week. *Second semester, two credits.*

21-22. QUANTITATIVE ANALYSIS. The application of chemical equilibria and stoichiometry to analytical problems. Gravimetric and volumetric methods with an introduction to instrumental analysis. Two lectures and two laboratory periods a week. *Both semesters, four credits a semester.*

31-32. INTRODUCTORY ORGANIC CHEMISTRY. A general survey of elementary theory, preparation, reactions, and properties of the compounds of carbon, both aliphatic and aromatic, containing the most important functional groups. The laboratory work which must accompany this course is offered in course 31L-32L. Three lectures a week. *Both semesters, three credits per semester.*

31L-32L. ORGANIC CHEMISTRY LABORATORY. This laboratory course must accompany Chemistry 31-32. Emphasis is placed on synthesis and the common laboratory techniques encountered in organic chemistry. Two laboratory periods a week. *Both semesters, two credits a semester.*

38. **BIOCHEMISTRY.** A survey of the chemistry of carbohydrates, fats, and proteins and their relation to metabolic processes in living organisms. Enzyme reactions. Three lectures and one laboratory period a week. Prerequisites, Chemistry 21 and 31. *Second semester, four credits.*

41-42. **PHYSICAL CHEMISTRY.** The application of physical methods to the study of chemical phenomena. Three lectures a week. Prerequisites, Chemistry 21-22, Physics 1-2, and Mathematics 25, 26. *Both semesters, three credits a semester.*

41L-42L. **PHYSICAL CHEMISTRY LABORATORY.** Physico-chemical measurements applied to the fundamental principles and problems of chemistry. Two laboratory periods a week. *Both semesters, two credits a semester.*

45. **ADVANCED ORGANIC CHEMISTRY.** A detailed treatment of some modern theories and the practice of synthetic organic chemistry, including an introduction to the use of the chemical literature. Two lectures and two laboratory periods a week. Prerequisite, Chemistry 31-32. *First semester, four credits.*

46. **QUALITATIVE ORGANIC ANALYSIS.** The systematic identification of organic compounds, in the pure state and in mixtures, from a study of their properties and reactions. Two lectures and two laboratory periods a week. Prerequisite, Chemistry 31-32. (Offered in alternate years, not offered in 1960-61.) *Second semester, four credits.*

47. **ADVANCED ANALYTICAL CHEMISTRY.** Principles and practice of instrumental methods such as colorimetry, spectroscopy, electrodeposition, conductometric and potentiometric procedures, polarography and chromatography. Two lectures and two laboratory periods a week. (Not offered in 1960-61.) *First semester, four credits.*

48. **ADVANCED INORGANIC CHEMISTRY.** A systematic course in inorganic chemistry with special emphasis on structures, properties, and preparations of various types of inorganic compounds. Prerequisites: Chemistry 21 and Chemistry 31. Three lectures a week. *Second semester, three credits.*

51-52. **INTRODUCTION TO RESEARCH.** Properly qualified students are encouraged to undertake an original investigation of some problem in chemistry—usually related to research being carried on by members of the department. A creditable thesis must be presented at the end of the year. Regular seminars are held for discussion of recent developments in the field of chemistry. Excellent library and laboratory facilities are available. *Both semesters, three credits a semester.*

TUTORIAL COURSE

132. **THE TEACHING OF PHYSICAL SCIENCES.** (See Education 132.) A study of the methods and materials of classroom and laboratory instruction in high school chemistry and physics. *First semester, three credits.*

ECONOMICS AND BUSINESS ADMINISTRATION

Requirements for a major:

- (1) Economics 3-4, 21, 22, 27, and 33.
- (2) Twelve hours of approved electives.

ECONOMICS

3-4. **ECONOMIC PRINCIPLES AND PROBLEMS.** The topics covered include principles and problems of production, business organizations and combinations, value, exchange, prices, money and credit, banking, business cycles, labor problems, programs of social reform, industrial mobilization, and economic factors vital to our national security. Designed to convey a knowledge of economic principles and their application to current problems. Prerequisite to all

advanced courses in this department. This course is primarily for sophomores, but is open also to freshmen approved by the chairman of the department. *Both semesters, three hours a week.*

21. **MONEY AND BANKING.** An analysis of the relationship between money and the volume of economic activity, commercial and non-commercial banking, credit control under the Federal Reserve and treasury instruments, objectives of monetary policy, and international financial relations. *First semester, three hours a week.*

22. **PUBLIC FINANCE.** The history of governmental financing, economic effects of public expenditures, requisites of a sound tax system, general property tax, corporation taxes, income, estate, and inheritance taxes, war taxes, incidence of taxation, forms of governmental credit, problems of the public debt, and budgeting. *Second semester, three hours a week.*

23. **SOCIAL CONTROL OF BUSINESS.** A study in political economy, designed to introduce the student to the complex problems arising from interrelationships of government and economic life. The course is directed toward developing the necessary background for citizens and businessmen to evaluate matters of public policy. *First semester, three hours a week.*

24. **CONTEMPORARY ECONOMIC PROBLEMS.** This course is designed to analyze both functional and structural problems of the American economy. *Second semester, three hours a week.*

25. **COMPARATIVE ECONOMIC SYSTEMS.** An analysis of the strength and weaknesses of capitalism, the Marxian theory of socialism and communism, fascism in Italy and Germany, the consumers' cooperative movements, British socialism and the economy of the Soviet Union. *Second semester, three hours a week.*

27. **LABOR PROBLEMS.** Problem of job and social insecurity, hours, wages, industrial environment, industrial conflict, employee representation, collective bargaining, union structure, employers' associations, personnel management, laws relating to the settlement of industrial disputes, present legal status of union activities. *First semester, three hours a week.*

33. **STATISTICS.** Classification, tabulation, and graphic representation of statistical data; averages, dispersion, correlation, spatial and time series, trends, increments and rates of change, periodic movements, index numbers, nature of statistical results. A laboratory fee of \$5.00. Prerequisite, Mathematics 11. *First semester, three hours a week.*

37. **INTERNATIONAL ECONOMICS: THEORY AND PRACTICE.** The principles and practice of international trade; free trade and protection; international monetary problems; institutional means of international cooperation and stability. The same as International Studies 37. *First semester, three hours a week.*

38. **INTERNATIONAL ECONOMICS: UNITED STATES ECONOMIC FOREIGN POLICY.** Policy aspects of international trade; international economic policy in the inter-war period; United States economic foreign policy from 1922 to the present, including consideration of the Reciprocal Trade Program, economic planning for the peace; the Marshall Plan; the General Agreement on Tariffs and Trade; the problems of under-developed areas. The same as International Studies 38. *Second semester, three hours a week.*

BUSINESS ADMINISTRATION

31-32. **MANAGERIAL ACCOUNTING.** Designed primarily for people who will make use of accounting statements as managers and economists, but provides the equivalent of elementary accounting for those who wish further training in accounting. A laboratory fee of \$5.00 each semester. *Both semesters, three hours a week.*

36. **BUSINESS LAW.** The legal rules governing the more familiar business transactions and relations. Textbook discussion is supplemented by a study of selected cases in contracts, negotiable instruments, sales agency, partnerships, and corporations. Prerequisite, Economics 3-4 or Political Science 21-22. *Second semester, three hours a week.*

40. **MARKETING.** A study of general problems and methods of marketing agricultural and manufactured products; the functions of manufacturer, wholesaler, jobber, retailer; selling agencies; physical distribution; standardization of products; marketing costs. *First semester, three hours a week.*

41. **CORPORATION FINANCE.** A study of the corporate structure, instruments of corporation finance, promotion, capitalization, sale and regulation of securities, income and working capital, expansion, failure and reorganization. *First semester, three hours a week.*

42. **INVESTMENT ANALYSIS.** Distinction between investment and speculation, specific standards for bond investment, technique of selection of preferred stocks for investment, senior securities with speculative features, theory of common stock investment, the earnings factor in common-stock valuation, balance sheet analysis, comparative analysis of companies in the same field. *Second semester, three hours a week.*

44. **INDUSTRIAL MANAGEMENT.** A study of the development of modern management, plant location, production control, maintenance of plant and equipment, personnel administration, office management, cost and budgeting control. *Second semester, three hours a week.*

TUTORIAL COURSES

106. **BUSINESS CYCLES.** A study of originating and generating causes, typical cycle patterns, the influence of wage and price policies during depressions, special features of recent cycles, the effects of war upon business, the meaning and requirements of balance. *Either semester, three credits.*

107. **ECONOMIC THEORY.** A detailed study of the theory of the price system as a regulator of economic activity. Sufficient attention is given to the tools of economic analysis to provide background for graduate study. *Either semester, three credits.*

108. **PERSONNEL ADMINISTRATION.** Reading of current literature dealing with the personnel department, human factors in industry, the factory as a social system, wage policies, selection and training of supervisors, personnel counseling, minority groups in industry and problems of cooperation. Prerequisite, Economics 27. *Either semester, three credits.*

109. **NATIONAL INCOME ANALYSIS AND THEORY.** A study of the determinants of national income, its fluctuation and growth. Contemporary theories are analyzed in connection with the causes and control of economic growth and fluctuations. *Either semester, three credits.*

110. **HISTORY OF ECONOMIC THOUGHT AND THEORY.** A study of the basic concepts of economic thought, with emphasis upon the contributions of the classical school of British economists, the Austrian school, the neoclassical group, and the institutionalists. Review and appraisal of Keynesian economics. *Either semester, three credits.*

115. **ACCOUNTING PROBLEMS.** Selected problem areas in accounting considered at the intermediate level. Topics selected will depend upon student need. Prerequisite, Accounting 31-32. *Either semester, three credits.*

125-126. **SENIOR TUTORIAL.** For students majoring in the department. The content of this course will be fixed after consultation with each student and in accord with his particular needs. *Both semesters, three credits a semester.*

EDUCATION

NO MAJOR OFFERED

24. **EDUCATIONAL PSYCHOLOGY.** The application of psychological principles to the technique and economy of the teaching-learning process. Emphasis is placed on the native equipment of the child, on individual differences of ability, growth, and development, and on demonstrations and experiments dealing with the learning process. A fee of \$3.00. The same as Psychology 24. Prerequisite, Psychology 21. *Second semester, three credits.*

27. **INTRODUCTION TO EDUCATION.** A survey of current educational practices, with emphasis on objectives, organization, finance, teacher education, guidance, and other problems related to the selection and preparation of teachers. *First semester, three credits.*

31. **PRINCIPLES OF SECONDARY EDUCATION.** The philosophy and objectives of secondary education as these relate to current teaching practices and problems, with emphasis on democratic educational theory as the basis of American secondary education. *First semester, three credits.*

32. **THE CURRICULUM AND MATERIALS OF SECONDARY EDUCATION.** The nature and content and the selection, organization, and presentation of subject matter and materials. Emphasis is given to the organization of course materials to meet both individual and group needs. This course follows logically Education 31. *Second semester, three credits.*

43. **HISTORICAL AND SOCIAL FOUNDATIONS OF AMERICAN EDUCATION.** The history of education from the earliest times to the present, with emphasis on those ideas, institutions, and reform movements which have influenced American education. The social and intellectual foundations of education which reveal the school as an agency of social welfare. *First semester, three credits.*

44. **THE DEVELOPMENT OF EDUCATIONAL THEORY.** A study of the chief classics in educational theory, and the way in which educational ideas and reform movements have shaped American institutions. *Second semester, three credits.*

51-52. **PRACTICE TEACHING.** Through arrangement with schools in the vicinity, SOUTHWESTERN students are permitted to do practice teaching at either the elementary or secondary level. Each student selects the one or two subjects he is preparing to teach, observes the regular teacher for a few weeks, and then takes over the management of the class under supervision. Throughout the year seminars are held weekly to discuss special problems. Prerequisites, senior standing and permission of the instructor to enroll in the course. A participation fee of \$20.00 per semester. *Both semesters, three credits a semester.*

TUTORIAL COURSE

132. **TEACHING THE HIGH SCHOOL SUBJECTS:** (Biology 132, Chemistry 132, English 132, French 132, History 132, Latin 132, Mathematics 132, Physics 132, Spanish 132). These courses in materials and methods are offered for students who are planning to teach. In the department of music various courses of this kind are given. The courses are listed and described in the departments concerned and require course examinations, since this material is not included in the comprehensive examinations. Credit earned in one of these courses may be counted in its department or in the department of education. *Three credits a semester in each course, except in music courses.*

ENGLISH

Requirements for a major in English:

(1) English 21-22; twenty-four additional semester hours from English electives.

(2) History 23-24.

1. COMPOSITION. Drill in the process of communication. Study and frequent exercises in the skills of writing, reading, speaking, and understanding. The writing of various types of expository themes. The study of the research paper. Periodic conferences. Required of all freshmen. *First semester, three hours a week.*

2. COMPOSITION AND READING. A continuation of English 1. Frequent themes and conferences. Readings and analyses of the types of literature. Outside readings and written reports. *Second semester, three hours a week.*

11-12. COMPOSITION FOR ADVANCED FRESHMEN. For students who show special interest and superior ability in English. Reading and critical analysis of chosen types of literature; writing of themes. *Both semesters, three hours a week.*

21-22. MASTERPIECES OF ENGLISH LITERATURE. A study of the chief periods and movements in English literature, and of the greatest authors, such as Chaucer, Spenser, Shakespeare, Milton. In addition, parallel readings, both from less important authors and from reference works on the historical, social, and literary background, will be assigned. Required of all students. *Both semesters, three hours a week.*

25-26. CREATIVE WRITING. A workshop course for those interested in writing short stories, short plays, and informal essays. *Both semesters, one hour a week.*

31. ENGLISH LANGUAGE AND COMPOSITION. A study of the growth and structure of the English language. Problems in English grammar. Introduction to semantics. Frequent expository compositions. *First semester, three hours a week.*

32. MYTHOLOGY. A study of myth and of the symbolic mode, using as materials the enduring and versatile myths of the Greco-Roman and the Christian world (Faust, Don Juan, and others). The approach is via world literature, with the aim of providing knowledge basic for the student of modern literature. *Second semester, three hours a week.*

43. MEDIEVAL LITERATURE. *Beowulf to Morte Darthur*, exclusive of Chaucer. Epic and Romance, *Piers Plowman*, the medieval drama, medieval lyric and narrative poetry. Some attention is given to the development of the language. *First semester, three hours a week.*

45. ENGLISH DRAMA, DRYDEN TO SHERIDAN. Restoration and Eighteenth Century plays: the Heroic Drama, Comedy of Manners, Sentimental Comedy, Melodrama, Ballad Opera, and other types. *First semester, three hours a week.*

47-48. SHAKESPEARE. A study of representative plays of Shakespeare, with special reference to his development as a dramatist, the various types of his plays, and the ideas expressed in them. *Both semesters, three hours a week.*

49. CHAUCER AND THE MIDDLE AGES. A brief study of Middle English literature before Chaucer and of the English and Scottish Chaucerians. A preliminary study of Chaucer's language sufficient for a careful reading of the *Canterbury Tales* and selected minor works. (Not offered in 1959-60.) *First semester, three hours a week.*

50. EIGHTEENTH CENTURY LITERATURE. A study of English literature from 1740 to 1798, with special emphasis on the life and writings of Johnson and on the trends in thought which brought about the Romantic Movement. *Second semester, three hours a week.*

52. **JACOBAN LITERATURE.** English poetry and prose of the Stuart period, 1603-1660. Metaphysical and Cavalier poets, the prose of Bacon, Browne, and Burton, and the later Renaissance drama. *Second semester, three hours a week.*
53. **NON-DRAMATIC RENAISSANCE LITERATURE.** English poetry and prose of the Sixteenth Century, with emphasis on Italian origins and Humanism. Sidney, Spenser, Shakespeare and other lyrists, and the development of verse and prose during the Elizabethan era. *First semester, three hours a week.*
54. **THE ENGLISH NOVEL.** A brief historical study of the beginnings and development of the English novel and a more detailed study of the work of some representative later novelists. (Not offered in 1959-60.) *Second semester, three hours a week.*
56. **THE AUGUSTAN AGE.** A study of English literature from 1660 to 1740, with especial emphasis on Dryden, Swift, and Pope. Attention will be given to critical theories, intellectual and cultural movements, and literary forms. *First semester, three hours a week.*
57. **MODERN POETRY.** A study of American and British poetry from Robinson and Hopkins to the present, with emphasis on T. S. Eliot and W. B. Yeats. *First semester, three hours a week.*
58. **MILTON AND HIS TIMES.** A study of the principal works of Milton and some of his contemporaries. Both prose and verse will be included in the course; the main emphasis will be placed on the longer poems. (Not offered in 1959-60.) *Second semester, three hours a week.*
59. **ROMANTIC POETRY.** A study of the chief poets of the Romantic era, beginning with Blake and concluding with Keats. Special attention is paid to theories of poetry and to the relation of literature to the thought of the period. *First semester, three hours a week.*
60. **VICTORIAN LITERATURE AND VICTORIAN THOUGHT.** A study of English poetry and prose (exclusive of the novel) from 1830 to the end of the century. Especial emphasis is laid on the expression in literature of the intellectual and social problems of Victorian society. *Second semester, three hours a week.*
61. **ELIZABETHAN DRAMA.** A study of the origins and growth of the drama in England, of the development of the theater, and of some of the predecessors and contemporaries of Shakespeare. *First semester, three hours a week.*
- 63-64. **SURVEY OF AMERICAN LITERATURE**—A survey of the chief literary movements and principal writers of American literature from Colonial times to the twentieth century. Parallel reading and written reports required. (Not offered in 1960-61.) *Both semesters, three hours a week.*
- 67-68. **THE MODERN NOVEL AND DRAMA.** A detailed study of representative British, American, and continental novels and plays since about 1850. *Both semesters, three hours a week.*
- 81-82. **GREAT BOOKS.** Reading of a number of the greatest books of the western world other than those included in the English and American literature courses. Biographical and critical readings assigned. (Not offered in 1960-61.) *Both semesters, three hours a week.*
- 87-88. **VARIETIES OF AMERICAN EXPERIENCE.** (See Interdepartmental Courses.)

TUTORIAL COURSES

- 101-102. **GREAT BOOKS FROM SEVERAL LITERATURES.** Rapid reading of a number of the greatest works of the literature of the western world. Biographical and critical readings are used as needed. *Both semesters, three credits a semester.*

103-104. ENGLISH LITERATURE IN THE RENAISSANCE. A study of Renaissance literature and thought, with special reference to its foreign relations and its social and biographical backgrounds. The course will center around Spenser. *Both semesters, three credits a semester.*

105. DONNE AND BLAKE. The works of John Donne and William Blake, with particular reference to their great importance for the modern poet. *First semester, three credits.*

109-110. READING IN RESTORATION AND EIGHTEENTH CENTURY DRAMA. English drama from Sir William D'Avenant to Richard Brinsley Sheridan. The Comedy of Manners, the Heroic Drama, the Sentimental Comedy, the Tragedy, the Bahad Opera, and other types. *Both semesters, three credits a semester.*

111-112. STUDIES IN LITERATURE, 1660-1700. Poetry and prose in the Age of Dryden. Development of English thought and life studied through the spirit and literary forms of the writers of the period. *Both semesters, three credits a semester.*

115. DR. JOHNSON AND HIS CIRCLE. Poetry and prose, 1740-1798, with particular attention to the writings of Dr. Samuel Johnson and his friends. *First semester, three credits.*

117-118. LITERATURE AND BIOGRAPHY OF THE EIGHTEENTH CENTURY. Reading in the social life, biography, and literature of the Augustan and pre-Romantic periods. *Both semesters, three credits a semester.*

119-120. THEORIES OF POETRY. A study of the critical approaches to poetry from Aristotle to T. S. Eliot, with emphasis on Dryden, Johnson, Coleridge, Arnold, and Eliot, and attention to such foreign critics as Lessing and Croce. *Both semesters, three credits a semester.*

121. VICTORIAN LITERATURE. Extensive reading in the major Victorian poets and in Ruskin, Carlyle, Arnold, Newman, and Pater. *Either semester, three credits.*

125-126. READINGS IN ENGLISH LITERATURE. A course intended to supplement the student's previous studies in English literature. The reading program will be determined by the needs and interests of the student. *Either semester or both semesters, three credits a semester.*

132. THE TEACHING OF ENGLISH. (See Education 132.) Practice in theme grading and methods of dealing with errors in composition are followed by a study of methods of presenting the variety of literature common at the secondary school level. This course does not count toward a major in English. *Either semester, three credits.*

FRENCH

Requirements for a major in French:

(1) Minimum requirements: Eighteen semester credits above French 23-24, preferably from courses 41-42, 43-44, 51-52, or 53-54.

(2) Recommended: A second or third modern language. Two years of Latin. History 25-26. Related and approved courses in English, philosophy, classics.

1-2. ELEMENTARY FRENCH. Pronunciation, fundamentals of grammar, composition, and reading of texts of graded difficulty. Normally this course is accompanied by French 3-4. Students satisfying the modern language degree requirement in another language, however, may be exempted from French 3-4. *Both semesters, three hours a week.*

3-4. ELEMENTARY FRENCH CONVERSATION. Diction, conversation, and oral drill, aided by audio devices of a phonetics workshop. *Both semesters, two hours a week, one credit each semester.*

21-22. INTERMEDIATE FRENCH. A review of grammar, reading of representative literary works of graduated difficulty, composition, conversation, and individual reading in student's major field of interest. Prerequisite, one year of French in college or two in high school. *Both semesters, three hours a week.*

23-24. INTERMEDIATE FRENCH CONVERSATION. This course, which may be taken with or after French 21-22, is recommended to those students in 21-22 who wish to reinforce their command of the spoken language, and is required of all who fail to achieve otherwise the oral proficiency necessary for the Bachelor's degree. It is also strongly recommended for majors in the department. *Both semesters, two hours a week, one credit a semester.*

41-42. SURVEY OF FRENCH LITERATURE. A study of the chief periods and movements in French literature, and reading of representative masterpieces of the principal authors. Lectures, reading, discussion, and reports. Prerequisite, French 21-22 or the equivalent. *Both semesters, three hours a week.*

43-44. CONVERSATION AND COMPOSITION. Training to develop fluency of the student already proficient in reading, writing, speaking, and understanding the French language. Intensive training in oral French: pronunciation, diction, and practical conversation. Advanced training in grammar and in formal and free composition. French civilization used as subject matter. Prerequisite, French 21-22 or the equivalent. *Both semesters, three hours a week.*

51-52. THE SEVENTEENTH CENTURY. A study of the Golden Age of French literature. The rise and development of French classicism. Emphasis on Molière, Corneille, Racine, Pascal, La Fontaine, La Bruyère, and La Rochefoucauld. Prerequisite, French 21-22 or the equivalent. *Both semesters, three hours a week.*

53-54. THE NINETEENTH CENTURY. A study of Romanticism, Realism, Naturalism, and Symbolism. The development of the modern novel and modern drama. Emphasis on Hugo, Stendhal, Balzac, Flaubert, and others. Prerequisite, French 21-22 or the equivalent. *Both semesters, three hours a week.*

TUTORIAL COURSES

109. MIDDLE AGES AND SIXTEENTH CENTURY. A study of typical forms of French medieval literature, such as the epic (*Chanson de Roland*), Arthurian romance, *ballade*, etc., and of typical personalities of the French Renaissance, such as Marot, Ronsard, Rabelais, Calvin, Montaigne. *Either semester, three credits.*

110. THE EIGHTEENTH CENTURY. A study of the organization, development, and diffusion of philosophic thought from the time of the Revocation of the Edict of Nantes to the French Revolution. Emphasis on Montesquieu, Voltaire, Rousseau, and Diderot as representative of the main currents of liberal ideas. *Either semester, three credits.*

111-112. THE TWENTIETH CENTURY. Extensive reading in the novel, drama, and poetry of the twentieth century. *Both semesters, three credits a semester.*

115-116. BELGIUM AND THE BELGIAN CONGO. The geography, history, and civilization of these lands. A course designed to offer pre-missionary training, or a general introduction to the culture of the Congo. As this course is given in French, proficiency in reading and speaking French is required. *Both semesters, three credits a semester.*

125-126. SENIOR TUTORIAL. A study of the French language and French literature to supplement the course work of the individual student in his preparation for the comprehensive examination. *Both semesters, three credits a semester.*

132. THE TEACHING OF FRENCH. (See Education 132.) A practical course for preparing the student to teach French. Study of teaching methods and materials, lesson planning, and organization of courses. *Second semester, three credits.*

GERMAN

Requirements for a major in German:

- (1) Minimum requirements: Eighteen semester hours in German courses above intermediate level.
- (2) Recommended: Eighteen semester hours of related and approved courses in one or more of the following fields: English language and literature; a Romance language, especially French; classical languages and literatures; European history; philosophy; art; music.

1-2. **ELEMENTARY GERMAN.** The foundation for speaking, writing, and reading German. Normally this course is accompanied by German 3-4, but students satisfying the modern language degree requirement in another language may be exempted from German 3-4. *Both semesters, three hours a week.*

3-4. **ELEMENTARY GERMAN CONVERSATION.** Practice in pronunciation, aural comprehension, and speaking. *Both semesters, two hours a week, one credit each semester.*

21-22. **INTERMEDIATE GERMAN.** A continuation of the training necessary to achieve the proficiency in reading, writing, speaking, and understanding a modern language required of candidates for the B.A. or B.S. degree; review of grammar, reading of representative literary works of graduated difficulty, composition, conversation, and individual reading in student's major field of interest. Prerequisite, one year of German in college or two in high school. *Both semesters, three hours a week.*

23-24. **INTERMEDIATE GERMAN CONVERSATION.** This course, which may be taken with or after German 21-22, is recommended to those students in 21-22 who desire or need additional oral work, especially to German majors, and is required of all who have not achieved otherwise the oral proficiency necessary as a degree requirement. *Both semesters, two hours a week, one credit each semester.*

41-42. **SURVEY OF GERMAN LITERATURE AND CIVILIZATION.** A study of the chief periods and movements in German literature, and reading of representative masterpieces of the principal authors. Lectures, discussion, and reports. Prerequisite, German 21-22 or the equivalent. *Both semesters, three hours a week.*

TUTORIAL COURSES

103-104. **CLASSICISM AND ROMANTICISM.** A study of the Rationalistic, Classical, and Romantic movements in German literature, with reading of background material and some of the chief literary works of the time. *Both semesters, three credits each semester.*

105-106. **NINETEENTH CENTURY LITERATURE.** German literature through the Second Romantic School and the period of naturalism. *Both semesters, three credits each semester.*

125-126. **SENIOR TUTORIAL.** A study of the German language and literature to supplement the course work of the individual student in his preparation for the comprehensive examination. *Both semesters, three credits each semester.*

GREEK

Requirements for a major in Greek:

- (1) Greek 21-22, 29-30, 51-52, 53-54.
- (2) History 51.
- (3) Philosophy 21.

1-2. **ELEMENTARY GREEK.** Forms, inflections, and essential constructions of the language; prose composition; elementary reading, and practice in sight translation. *Both semesters, three hours a week.*

21. **PLATO.** The *Apology* and selected portions of the *Phaedo* and the *Republic*. Prerequisite, Greek 1-2, or the equivalent. *First semester, three hours a week.*

22. **HOMER.** Books I-IV of the *Iliad* and selected portions of the *Odyssey*. Prerequisite, Greek 21, or the equivalent. *Second semester, three hours a week.*

29-30. **GREEK CIVILIZATION AND CULTURE.** Study of the masterpieces of Greek literature in translation, and of the art, architecture, archæology, private and public life, political institutions, and philosophy of ancient Greece. *Both semesters, three hours a week.*

51-52. **DRAMA.** Reading and studying in class of Sophocles' *Oedipus Tyrannus*, Euripides' *Hippolytus*, Aeschylus' *Agamemnon*, and Aristophanes' *The Birds*. Collateral reading in English translation of all the other extant works of the four dramatists. Prerequisite, Greek 21-22, or the equivalent. *Both semesters, three hours a week.*

53. **HISTORY AND ORATORY.** Readings from Herodotus, Thucydides, Xenophon, Plutarch, Lysias, and Demosthenes. *First semester, three hours a week.*

54. **LYRIC POETRY.** Readings from the major lyric poets, including the elegiac and iambic poets and Sappho and Pindar. *Second semester, three hours a week.*

TUTORIAL COURSES

103-104. **GREEK LITERATURE IN TRANSLATION.** The greatest Greek authors and their influence upon the literature of modern Europe. Epic, lyric, drama, history, and philosophy will be included, together with readings in standard literary histories. Papers will be assigned at regular intervals. *Both semesters, three credits a semester.*

107-108. **GREEK ARCHÆOLOGY.** The romance of archæology rather than its technical aspects. The career and excavations of Schliemann, the discoveries in Crete of Sir Arthur Evans, and the most important of the other famous discoveries will be considered. Papers will be assigned at regular intervals. *Both semesters, three credits a semester.*

109-110. **GREEK ART AND ARCHITECTURE.** The advance of Greek architecture, painting, sculpture, and vase painting from tentative beginnings to its later perfection will be studied from the historical standpoint. Papers at regular intervals. *Both semesters, three credits a semester.*

111-112. **THE GREEK LANGUAGE.** Advanced study in grammar and syntax. The development of the language from Homer through Hellenistic times. An introduction to the study of Greek dialects, inscriptions, and metrics. Advanced prose composition. *Both semesters, three credits a semester.*

125-126. **SENIOR TUTORIAL.** For students majoring in this department who are candidates for a degree with honors. The content of this course will be fixed after consultation with each student and in accord with his particular needs. *Both semesters, three credits a semester.*

HISTORY

Requirements for a major in History:

- (1) History 21-22 and 23-24.
 - (2) History 25-26 or 51-52 or 53-54.
 - (3) Two additional semesters of advanced history.
 - (4) Political Science 21-22 or 23-24 or International Studies 35-36.
1. **EARLY EUROPE.** A general survey of the history and civilization of Europe from their beginnings to the middle of the seventeenth century. Open to freshmen and sophomores only. *First semester, three hours a week.*
 2. **MODERN EUROPE.** A study of European history and civilization in modern times. Open to freshmen and sophomores only. *Second semester, three hours a week.*
 - 3-4. **MAN IN THE LIGHT OF HISTORY AND RELIGION.** A study of the origin and development of Christianity and its rôle in world affairs, integrated with a study of the history of Western civilization. A joint course given by professors from the departments of Bible, History, and Philosophy; 3 credits in Bible and 3 in history each semester; book fee of \$5.00 per semester. Further details on page 104. The same as Bible 3-4. Elective for freshmen. *Both semesters, six hours a week, six credits a semester.*
 21. **EARLY AMERICAN HISTORY.** A general course dealing with political, economic, and social questions from the colonial period through the period of the Civil War. *First semester, three hours a week.*
 22. **AMERICAN HISTORY SINCE THE CIVIL WAR.** A study of the political, economic, and social development of the United States from the Civil War to the present time. *Second semester, three hours a week.*
 23. **EARLY ENGLISH HISTORY.** The origin of the nation, its early social, economic, religious, and constitutional organization to the end of the Tudor period. *First semester, three hours a week.*
 24. **MODERN ENGLAND.** From the reign of the Stuarts to the present time. Attention will be given to the development of parliament and to economic and colonial developments. *Second semester, three hours a week.*
 25. **THE MIDDLE AGES.** A survey of the chief political, religious, economic, and intellectual developments from the decline of Rome to the middle of the fifteenth century. *First semester, three hours a week.*
 26. **EUROPE, 1400-1789.** A study of the political and cultural developments during the Renaissance, the Reformation, and Absolutism. *Second semester, three hours a week.*
 - 41-42. **HISTORY OF LATIN AMERICA.** A general survey of the history of the Latin American nations from the colonial period to the present time. *Both semesters, three hours a week.*
 51. **GREEK HISTORY.** A study of the development of the political, social and economic life of the Greek people from the earliest times to the end of the Hellenistic Age. *First semester, three hours a week.*
 52. **ROMAN HISTORY.** A study of the origin and development of Roman institutions, emphasizing the social structure and economic problems of the Republic and of the Empire, and outlining the chief political and military events from Rome's beginnings to the reign of Justinian. Not open to students with credit in Latin 29-30. *Second semester, three hours a week.*
 53. **FRENCH REVOLUTION AND NAPOLEON.** The background of the Revolution, and the French and European developments from 1789 to 1815. *First semester, three hours a week.*
 54. **EUROPE IN THE NINETEENTH CENTURY.** A study of European history from the Congress of Vienna to the Treaty of Versailles. *Second semester, three hours a week.*

61. **THE OLD SOUTH.** A study of the South in colonial politics, and of its rôle in the Revolution and in the formation of the Union; the social, industrial, and religious development of the Old South, and the sectional controversies prior to the Civil War. *First semester, three hours a week.*
62. **CIVIL WAR AND RECONSTRUCTION.** A study of the secession movement and of the struggle for Southern independence, with a study of the state and national problems in the period of reconstruction; the rule of the Radicals, and the restoration of home rule in the South. *Second semester, three hours a week.*
63. **THE NEW SOUTH.** A study of the political, social, and economic development of the South since 1877, and of the relations between the region and the rest of the nation since the end of reconstruction. *First semester, three hours a week.*
64. **THE UNITED STATES IN THE TWENTIETH CENTURY.** A study of the rise of the United States as a world power against the background of political, social, and economic developments within the nation. *Second semester, three hours a week.*
- 87-88. **VARIETIES OF AMERICAN EXPERIENCE.** (See Interdepartmental Courses.)

TUTORIAL COURSES

- 101-102. **SELECT PERIODS IN AMERICAN HISTORY.** A detailed study of the events and problems of a selected period in American history. The period chosen for study each semester will be determined after consultation with the student and will be suited to his needs and interests. *Both semesters, three credits a semester.*
- 105-106. **MEDIEVAL CIVILIZATION.** A study of the culture of the middle ages in Europe, with special reference to the rise of the universities, the effect of the Crusades, art and architecture, and chief literary forms. *Both semesters, three credits a semester.*
- 107-108. **MODERN ENGLAND.** Social, economic, and literary trends in English civilization since 1815, and a study of the lives of the most important figures. *Both semesters, three credits a semester.* (Not offered in 1960-61).
- 117-118. **HISTORY OF RUSSIA.** During the first semester there will be a rapid survey of Russian history to the Revolution. The second semester's reading will be devoted to the Revolution, and to the political, economic, and social institutions of the U.S.S.R. *Both semesters, three credits a semester.*
131. **HISTORIOGRAPHY.** A study of the chief characteristics of the great epochs of historical writing and of the contributions of the leading historians of each period. *First semester, three credits a semester.*
132. **THE TEACHING OF HISTORY.** (See Education 132.) Standard books on the teaching of history and the social sciences will be read and reports relating to the various problems and methods of teaching will be presented. *Second semester, three credits a semester.*

INTERNATIONAL STUDIES

Requirements for a major in International Studies:

- (1) Political Science 21-22 and 23 or 34.
- (2) Economics 3-4.
- (3) History 21-22.
- (4) International Studies 31-32, 35-36, 37-38, and 41 or 45; also 125-126.
- (5) History 1-2 if possible.

NOTE: See page 56.

31-32. **INTERNATIONAL RELATIONS.** The state system, the problem of war, nationalism and imperialism, geopolitics, America in the family of nations, the foreign policies of the Great Powers; lessons of World War I, Versailles and the League; diplomacy of World War II, the cold war, and the balance of power; integration of the West, the quest for peace. Prospective majors should take 31-32 in their sophomore year. Same as Political Science 31-32. *Both semesters, three hours a week.*

33-34. **THE NATIONAL SECURITY POLICY OF THE UNITED STATES.** The problems of United States national security. Particular emphasis given

to the contemporary world setting, the cold war, mechanics of policy formation, interaction of domestic and foreign policy, and a review of postwar policy developments in various geographical areas. *Both semesters, three hours a week.*

35-36. **THE FOREIGN RELATIONS OF THE UNITED STATES.** The evolution and conduct of the United States foreign policy from 1776 to the present, historical bases of foreign policy, criteria in policy determination, case studies in contemporary problems. *Both semesters, three hours a week.*

37. **INTERNATIONAL ECONOMICS: THEORY AND PRACTICE.** Principles and practices of international trade, free trade and protection, international monetary problems, institutional means of economic cooperation and stability. The same as Economics 37. Prerequisite, Economics 3-4. *First semester, three hours a week.*

38. **INTERNATIONAL ECONOMICS: UNITED STATES ECONOMIC FOREIGN POLICY.** Policy aspects of international trade, international economic policy in the inter-war period, United States economic foreign policy from 1922 to the present, including the Reciprocal Trade Program, economic planning for the peace, the Marshall Plan, the International Trade Organization, the General Agreement on Tariffs and Trade, and the problems of underdeveloped areas. The same as Economics 38. Prerequisite, Economics 3-4. *Second semester, three hours a week.*

41. **INTERNATIONAL LAW.** Historical survey, sources of international law, general problems of international law such as rights and duties of states, succession, recognition, settlement of disputes, international legislation, individual and collective responsibility, codification. Prerequisite, International Studies 31-32 or special permission of instructor. *First semester, three hours a week.*

45. **INTERNATIONAL ORGANIZATION.** The growth of international organizations in the nation-state pattern, procedures of international cooperation through peaceful settlement and collective security; functional and universal organizations. Emphasis on the League of Nations experiment and the United Nations. Prerequisite, International Studies 31-32 or special permission of instructor. *Second semester, three credits a semester.*

TUTORIAL COURSES

125-126. **SENIOR SEMINAR.** For majors in the program. Integration and elaboration of major courses, together with an advanced study of the foreign relations of the United States or international economics. This course may be substituted, with proper departmental permission, for Economics 125-126 or Political Science 125-126. *Both semesters, three credits a semester.*

127-128. **SENIOR HONORS SEMINAR.** For candidates for honors in international studies. A comprehensive course involving a weekly minimum of sixteen hours of reading and two hours of tutorial conference. Broad study in the field and intensive review in preparation for the honors examination. *Both semesters, six credits a semester.*

ITALIAN

NO MAJOR OFFERED

1-2. **ELEMENTARY ITALIAN.** Grammar, oral and written composition, conversation, dictation, and simple reading. Basic aspects of Italian civilization. Given only if desired by not fewer than ten students. *Both semesters, three hours a week.*

21-22. **INTERMEDIATE ITALIAN.** Review of grammar. Introduction to Italian literature. Reading of plays, short stories, or novels. Dictation, conversation, and composition. Given only if desired by not fewer than five students. *Both semesters, three hours a week.*

31-32. **SURVEY OF ITALIAN LITERATURE.** History of the literature from its beginnings to the present time. Reading and discussion of representative writers. Prerequisite, Italian 21-22, or the equivalent. *Both semesters, three hours a week.*

TUTORIAL COURSES

101-102. **THE TRECENTO AND RENAISSANCE.** The Golden Age of

Italian literature. Study of Dante, Petrarch, and the leading figures of the Renaissance in Italy. *Both semesters, three credits a semester.*

103-104. MODERN ITALIAN LITERATURE. Critical reading of outstanding Italian authors from Goldoni to Pirandello. *Both semesters, three credits a semester.*

LATIN

Requirements for a major in Latin:

(1) Eighteen semester credits in approved courses above Latin 21-22.

(2) Latin 29-30.

1-2. ELEMENTARY LATIN. An introduction to the fundamentals of Latin grammar and to the reading of Latin authors. No prerequisite. *Both semesters, three hours a week.*

21. INTERMEDIATE LATIN. Systematic review of principles of syntax. Reading from several Latin authors. Prerequisite, Latin 1-2 or two years of high school Latin. *First semester, three hours a week.*

22. VERGIL. *Aeneid*, I, II, IV, VI. Prerequisite, Latin 1-2 and 21, or the equivalent. *Second semester, three hours a week.*

29-30. ROMAN CIVILIZATION. Study of masterpieces of Latin literature in translation, and of the history, religion, philosophy, art, architecture, government, and law of Rome. Prerequisite, one year of the language. Not open to students with credit in History 52. *Both semesters, three hours a week.*

35. CICERO. *De Amicitia* and *De Senectute*. Prerequisite, three years of high school Latin or Latin 21-22. *First semester, three hours a week.*

36. HORACE. *Odes*. Prerequisite, three years of high school Latin, or Latin 21-22 and 35. *Second semester, three hours a week.*

43. LETTERS. Selections from the correspondence of Cicero. Collateral study of Roman history and institutions. *First semester, three hours a week.*

44. COMEDY. Selected plays of Plautus and Terence. (Not offered in 1960-61.) *First semester, three hours a week.*

46. COMPOSITION. Advanced Latin prose composition. (Not offered in 1960-61.) *Second semester, three hours a week.*

49. LIVY. Selections from Books XXI and XXII. (Not offered in 1960-61.) *First semester, three hours a week.*

50. TACITUS. *Agricola* and *Annals*. (Not offered in 1960-61.) *Second semester, three hours a week.*

52. LYRIC POETRY. Catullus and the elegiac poets. *Second semester, three hours a week.*

55. SATIRE. Selections from the satires of Horace and Juvenal. A special study of the origin and development of this literary type. (Not offered in 1960-61.) *First semester, three hours a week.*

56. LUCRETIVS. *De Rerum Natura*. (Not offered in 1960-61.) *Second semester, three hours a week.*

TUTORIAL COURSES

125-126. HISTORY OF LATIN LITERATURE. Readings in the original from representative works and authors not previously included in the student's course. A survey of Latin literature, its origins, development, and decline. *Both semesters, three credits a semester.*

132. THE TEACHING OF LATIN. (See Education 132.) Methods of presenting grammatical materials. A careful and extensive reading of Caesar, Cicero, and Vergil at the senior college level. *Second semester, three credits.*

MATHEMATICS

B.A. degree requirements for a major in Mathematics:

At least twenty-one semester credits in approved courses above Mathematics 26.

B.S. degree requirements for a major in Mathematics:

Mathematics 51-52 and at least fifteen additional semester credits in approved courses above Mathematics 26.

In order to do successful work in the beginning college courses in mathematics, students should have adequate high school training in topics selected from algebra, geometry (demonstrative and analytic), and trigonometry. The point of view should be in harmony with contemporary mathematical thought, and emphasis should be placed upon basic concepts and upon principles of deductive reasoning, regardless of the branch of mathematics from which the topic is chosen. Minimum requirements for admission to Mathematics 11 or to Mathematics 17 are two units in algebra and one unit in plane geometry. When students who have met the admission requirements are found to exhibit deficiencies in certain areas, they are required to do prescribed remedial work in these areas under the supervision of the departmental student assistant.

The two-year requirement in mathematics permits the following choices: For the B.A. degree, Mathematics 11, 12, 21, and an additional course in mathematics, or Mathematics 17, 18, 25, or Mathematics 11, 12, 21, and Philosophy 45, or the equivalent in transfer credits. For the B.S. degree, Mathematics 17, 18, 25, or the equivalent in transfer credits.

11. **FUNDAMENTAL MATHEMATICS A.** A course designed to give the student an orientation in modern mathematics. Topics treated include an introduction to logic, properties of the number system, the theory of sets, equations, inequalities, and logarithms. For students whose major interests are in the arts and social sciences, or for students who plan to major in mathematics. *First semester, three hours a week.*

12. **FUNDAMENTAL MATHEMATICS B.** A continuation of Mathematics 11. Probability, the circular functions, and plane analytic geometry through the conic sections. Prerequisite, Mathematics 11. *Second semester, three hours a week.*

17. **INTEGRATED ALGEBRA AND TRIGONOMETRY.** For natural science majors, pre-engineers, pre-medical students, or for students who plan to major in mathematics. The study of functions is the unifying aspect of this course. The trigonometric functions are considered initially as functions of real numbers. Topics treated include inequalities, determinants, systems of equations, theory of equations, probability, and sequences. *First semester, four hours a week.*

18. **CALCULUS AND ANALYTIC GEOMETRY A.** An introduction to analytic methods in geometry. A study of functions, limits, continuity, the derivative, and applications of the derivatives of algebraic functions. Prerequisite, Mathematics 17. *Second semester, four hours a week.*

21. **FUNDAMENTAL MATHEMATICS C.** A continuation of Mathematics 12. An introduction to the polynomial calculus, matrices, determinants, and analytic geometry of three dimensions. This course may be followed in the second semester by Mathematics 32 or Mathematics 36. *First semester, three hours a week.*

25. **CALCULUS AND ANALYTIC GEOMETRY B.** A continuation of Mathematics 18. Differentiation of the transcendental functions, the definite integral, formal integration, and applications of integration. Prerequisite, Mathematics 18 or Mathematics 21. *First semester, four hours a week.*

26. **CALCULUS AND ANALYTIC GEOMETRY C.** A continuation of Mathematics 25. Mean value theorem, indeterminate forms, infinite series, analytic geometry of three dimensions, partial differentiation, and multiple integration. Prerequisite, Mathematics 25. *Second semester, four hours a week.*

32. **FOUNDATIONS OF MATHEMATICS.** An introduction to the study of the logical structure of mathematics. The deductive or mathematical method is stressed in the analysis of various algebraic and geometric systems and models. Prerequisite, Mathematics 18 or Mathematics 21. *Second semester, three hours a week.*
36. **THEORY OF NUMBERS.** A study of the integers and their divisibility properties. Particular emphasis is placed upon the theory of congruences, prime numbers, Diophantine analysis, quadratic residues, and partitions. Prerequisite, consent of instructor. *Second semester, three hours a week.*
37. **PROBABILITY.** An introduction to the mathematical theory of probability with emphasis on the theory of random variables and probability distributions. Applications to various fields are considered. Prerequisite, Mathematics 25. *First or second semester, three hours a week.*
38. **MATHEMATICAL STATISTICS.** A study of the basic notions of statistical analysis. Emphasis is placed on the functional aspects of mathematical statistics. Prerequisite, Mathematics 25. *First or second semester, three hours a week.*
41. **DIFFERENTIAL EQUATIONS.** A study of differential equations of the first and second order and linear equations of higher order, together with applications in mechanics. Prerequisite, Mathematics 25. *First semester, three hours a week.*
43. **VECTOR ANALYSIS.** A study of vector algebra and the vector calculus, with applications to geometry and mechanics. Prerequisite, Mathematics 26. *First semester, three hours a week.*
44. **TOPICS IN APPLIED MATHEMATICS.** A somewhat detailed study of Fourier series and matrix algebra. Brief consideration is given to the Laplace transform and other topics. Prerequisite, Mathematics 26. *Second semester, three hours a week.*
46. **SYMBOLIC LOGIC.** Includes a formal development of the propositional calculus and the first order functional calculus. Particular emphasis is placed upon the proofs of consistency and deductive completeness. Some of the fundamental notions of elementary set theory and Boolean algebra are presented. Prerequisite, consent of instructor. The same as Philosophy 46. *First semester, three hours a week.*
- 49-50. **SURVEY OF GEOMETRY.** A consideration of projective geometry as a deductive system and as a study of the properties that are invariant under projective transformations. The use of synthetic as well as algebraic methods is employed. Attention is given to affine geometry, euclidean geometry, and the noneuclidean geometries. (Offered in even-numbered years.) Prerequisite, consent of instructor. *Both semesters, three hours a week.*
- 51-52. **ANALYTICAL MECHANICS.** Elementary problems in statics, kinematics, and dynamics; the study of equilibrium of forces, rectilinear motion, curvilinear motion, central forces, constrained motion, energy, and moments of inertia. Prerequisites, Mathematics 26 and Physics 1-2. The same as Physics 51-52. *Both semesters, three hours a week.*
- 53-54. **ADVANCED CALCULUS.** Includes a study of point set theory, the real number system, continuous functions, partial differentiation, multiple integrals, line integrals, improper integrals, mappings, vectors, series, and uniform convergence. (Offered in odd-numbered years.) Prerequisite, Mathematics 26. *Both semesters, three hours a week.*
- 55-56. **MODERN ALGEBRA.** Includes a study of the complex number system, integral domains, fields, groups, polynomials, vector spaces, matrices, linear equations, and determinants. (Offered in even-numbered years.) Prerequisite, consent of instructor. *Both semesters, three hours a week.*

58. METRIC DIFFERENTIAL GEOMETRY. A study of the analytical metric differential geometry of curves and surfaces in ordinary three-dimensional space. (Offered on demand.) Prerequisites, Mathematics 26 and Mathematics 42. *Second semester, three hours a week.*

TUTORIAL COURSES

132. THE TEACHING OF MATHEMATICS. (See Education 132.) A study of the organization of subject matter and the methods of presenting it to students of high school age. Prerequisite, Mathematics 25. *Second semester, three credits.*

133-134. READING IN MATHEMATICS. For students who wish to do advanced work not provided for in the regular courses. The content of this course will be fixed after consultation with the student and in accord with his particular interests. Subjects from which a selection may be made include Introduction to Topology, Theory of Numbers, and Foundations of Mathematical Thought. Prerequisites, junior or senior standing and permission of the instructor to enroll in the course. *Both semesters, three credits a semester.*

SPECIAL COURSE FOR TEACHERS

9T. FUNDAMENTAL CONCEPTS OF MATHEMATICS. Designed to meet the General Education requirement of the State of Tennessee in the program of teacher education. Includes a study of number, measurement, the function concept, graphs, interpretation of statistical data, and the nature of proof. A limited amount of outside reading is required. This course is not a part of the mathematics requirement for a degree. (Not offered in 1960-61.) *First semester, three hours a week.*

MUSIC

Requirements for a major in Music leading to the B.A. degree:

- (1) A total of forty or more hours in music to include Music 11-12, 23-24, 31-32, 42, and 51-52.
- (2) Four years participation in choir or orchestra.
- (3) Additional courses in theory or history of music.
- (4) Eight hours in applied music, including piano if necessary. The student is expected to acquire proficiency at the piano sufficient to read Bach chorales in the original clefs and the easier Haydn quartets from score.

The suggested curriculum is given in detail on page 112. The curricula leading to the degree of Bachelor of Music will be found on pages 113-115. The requirements for the Bachelor of Arts with honors in music are stated on page 48.

1. MUSIC AS A MEDIUM OF EXPRESSION. The fundamentals and physical basis of music. The instruments of the orchestra. *First semester, three hours a week.*

2. THE LITERATURE OF MUSIC. A general survey of the different styles and types of musical literature, with reading assignments to aid the student in the approach to listening. *Second semester, three hours a week.*

11-12. THEORY OF MUSIC. A course in the fundamentals of musical theory, including ear training and elementary harmony. To be taken during the freshman year by all who are majoring in music. *Both semesters, five hours a week, three credits a semester.*

23-24. THEORY OF MUSIC. A continuation of Music 11-12, including a survey of twentieth century usages. *Both semesters, five hours a week, four credits per semester.*

25. **HYMNODY.** A chronological survey of hymn literature from the early Christian era to the present, with considerable performance in class. This course is designed for students going into the ministry or religious education or church music. No music prerequisite, but ability to read music is desirable. *First semester, three hours a week.*

27. **LITURGICAL MUSIC.** A survey of the liturgies of the various Christian faiths and the chants and responses appropriate to these, with considerable performance in class. No music prerequisite, but ability to read music is desirable. *First semester, three hours a week.*

28. **CHURCH MUSIC REPERTORY.** A survey of the repertory of anthems and organ music appropriate to the Protestant service, with considerable performance in class. No music prerequisite, but ability to read music is desirable. *Second semester, three hours a week.*

30. **CHURCH MUSIC.** A course stressing the practical application of the material surveyed in courses 25, 27, and 28. Designed to prepare the student for the ministry of music in both liturgical and non-liturgical churches. Prerequisite for non-music majors, permission of the instructor. *One semester, three hours a week.*

31-32. **HISTORY OF MUSIC.** A survey of the history and literature of music from Graeco-Roman times to the present. Open to non-music majors with the permission of the instructor. *Both semesters, three hours a week.*

33. **MUSIC OF THE BAROQUE ERA.** A detailed survey of music from Gabrieli to Bach and Handel. Open to non-music majors with the permission of the instructor. *First semester, three hours a week.*

36. **MUSIC OF THE CLASSIC ERA.** A survey of the music of Haydn, Mozart, and their contemporaries. Open to non-music majors with the permission of the instructor. *Second semester, three hours a week.*

37. **MUSIC OF THE ROMANTIC ERA.** A survey of music from Beethoven to Dvorak. Open to non-music majors with the permission of the instructor. *First semester, three hours a week.*

38. **MUSIC OF OUR TIME.** A survey of music from Richard Strauss to the present. Open to non-music majors with the permission of the instructor. *Second semester, three hours a week.*

42. **FORM AND ANALYSIS.** A study of musical form through the analysis of homophonic and contrapuntal compositions. *One semester, two hours a week, two credits.*

51-52. **COUNTERPOINT.** Two-part modal counterpoint. Tonal counterpoint in various forms. *Both semesters, two hours a week.*

TUTORIAL COURSE

125-126. **SENIOR TUTORIAL.** A course to be adapted to the needs of the individual student who is a candidate for the Bachelor of Arts degree with honors in music. It will include supplementary work for the departmental examinations, and the required essay or original composition. *Both semesters, three credits a semester.*

NOTE: For the other courses in music, such as advanced theory, instrumentation, and composition, as well as choir and orchestra, see pages 116-117.

APPLIED MUSIC

Students not majoring in music may elect to study voice, piano, organ, and other instruments for credit; such credit in applied music is granted only if accompanied by an equal number of hours credit earned in a class course in music, but class work need not be taken concurrently with the applied study.

PHILOSOPHY

Requirements for a major in Philosophy:

Philosophy 21, 22, 45, or 46, and eighteen additional hours in Philosophy, including at least six hours in tutorials. Psychology 21-22 may be substituted for six hours of Philosophy. Philosophy 51-52 does not meet requirements for a major.

NOTE: If Philosophy is elected to satisfy the degree requirement of one year of Philosophy or Psychology, it must be met by taking six hours from Philosophy 21, 22, 23, 24, 33, 34, 36.

21. **INTRODUCTION TO AND HISTORY OF PHILOSOPHY.** An examination of philosophical methods, problems, and ideas from the early Greek thinkers through the medieval scholastics. Collateral reading in and discussion of the philosophical classics and material illustrative of ancient and medieval culture. *First semester, three hours a week.*

22. **INTRODUCTION TO AND HISTORY OF PHILOSOPHY.** An examination of philosophical methods, problems, and ideas from the Renaissance to the present. The chief movements in modern thought are correlated with historical and cultural developments. *Second semester, three hours a week.*

23. **AESTHETICS.** A study of aesthetic experience and the place of art in culture. Same as Art 23. *First semester, three hours a week.*

33. **ETHICS.** An examination of principles of conduct and their application. A study of the major systems of philosophical ethics. *First semester, three hours a week.*

34. **POLITICAL PHILOSOPHY.** Theory of the state from the Reformation era. Political ethics. The principles of political obligation. Same as Political Science 54. *Second semester, three hours a week.*

36. **PHILOSOPHY OF SCIENCE.** An historical and philosophic examination of the methods, presuppositions, and principles of explanation in the natural and behavioral sciences. During the last four weeks the student will be expected to prepare a project, in consultation with his major professor, on a philosophical problem in one of the special sciences. Prerequisites: two years laboratory science or one year of science and one year of philosophy. *Second semester, three hours a week.*

45. **LOGIC.** A study of classical and modern logic. *Either semester, three hours a week.*

46. **SYMBOLIC LOGIC.** Includes a formal development of the propositional calculus and the first order functional calculus. Particular emphasis is placed upon the proofs of consistency and deductive completeness. Some of the fundamental notions of elementary set theory and Boolean Algebra are presented. Prerequisite, consent of instructor. Same as Mathematics 46. *First semester, three hours a week.*

51-52. **PHILOSOPHY OF RELIGION.** Same as Bible and Religion 51-52.

87-88. **VARIETIES OF AMERICAN EXPERIENCE.** (See Interdepartmental Courses.)

TUTORIAL COURSES

101. **PLATO.** The major methodological, ethical, and metaphysical issues in the Dialogues. *First semester, three credits.*

102. **ARISTOTLE.** Selections from Aristotle, with special emphasis on the unity of knowledge, natural knowledge, and the nature of man. *Second semester, three credits.*

111. **MEDIEVAL PHILOSOPHY.** The articulation of the Christian faith from Augustine through Aquinas. *First semester, three credits.*

112. **EARLY MODERN PHILOSOPHY:** A study of the reawakening of interest in the classical past and in nature. The development of European rationalism, idealism, and empiricism. *Second semester, three credits.*

115. **CONTEMPORARY PHILOSOPHY.** An analysis of pragmatism, positivism, and realism. (Not offered in 1960-61.) *First semester, three credits.*

116. **CONTEMPORARY PHILOSOPHY.** An analysis of existentialism, idealism, and process philosophy. (Not offered in 1960-61.) *Second semester, three credits.*

119-120. **STAFF SEMINAR.** Conducted by the staffs of religion and philosophy with joint participation of students admitted by departmental permission. Two-hour bi-weekly discussions. *Both semesters, one credit a semester.*

125-126. **PROBLEMS IN PHILOSOPHY.** A research course for honors students only. *Both semesters, three credits a semester.*

PHYSICAL EDUCATION AND ATHLETICS

SOUTHWESTERN offers a program of physical education and athletics which is designed to safeguard the student's health, to promote his physical development, and to emphasize the recreational value of exercise and competitive sports in college and in later life.

Physical Examination: A physical examination is required of every new student. The results of the medical examination are filed and are used to place students in either regular or adaptive classes. The results of the examination will aid students and physicians in the event of need of corrective measures.

Physical Education: All students are required to earn four semester credits in physical education, preferably during their freshman and sophomore years. Each semester satisfactorily completed carries one semester credit. The classes meet for one hour in the morning, three times a week, or for an hour and a half two afternoons a week. The students learn skills and techniques in a variety of team and individual sports and in addition are given instruction in health habits and body conditioning.

The physical education program for men includes basketball, badminton, bowling, tennis, golf, handball, tumbling, volleyball, physical conditioning, personal hygiene, and lectures concerning major sports.

Varsity Athletics: A full varsity program is conducted in football, basketball, cross-country, track, baseball, tennis, and golf.

The activities included in the program for women are volleyball, basketball, softball, field hockey, archery, tennis, golf, badminton, fencing, modern dance, exercises, and physical conditioning.

PHYSICS

Requirements for a major in Physics leading to the B.A. degree:

- (1) Physics 1-2, 1L, 2L, 23-24, 23L-24L, 25-26, 25L-26L.
- (2) Chemistry 11, 12, 12L.
- (3) Mathematics 17, 18, 25, 26.

Requirements for a major in Physics leading to the B.S. degree:

- (1) Physics 1-2, 1L-2L, 23-24, 23L-24L, 25-26, 25L-26L, 27, 31, 31L, 42-43, 51-52.
- (2) Chemistry 11, 12, 12L.
- (3) Mathematics 17, 18, 25, 26, 41.
- (4) The modern language requirements must be met in German or French.

NOTE: Students interested in a Physics major should take Physics 1-2 in the freshman year. The importance of mathematics in physics cannot be over-emphasized and prospective physics majors are urged to take 4 years of mathematics in high school.

The following program of courses has been outlined for the guidance of students planning to obtain a B.S. degree with a major in Physics.

FRESHMAN YEAR
 Physics 1-2, 1L-2L
 English 1-2
 Mathematics 17, 18
 *Bible 1-2, or Bible 3-4
 Physical Education

SOPHOMORE YEAR
 Physics 23-24, 23L-24L
 Physics 25-26, 25L-26L
 Mathematics 25, 26
 German 1-2 & 3-4 or
 French 1-2 & 3-4
 English 21-22
 Physical Education

*If Bible 1-2 is elected, a course in history must be taken, preferably History 1-2.

JUNIOR YEAR
 Physics 31, 31L
 Physics 42-43
 Physics 51-52
 Mathematics 41
 German 21-22 or French 21-22
 Chemistry 11-12, 12L
 Elective

SENIOR YEAR
 Physics 27
 Physics Electives
 (a) Physics 48L-49L
 (b) Physics 61-62
 (c) Physics 11-12
 Bible 51-52
 Elective

All laboratory courses in this department require a fee of \$15.00 and a breakage deposit of \$5.00 per semester. The cost of a student's breakage may exceed the amount of the deposit, or there may be a balance, which is refunded.

1-2. **GENERAL PHYSICS.** A study of the elements of mechanics, heat, sound, magnetism, electricity, optics and modern physics. Three lectures per week. Prerequisite, a knowledge of algebra and trigonometry. *Both semesters, three credits a semester.*

1L-2L. **GENERAL PHYSICS LABORATORY.** Basic experiments in mechanics, heat, sound, optics, electricity, magnetism and modern physics. The experiments are designed to acquaint the student with typical experimental problems and to demonstrate many types of scientific apparatus. Not less than three hours of laboratory per week. *Both semesters, one credit per semester.*

11-12. **MACHINE SHOP THEORY.** This course is open to physics majors only after consultation with the staff. It is intended to give students familiarity with the commonly used machine tools such as lathes, milling machines, shapers, drill presses, etc. Not less than one lecture or demonstration per week. *Both semesters, one credit per semester.*

23-24. **ELECTRICITY AND MAGNETISM.** The fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations. Electric and magnetic properties of matter. Transient and steady state currents. Theory of linear circuits. Three lectures per week. Prerequisites, Physics 1-2 and Mathematics 25. (Mathematics 25 may be taken concurrently.) *Both semesters, three credits a semester.*

23L-24L. **ELECTRICAL MEASUREMENTS LABORATORY.** A laboratory course designed to teach the fundamentals of electrical measurements, AC bridge measurements, nonlinear devices, filters, measurements at audio and radio frequencies. Not less than three hours of laboratory per week. *Both semesters, one credit per semester.*

25-26. **OPTICS AND RADIOMETRY.** A study of thin and thick lenses and lens aberrations, prism dispersion and mirrors. Interference, diffraction, dispersion and polarization. Interaction of light and matter. Blackbody radiation laws. Radiation detectors, design of radiometers and spectrometers. Three lectures per week. Prerequisites, Physics 1-2 and Mathematics 25. (Mathematics 25 may be taken concurrently.) *Both semesters, three credits a semester.*

25L-26L. **OPTICS LABORATORY.** Experiments dealing with lens systems, lens aberrations, prism dispersion and diffraction gratings: use of spectrometers, interferometers and radiometers. Analysis and application of polarized light. Thin films, metallic reflection, infrared spectroscopy. Not less than three hours of laboratory per week. *Both semesters, one credit a semester.*

27. THERMODYNAMICS AND STATISTICAL MECHANICS. First and second laws of thermodynamics; general thermodynamic formulas with applications to the properties of matter. Kinetic theory of gases, Maxwell-Boltzmann statistics, introduction to quantum statistics, fluctuations. Three lectures a week. Prerequisites, Physics 1-2 and Mathematics 41. *First or second semester, three credits.*

31. ELECTRONICS. A study of the basic theory and applications of the principal types of electron tubes, both vacuum and gaseous. Three lectures a week. Prerequisites, Physics 23-24, the latter may be taken concurrently with Physics 31; Mathematics 25. *First or second semester, three credits.*

31L. ELECTRONICS LABORATORY. Design, construction, and testing of vacuum tube circuits. Not less than three hours of laboratory per week. Prerequisite, Physics 23. *First or second semester, one credit.*

42-43. ATOMIC PHYSICS. A course intended to familiarize the student with the fundamental aspects of atomic spectra and structure. A study of the constituent particles of matter, electrons, protons, neutrons, mesons. Nuclear disintegration manifested in radioactivity and fission are treated at an advanced level. Three lectures per week. Enrollment only after consultation with the professor in charge. Prerequisites, Physics 1-2, Mathematics 26. *Both semesters, three credits per semester.*

48L-49L. ADVANCED LABORATORY. Selected experimental problems in electricity, mechanics, acoustics, spectroscopy, heat, wave analysis, nuclear physics, and other fields, with critical analysis of results. Not less than three laboratory hours per week. Prerequisite, advanced standing in physics and approval of instructor. *Both semesters, one credit a semester.*

51-52. ANALYTICAL MECHANICS. Elementary problems in statics, kinematics, and dynamics; the study of equilibrium of forces, rectilinear motion, curvilinear motion, central forces, constrained motion, energy, and moments of inertia. Prerequisites: Mathematics 25, 26, and 41; Physics 1-2. (Mathematics 41 may be taken concurrently.) *Both semesters, three lectures a week, three credits a semester.*

61-62. INTRODUCTION TO THEORETICAL PHYSICS. An elementary survey of the field of theoretical physics. Vector analysis, mechanics, hydrodynamics, thermodynamics, statistical mechanics, electromagnetism, quantum mechanics. Three lectures a week. Enrollment only after consultation with the instructor in charge. Prerequisites, Mathematics 41, advanced standing in physics. *Both semesters, three credits a semester.*

TUTORIAL COURSES

123. INFRARED SPECTROSCOPY. Introduction to infrared spectroscopy and radiometric techniques. Two lectures per week and not less than three hours of laboratory per week. Prerequisite, advanced standing in physics and approval of instructor, Mathematics 26. *First or second semester, three credits.*

127-128. HONORS RESEARCH. Open to candidates for Honors in Physics. Special laboratory research in a recognized branch of physics, usually related to research being carried on by members of the department. *Both semesters, three credits a semester.*

132. THE TEACHING OF PHYSICAL SCIENCES. (See Education 132.) A study of the methods and materials of classroom and laboratory instruction in high school physics and chemistry. *Either semester, three credits.*

POLITICAL SCIENCE

Requirements for a major in Political Science:

- (1) Political Science 21-22, 23, 24 or 34, 25; two semesters elected from: advanced courses in political science, International studies 31, 32, 35, 36, 41, 45, *in consultation with the department*; Senior Seminar 125-126, except for honors candidates.
- (2) History 21-22.
- (3) Economics 3-4.

NOTE: Students are advised to elect one year of philosophy.

15-16. **MODERN DEMOCRACY.** The theoretical foundations in religious and secular philosophy, and the development, in political, social, and economic aspects, of democracy in the modern world. The institutions, past and present, with special reference to the United States, embodying the democratic idea; and an appraisal of the democratic order in the furtherance of individual excellence and social good. The course will be suited to the general student, and current problems will be treated along with fundamentals. *Both semesters, three hours a week.*

21-22. **AMERICAN GOVERNMENT AND POLITICS.** A descriptive and critical survey of our national governmental system and current political problems. Structure and powers of Congress, Executive, Judiciary, and Federal agencies. Federal-state relations. The organization and activities of political parties. The concept and dynamics of democracy. *Both semesters, three hours a week.*

23-24. **EUROPEAN GOVERNMENTS.** The governments and politics of the British Empire, France, Germany, Switzerland, Italy, Russia, and other states.

Relevant comparisons with the American systems are made, recent trends analyzed and appraised, and possible future forms considered. *Both semesters, three hours a week.*

25. **STATE AND LOCAL GOVERNMENT.** The origin and growth of state constitutions. Organization and functioning of legislative, executive, and judicial branches. Suffrage, parties, and elections. Relations between state and local governments. County, township, and special districts. Municipal systems. City-county consolidation. Governments of New York and selected cities. Special attention throughout is directed to the states of the Mid-South. Reform projects at all levels are examined. *First semester, three hours a week.*

31-32. **POLITICS OF POWER.** Same as International Studies 31-32. *Both semesters, three hours a week.*

34. **GOVERNMENTS OF LATIN AMERICAN STATES.** The constitutional systems in theory and practice of Mexico, Panama, Venezuela, Brazil, Argentina, Uruguay, Chile, and other Latin nations. Constitutional origins and history are sketched and current problems and trends appraised. *Second semester, three hours a week.*

42. **UNITED STATES CONSTITUTIONAL LAW.** The fundamental principles of our American constitutional system as defined and developed through leading Supreme Court decisions. Prerequisite, Political Science 21-22. *Second semester, three hours a week.*

51. **POLITICAL PARTIES IN THE UNITED STATES.** The history, organization, and programs of our political parties, and their relationship to government on national and state levels. *First semester, three hours a week.*

53-54. **HISTORY OF POLITICAL THEORY.** A survey of theories of the state from the time of ancient Greece to the present day. Special attention is given to economic doctrines. 54 same as Philosophy 34. *Both semesters, three hours a week.*

55. **HISTORY OF AMERICAN POLITICAL THOUGHT.** A study of the ideas underlying American political institutions and practice, based on selected readings from our leading political thinkers. European sources. Colonial political thought. New England democracy. Theories of the Revolutionary era. Liberalism in Latin America. Natural rights. Federal or state sovereignty. Natural reason and due process of law. Economic freedom and the welfare state. *First semester, three hours a week.*

56. **PHILOSOPHY OF LAW.** The nature, obligation, and sources of law. The relation between law and ethics. Higher law doctrines and sovereignty. The judicial process. The Roman and Common Law systems. *Second semester, three hours a week.*

TUTORIAL COURSES

107-108. CONTEMPORARY LEGISLATION. A practical study of the more important politico-economic and politico-social measures pending in Congress and state legislatures. *Both semesters, three credits a semester.*

109-110. PROBLEMS OF POLITICAL SCIENCE. A course for juniors who intend to read for honors in the senior year. Selected readings in political theory and institutions. *Both semesters, three credits a semester.*

125-126. SENIOR SEMINAR. For majors in this department. The study of special fields together with a general integration of the materials in political science. The content of the course will be suited to the student's particular needs. *Both semesters, three credits a semester.*

127-128. SENIOR HONORS SEMINAR. For candidates for honors in political science. A comprehensive course involving a weekly minimum of sixteen hours of reading and two and a half hours of tutorial instruction. The program includes a broad study of the field of political science, intensive review and elaboration of courses taken for the major, political theory from ancient times to the present, and a special subject. *Both semesters, six credits a semester.*

PSYCHOLOGY

Requirements for a major in Psychology:

- (1) Psychology 21-22 and 31, and four additional semester courses.
- (2) One year of philosophy as approved by the Department of Psychology.
- (3) Biology 1-2.

NOTE: Psychology 21-22 is prerequisite to all advanced courses except Psychology 24. Students who take psychology with a view toward fulfilling requirements for teaching may elect Psychology 24 after taking Psychology 21.

21-22. GENERAL PSYCHOLOGY. Theories, principles, and data of general psychology. A laboratory fee of \$3.00 each semester. *Both semesters, three credits a semester.*

24. EDUCATIONAL PSYCHOLOGY. The application of psychological principles to the teaching-learning process. The study of individual differences and the application of principles and techniques which promote the mental, social, and emotional development of pupils. A laboratory fee of \$3.00. *Second semester, three credits.*

31. STATISTICS FOR PSYCHOLOGY AND SOCIOLOGY. Statistical analysis of psychological and sociological data. Lectures and laboratory work. Laboratory and materials fee of \$5.00. The same as Sociology 31. Not open to students presenting credit for Economics 33. *First semester, three credits.*

32. PSYCHOMETRICS. Critical examination of measures of intelligence, achievement, aptitude, personality, interest, and attitude. Laboratory and materials fee of \$5.00. Prerequisite, Psychology 31 or permission of instructor. *Second semester, three credits.*

33. PERSONALITY PSYCHOLOGY. The theories, development and correlates of personality. *First semester, three credits.*

34. ABNORMAL PSYCHOLOGY. Symptoms, etiology, and therapies of personality deviations. A laboratory fee of \$3.00. *Second semester, three credits.*

35. CHILD PSYCHOLOGY. Principles of development and of child-adult relationships. A laboratory fee of \$3.00. *First semester, three credits.*

36. ADOLESCENT PSYCHOLOGY. A continuation of developmental psychology through the adolescent years. *Second semester, three credits.*

39-40. SOCIAL PSYCHOLOGY. The psychological analysis of culture, class, caste, rôle, and group. Attitude and propaganda research methods. The same as Sociology 39-40. *Both semesters, three credits a semester.*

41. **HISTORY AND SYSTEMS OF PSYCHOLOGY.** A survey of the history of psychology, with particular attention to contemporary developments in stimulus-response psychology and field theory. *First semester, three credits.*

42. **EXPERIMENTAL PSYCHOLOGY.** A study of experimental methodology, apparatus, and representative research with the opportunity to carry out an original project under close supervision. Two hours lecture and at least four hours of laboratory each week. A laboratory fee of \$10.00. *Second semester, four credits.*

TUTORIAL COURSE

125-126. **SENIOR TUTORIAL.** The content of this course will be fixed after consultation with each student and in accord with his particular needs. *Both semesters, three credits a semester.*

RUSSIAN

NO MAJOR OFFERED

1-2. **ELEMENTARY RUSSIAN.** (Offered according to demand.) Elementary grammar, reading, and conversation. May not be taken to satisfy the degree requirements in modern languages. Prerequisite, at least a year's course in another modern language at college level. *Both semesters, three hours a week.*

SOCIOLOGY AND ANTHROPOLOGY

Requirements for a major in the department:

- (1) Sociology 21-22.
- (2) Six additional approved departmental courses.
- (3) Psychology 21-22 or Biology 1-2.

21-22. **SOCIETY AND CULTURE.** The data, concepts, and theories of sociology and anthropology. Includes an analysis of the nature of man, his personality, his social groups, his culture, and his problems. A laboratory fee of \$3.00 each semester. *Both semesters, three credits a semester.*

31. **STATISTICS.** Basic statistical techniques and concepts. Analysis of sociological and psychological data. Lectures and laboratory work. The same as Psychology 31. *First semester, three credits.*

33. **THE ARTS AND SOCIETY.** The nature and functions of the arts in society. Includes a study of primitive art, music and dance of Africa, the Americas and the South Pacific. A laboratory fee of \$3.00. *First semester, three credits.*

34. **RELIGION AND SOCIETY.** The forms, functions and dynamics of religion in society. Includes a cross-cultural analysis of the role of symbolism, mythology, magic and ritual in religious systems. *Second semester, three credits.*

37. **FIELD RESEARCH.** Aims, methods and principles of sociological and anthropological investigation. Includes lectures, field work, and a variety of student projects. *First semester, three credits.*

39-40. **SOCIAL PSYCHOLOGY.** The psychological analysis of role, group, class, caste and culture. Attitude and propaganda research methods. The same as Psychology 39-40. *Both semesters, three credits a semester.*

43. **THE FAMILY.** A study of the family from the comparative cultural point of view. Special attention is paid to the contemporary family, its functions and problems. A laboratory fee of \$3.00. *First semester, three credits.*

44. **SOCIAL PROBLEMS.** A study of some of the basic problems arising from man's social life: crime, racial strife, war, divorce and neurosis. The approach is both literary and scientific. *Second semester, three credits.*

47-48. **ARCHAEOLOGICAL FIELD STUDIES.** Field excavation of local Indian archaeological sites under professional supervision. Training in the use of basic tools and charts; site surveying, excavation, and analysis. Fee for materials, \$10.00. *Both summer terms, three credits a term.*

53-54. **THE WORLD OF MAN.** A survey of contemporary races and cultures designed to dramatize the significance of human similarities and differences. Special fields, theories, and problems of sociology and anthropology are analyzed. For departmental majors only. *Both semesters, three credits a semester.*

TUTORIAL COURSES

123-124. **CULTURE AND PERSONALITY.** A synthesis of materials from cultural anthropology, sociology and ethnopsychology as they relate to contemporary man. *Both semesters, three credits a semester.*

125-126. **SENIOR TUTORIAL.** The content of this course will be fixed after consultation with each student and in accord with his particular needs. *Both semesters, three credits a semester.*

SPANISH

Requirements for a major in Spanish:

(1) **Minimum requirements:** Eighteen semester credits above Spanish 23-24, including Spanish 41-42.

(2) **Recommended:** another modern foreign language, Latin, History 41-42, Political Science 34, philosophy, literature.

1-2. **ELEMENTARY SPANISH.** Pronunciation, fundamentals of grammar, composition, and reading of texts of graded difficulty. Normally this course is accompanied by Spanish 3-4. Students satisfying the modern language degree requirement in another language, however, may be exempted from Spanish 3-4. *Both semesters, three hours a week.*

3-4. **ELEMENTARY SPANISH CONVERSATION.** Practice in pronunciation, aural comprehension, and conversation. *Both semesters, two hours a week, one credit each semester.*

21-22. **INTERMEDIATE SPANISH.** Review and continuation of grammar; composition; training for oral proficiency. Reading of modern literary works of Spain and Spanish America. Prerequisite, one year of Spanish in college or two in high school. This course may be accompanied by Spanish 23-24. *Both semesters, three hours a week.*

23-24. **INTERMEDIATE SPANISH CONVERSATION.** Special training in pronouncing, speaking, and understanding Spanish. This course may be taken with or after Spanish 21-22, and it is required of all students who seek oral proficiency in Spanish as a degree requirement and do not attain such proficiency otherwise. *Both semesters, two hours a week, one credit each semester.*

41. **ADVANCED COMPOSITION AND CONVERSATION.** Advanced grammar, with emphasis on syntax. Introduction to phonetics and to stylistics. Reports and discussions in Spanish on selected aspects of Hispanic civilization. Prerequisite, Spanish 21-22 or the equivalent. *First semester, three hours a week.*

42. **INTRODUCTION TO SPANISH LITERATURE.** Reading of the principal works illustrative of literary trends and types from medieval times to the present. Prerequisite, Spanish 21-22 or the equivalent. *Second semester, three hours a week.*

51-52. **THE SPANISH GOLDEN AGE.** Readings, lectures, and reports on Spanish life and literature of the sixteenth and seventeenth centuries. **First semester:** prose and lyric poetry. **Second semester:** Golden Age drama. Prerequisite, Spanish 21-22 or the equivalent. (Not offered in 1960-61). *Both semesters, three hours a week.*

53-54. **MODERN SPANISH LITERATURE.** Readings in the poetry and drama of the Romantic Period, the nineteenth century regional novel, the Generation of '98, and in the contemporary novel, drama, and poetry. Prerequisite, Spanish 21-22 or the equivalent. (Not offered in 1960-61.) *Both semesters, three hours a week.*

55-56. SPANISH AMERICAN LITERATURE AND CIVILIZATION. Analysis of outstanding literary works from the Colonial Period to the present. Introduction to the civilization of Spanish America. Prerequisite, Spanish 21-22 or the equivalent. *Both semesters, three hours a week.*

TUTORIAL COURSES

101-102. RECENT SPANISH LITERATURE. Representative writings during and since the Romantic Period, or a detailed study of selected movements, authors, or types. *Both semesters, three credits a semester.*

103-104. CERVANTES. *Don Quixote* will be read in the first semester. In the second semester, the most important of Cervantes' minor works will be considered. Parallel readings on the life and times of Cervantes. *Both semesters, three credits a semester.*

105-106. LATIN AMERICA. Survey of Latin American literature and civilization, or a detailed study of selected movements, authors, or types. *Both semesters, three credits a semester.*

125-126. SENIOR TUTORIAL. Study of selected movements, authors, or types, to be determined by the student's individual needs. *Both semesters, three credits a semester.*

132. THE TEACHING OF SPANISH. (See Education 132.) Techniques of teaching elementary and intermediate Spanish. Methods and materials used in teaching pronunciation, grammar, composition, and conversation. Consideration of suitable reading. *Either semester, three credits.*

SPEECH AND DRAMATIC ART

NO MAJOR OFFERED

1. PRINCIPLES OF EFFECTIVE SPEAKING. Development in the student of the ability to meet the demands of speech in daily life, including voice recording, practice in enunciation, gesture and movement, short talks, and oral reading. Recommended to all students preparing for law, the ministry, teaching, or business. Laboratory fee of \$3.00. *First semester, three credits.*

2. PREPARATION AND DELIVERY OF SPEECHES. Theory and practice in formal and informal speaking; speech construction, composition, and delivery; study of audience and effective methods of organization and presentation; speech recording. Laboratory fee of \$3.00. *Second semester, three credits.*

4. ORAL INTERPRETATION OF LITERATURE. A study of the techniques for oral reading; the development of vocal flexibility and skillful and accurate diction; frequent practice in reading prose, poetry, and dramatic dialogue. The materials are chosen to further an appreciation of good literature. A laboratory fee of \$3.00. Prerequisite, Speech 1. *Second semester, three hours a week, two credits.*

21-22. DEBATE AND PUBLIC DISCUSSION. Principles of argumentation, logical analysis, organization of material, proof (logical and pathetic), rebuttal; methods of preparing for discussion; study of the audience; speech recording. Open to students whose ability in public speaking is regarded as satisfactory. *Both semesters, three hours a week, two credits a semester.*

23-24. THEATER ARTS. Principles of acting, directing, and pantomime; scenic design, theory of lighting and make-up, history of theatrical costume; the history of the theater; short plays and scenes from longer plays used as experimental vehicles. *Both semesters, three credits a semester.*

TUTORIAL COURSE

101-102. HISTORY OF THE THEATER. A study of the development of the theater from ancient times to the present. Topics investigated include theater architecture, methods of staging, theories of the drama, styles of acting, and the significant plays of each period. *Both semesters, three credits a semester.*

INTERDEPARTMENTAL COURSES

MAN IN THE LIGHT OF HISTORY AND RELIGION. A study of the origin and development of Christianity and its rôle in world affairs integrated with a study of the history of Western Civilization. In the first semester the basic texts are: (1) The historical books of the Old Testament, and selected passages from the Hebrew prophets, correlated with material from Egyptian, Babylonian, Assyrian, and Persian cultures. (2) The Gospels, Acts, and selected Epistles in the New Testament, studied with the background of Graeco-Roman thought and life. In the second semester, the material studied is selected to show the power of Christian thought in creating Western Civilization; its development in the Middle Ages; and its place in

Renaissance and Reformation thought. Much of the primary material is in the nature of a commentary on the Scriptures, e.g., the influence of the translation of the Bible on the Anglo-Saxon mind. The academic aim is twofold: (1) to train a student in handling the primary sources; (2) to create a realization of the rôle of the Christian world community in solving modern problems. A joint course given by professors from the Departments of Bible, History, and Philosophy; 3 credits in Bible and 3 in History each semester; book fee of \$5.00 per semester. Elective for freshmen. *Both semesters, six hours a week, six credits a semester.*

AMERICAN STUDIES 87-88. VARIETIES OF AMERICAN EXPERIENCE. An interdepartmental course in which significant Americans are studied from the point of view of their ideas and the expression that they give of these ideas in various fields of activity. Structure of the course emphasizes dialectical argument and a cumulative discussion of the ideas introduced. Subject matter drawn chiefly from history, philosophy, fiction, and poetry. No prerequisites but open only to juniors and seniors. *Both semesters, three credits a semester.*

American Studies 87-88 may be counted toward the following majors:

- (1) English: as part of the 24 semester hours of advanced English.
- (2) History: as advanced history courses by majors particularly interested in American history.
- (3) Philosophy: as an alternate for Psychology 21-22.

CHAPTER VII

THE SUMMER SESSION

Director: A. Theodore Johnson; *Advisory Board:* the Dean, the Dean of Men, the Registrar, the Comptroller, the Chairman of the Committee on Curriculum and Instruction, and the Chairman of the Committee on Classification.

The summer session provides a means whereby students may shorten considerably the time usually required for obtaining a college degree, or make up work not completed in the regular session, or take additional courses in various fields. It enables students who have just completed their secondary education to begin their college careers before the opening of the regular session. Teachers actively engaged in teaching in the public schools are invited to enroll at the half tuition rate.

COURSES OFFERED

Normally SOUTHWESTERN offers summer courses in Bible and Religion, biology, chemistry, economics, education, English, French, Spanish, history, mathematics, music, philosophy, psychology, speech, and dramatics. The college reserves the right, however, to withdraw any course for which there is an inadequate number of registrants. Courses in Greek and Latin will be offered if there is sufficient demand.

CREDITS

A total of twelve to fourteen semester credits may be obtained in the two summer terms. A student may attend either term or both terms. If one of the courses elected is a laboratory science, such as biology or chemistry, the student may elect in addition one non-science course and thus secure a maximum of fourteen credits. Students may elect two non-science courses both terms and thereby secure a total of twelve credits. All these classes meet for one and one-half hours each day. An additional period is required for laboratory courses.

ENTRANCE REQUIREMENTS

All students who are graduates of accredited high schools and have fifteen acceptable units of credit may enter the summer session and receive full college credit for the courses successfully completed. Students who are at least twenty years of age may be admitted as special students without having graduated from high school and may also receive credit for courses successfully completed. If college credit is not desired, the student may omit the final examination given in each course.

Students from other colleges who wish to take summer work at SOUTHWESTERN may enroll as unclassified students. They will not be required to submit transcripts of their previous college records. However, statements showing that they are in good standing in their own colleges must be presented to the Registrar at SOUTHWESTERN at the time of registration.

CHAPTER VIII

MEMPHIS ADULT EDUCATION CENTER

During the past fourteen years SOUTHWESTERN has developed a program which is providing an unusual experience in adult liberal education for Memphis. Since 1953 SOUTHWESTERN has been enabled to expand its offering in this field through grants from the Fund for Adult Education. Memphis was included in the Fund's "Test Cities" program, and SOUTHWESTERN is currently one of the colleges engaged in the Fund's "Selected Institutions" project.

By careful planning the Burrow Library was designed to house the operating center of an extensive program of adult education as a service to the community. The ground floor of this building, with its large, well-furnished display and assembly room, offices, discussion rooms, and storage closets, is provided by SOUTHWESTERN for this project. On November 4, 1953, a ceremony was held dedicating this area as the Memphis Adult Education Center.

The staff personnel is as follows: Granville D. Davis, Ph.D., Executive Director; Laurence F. Kinney, Ph.D., Director of Academic Relations; Alfred O. Canon, Ph.D., Dean of Alumni; Raymond S. Hill, M.F.A., Coordinator of Mass Media; Miss May Maury Harding, B.A., Director of Programs; Howard C. Will, Jr., A.B., Associate in Adult Education; Mrs. Robert E. Shroder, Secretary.

Two of these staff members were added in September, 1956. Recognizing its continuing responsibility to all who began their education at SOUTHWESTERN, the college has named a Dean of Alumni, a position hitherto unknown in American education. Dean Alfred O. Canon is projecting the program of adult education into the community of college alumni, encouraging the concept of a lifetime of learning among the graduates of all institutions.

In acknowledgement of the impact of the media of mass communication on modern life, Raymond S. Hill has been appointed Coördinator of Mass Media. Here the services of television, radio, films, newspapers, magazines, and superior paperback books are being utilized to encourage liberal adult education activities.

The growing interest in adult discussion groups throughout the large Mid-South region served by SOUTHWESTERN made it necessary to add Howard C. Will, Jr., to the staff in October, 1958. Mr. Will acts in the dual capacity of Area Representative for the Great Books Foundation and of Associate in Adult Education for the Adult Center.

Since September, 1955, an important new program has been in operation at the Center. An "Institute for Executive Leadership" has been established with the purpose of developing leaders in the field of business. Its one-year liberal arts curriculum has been designed to help provide the vision that will encourage imaginative planning

on the part of the executive. The participants meet three hours a week and have as guides, in addition to the regular staff, some of the nation's most distinguished educators, businessmen, and men of letters.

More than eighteen hundred registrants participated in various study-discussion programs of liberal education during the past year. Thirty different programs were offered under the following categories:

Man and His Universe	Man and His Achievements
Man and His Society	Man and His Aspirations

In addition to the eighty Memphis discussion groups, twenty-four groups were established in nearby communities: at Huntsville in Alabama; at Blytheville, Helena, Marianna, and West Memphis in Arkansas; at Brookhaven, Clarksdale, Columbus, Corinth, Jackson (two groups), Indianola, Kosciusko, Laurel, Lexington, Natchez, Rolling Fork, and Shelby in Mississippi; and Cordova, Covington, Dyersburg, Jackson, Newbern, and Ripley in Tennessee.

CHAPTER IX

MEMPHIS COLLEGE OF MUSIC

The Music Department of SOUTHWESTERN

VERNON H. TAYLOR *Director*
GLADYS CAUTHEN *Dean of the Music Faculty*
COLLEEN PLAUCHÉ *Secretary*

The Memphis College of Music was organized in 1933. Having become affiliated with SOUTHWESTERN in 1938 it became the Music Department of SOUTHWESTERN in 1943, at which time it moved into the Galloway Mansion at 1822 Overton Park Avenue. All work in applied music is done at this building whereas all classes are held on the main campus.

Complete courses leading to degrees in church music, school music, applied music, and theory are offered under an exceptionally well qualified faculty. In addition to the above curricula leading to the Bachelor of Music degree, a Bachelor of Arts degree with concentration in the literature and theory of music is offered. All full-time students of college age are regular members of the SOUTHWESTERN student body and may reside in the SOUTHWESTERN residence halls. Practice rooms are available both at the College of Music and on the main campus.

The work of the Memphis College of Music is recognized by the State of Tennessee and by full membership in the National Association of Schools of Music. It is further approved through SOUTHWESTERN's membership in the Southern Association of Colleges and Secondary Schools.

Students are urged to choose either the course in Church Music or in School Music, for the completion of these programs will give them good assurance of satisfactory employment after they graduate. For those who show exceptional ability as performers, the applied music curriculum is recommended; for those interested in preparing for graduate work in theory and composition, the curriculum in theory is available. The Bachelor of Arts course prepares for graduate study in musicology, in theory, and in composition, and gives also a fine cultural background for better living.

THE MUSIC FACULTY

(Listed alphabetically by departments)

PIANO

GLADYS CAUTHEN

(Pupil of Theodor Bohlmann, Mrs. E. T. Tobey, William H. Sherwood, and Ernest Hutcheson. President, Memphis College of Music, 1933-1943)

Dean, Music Faculty

IALEEN T. DUNNING, B.M.

(B.M., American Conservatory; pupil of Theodor Bohlmann, Silvio Scionti, Ernest Collins, and Egon Petri)

LOIS MAER

(Graduate, Bolling-Musser School of Music; pupil of Sigismund Stojowski, Rudolph Ganz, and Egon Petri)

MYRON MYERS, M.Mus.

(B. Ed., Milwaukee State Teachers College; M.Mus., University of Michigan; pupil of Joseph Brinkman and Artur Schnabel)

JANE SODERSTROM, M.A.

(B.A., B.M., SOUTHWESTERN AT MEMPHIS; M.A., Mills College; pupil of Lois Maer and Egon Petri)

MAUDE WALKER

(Student at Institute of Musical Art in New York and Teachers College, Columbia University, and at Washington University; pupil of Henrietta Michelson)

GERTRUDE M. DOUD, B.M.

(B.M., Memphis College of Music; pupil of Lois Maer and Rudolph Ganz)

MARY S. KNITZER

(Graduate, Juilliard Graduate School; pupil of Theodor Bohlmann, Ernest Hutcheson, and Alexander Siloti)

MARTHA ANNE BOYD, B.M.

(B.M., Memphis College of Music; pupil of Myron Myers)

*PHYLLIS THORNBURG, B.M.E.

(B.M.E., Drake University)

PETER N. SYNNESTVEDT, B.M., M.M.

(B.M., M.M., Eastman School of Music)

* On Leave of Absence.

THEORY, LITERATURE, AND EDUCATION

WILLIAM J. GRAVESMILL, M.MUS.
(B.M. and M.Mus., Oberlin College)

VIRGINIA LOWERY MYERS, M.MUS.
(B.M., Memphis College of Music; M.Mus., University of Michigan;
pupil of Myron Myers, Joseph Brinkman, and Artur Schnabel)

LALA A. STEPHENS, B.M.E., M.MUS.
(B.M.E. and M.Mus., Northwestern University)

RUTH WOOD TUTHILL, A.B., B.M.
(A.B., Western College, Oxford, O.; B.M., Cincinnati Conservatory of Music)

VOICE

NEUMON LEIGHTON, B.M.
(B.M., University of Arkansas; studied at Royal Italian University, Perugia)

MARGARET MOORE WHITTINGTON
(Pupil of Virginia Sledge and Neumon Leighton)

VIOLIN

DERRY DEANE, M.MUS.
(B.M., Eastman School of Music, University of
Rochester; M.Mus., University of Illinois)

VIOLONCELLO

*PHYLLIS THORNBURG, B.M.E.
(B.M.E., Drake University)

PETER N. SYNNESTVEDT, B.M., M.M.
(B.M., M.M., Eastman School of Music)

ORGAN

ADOLPH STEUTERMAN, F.A.G.O.
(Pupil of Dr. T. Tertius Noble, Dr. William C. Carl, and Charles Galloway;
Organist, Calvary Episcopal Church, Memphis)

WILLIAM J. GRAVESMILL, M.MUS.
(B.M. and M.Mus., Oberlin College).

HARP

RUTH MOORE COBB
(Pupil of Carlos Salzedo)

FLUTE

ANNE T. REYNOLDS, B.A., B.M.
(B.A., SOUTHWESTERN AT MEMPHIS; B.M., Memphis College of Music;
flute pupil of Ary van Leeuwen, Edwin Lennig, Laurent Torno,
and Georges Laurent; flute, Memphis Sinfonietta)

* On Leave of Absence.

COURSES OF STUDY

SOUTHWESTERN offers the Bachelor of Arts degree with a major in music (theory and literature) and the Bachelor of Music degree with a major in school music, church music, applied music (piano, organ, voice, violin, violoncello, flute, clarinet, horn, and harp), or in theory and literature. The curricula leading to these degrees are listed below. Emphasis is placed upon the degrees in school music and church music as the most practical in preparation for available positions upon graduation.

Credit in applied music is based on hours of practice, one semester hour being granted for each three hours per week of practice during a semester, plus the necessary instruction—one hour or more per week. *Not more than six semester hours in applied music may be earned in any one semester.* It is understood that credit is not earned unless final examinations are passed.

The requirements for entrance and graduation as set forth in this catalogue are in accordance with the published regulations of the National Association of Schools of Music.

CURRICULA LEADING TO DEGREES

Bachelor of Arts with a major in Music (theory and literature):

FRESHMAN YEAR		SOPHOMORE YEAR	
Music 11-12.....	6	Music 23-24	8
*Applied music	2	Applied music	2
English 1-2	6	English 21-22	6
Bible 1-2	6	Music 31-32	6
History 1-2	6	Greek, Latin, or mathematics...	6
Greek, Latin, or mathematics...	6	Physical education	2
Physical education	2	Choir or orchestra.....	2
Choir or orchestra.....	0		
JUNIOR YEAR		SENIOR YEAR	
Music 42 and 61.....	4	Music 33-36 or 37-38.....	6
Music 51-52	4	Applied music	2
Applied music	2	Bible 51-52	6
Biology, chemistry, or physics...	8	Modern language	6
Modern language	8	Social Science	6
Philosophy or psychology.....	6	Choir or orchestra.....	2
Choir or orchestra.....	2		

*The student is expected to acquire proficiency at the piano sufficient for reading Bach chorales in the original clefs and the easier Haydn quartets from the score.

Note: Instead of Bible 1-2 and History 1-2 a student may take Bible 3-4, Man in the Light of History and Religion.

Bachelor of Music with a major in School Music:

FRESHMAN YEAR		SOPHOMORE YEAR	
*Applied Music	6	Applied Music	8
Music 11-12	6	Music 23-24	8
English 1-2	6	Psychology 21-24	6
Bible 1-2	6	Mathematics 11	3
Science	8	Sociology 41	3
Choir or orchestra.....	0	Social studies	3
Physical education	2	Choir or orchestra.....	2
		Physical education	2

*Each student must elect a major field in applied music and pursue its study throughout the four-year course; the student must also study four minor fields, preferably one each year.

The student majoring in piano may substitute piano pedagogy and practice teaching (Music 81, 82, 83 and 84) for the instrumental methods courses in the minor fields, but must study voice for at least one year.

JUNIOR YEAR		SENIOR YEAR	
Applied Music	8	Applied Music	8
Music 31-32	6	Music 42	2
Education courses	6	Music 55 and 61.....	4
Music 91-92	4	Bible 51-52	6
Music 51	2	English 21 or 22.....	3
Social studies (a second field)..	6	Music 93-94	4
Choir or orchestra.....	2	Music 95-96	4
		Choir or orchestra.....	2

Bachelor of Music with a major in Church Music:

FRESHMAN YEAR		SOPHOMORE YEAR	
**Organ or voice	6	Organ or voice	8
Music 11-12	6	Music 23-24	8
English 1-2	6	Language	6
Bible 1-2	6	Music 31-32.....	6
French, German, or Latin	6-8	Choir or orchestra	2
Choir or orchestra.....	0	Physical education	2
Physical education	2		

JUNIOR YEAR		SENIOR YEAR	
Organ or voice	8	Organ or voice	8
Music 25-30.....	6	Music 27-28	6
Music 51-52	4	Music 42	2
Music 55 and 61.....	4	Bible 45 or elective.....	3
Psychology or philosophy	6	Bible 51-52.....	6
Academic elective	6	Choir	2
Choir	2		

Bachelor of Music with a major in Church Music and Christian Education:

FRESHMAN YEAR		SOPHOMORE YEAR	
**Organ or Voice	6	Organ or Voice	6
Music 11-12	6	Music 23-24	8
English 1-2	6	English 21-22	6
Bible 1-2	6	Psychology 21	3
French, German, or Latin	6-8	Music 31-32	6
Choir	0	Choir	2
Physical Education	2	Physical Education	2
JUNIOR YEAR		SENIOR YEAR	
Organ or Voice	7	Organ or Voice	7
Music 25, 30	6	Music 27-28	6
Music 51-52	4	Music 42	2
Music 55	2	Bible 51-52	6
Music 61	2	Bible 45-46*	6
Bible	6	Psychology 36, or Art 34	3
Psychology 35, or Art 33	3	Choir	2
Choir	2		

* To include field work.

** Unless the student is adequately prepared in piano, additional study will be required.

Bachelor of Music with an instrumental major.

FRESHMAN YEAR		SOPHOMORE YEAR	
*Instrument IX	10	Instrument X	10
Music 11-12	6	Music 23-24	8
English 1-2	6	English 21-22	6
Bible 1-2	6	Academic elective	6
Choir, orchestra, or ensemble...	0	Choir, orchestra, or ensemble...	2
Physical education	2	Physical education	2
JUNIOR YEAR		SENIOR YEAR	
Instrument XI	12	Instrument XII	12
Music 51-52	4	Music 42 and 61	4
Music 31-32	6	Music 81-82	2
Academic elective	6	Bible 51-52	6
Choir, orchestra, or ensemble....	2	Academic elective	6
		Choir, orchestra, or ensemble....	2

*All students not majoring in piano must study piano at least in the freshman and sophomore years and thereafter until the requirements of Piano A and B have been met.

NOTE: Piano majors who wish to concentrate on preparation for teaching rather than for performance may take the following curriculum during the junior and senior years.

JUNIOR YEAR		SENIOR YEAR	
Instrument XI	10	Instrument XII	10
Music 51-52	4	Music 42 and 61.....	4
Music 31-32	6	Bible 51-52	6
Psychology 21-24.....	6	Academic elective	6
Music 81-82.....	2	Practice teaching 83-84.....	2
Music 91-92	4	Choir, orchestra, or ensemble...	2
Choir, orchestra, or ensemble...	2		

Bachelor of Music with a major in Voice:

FRESHMAN YEAR		SOPHOMORE YEAR	
Voice IX	4	Voice X	6
Piano A	4	Piano B	4
Music 11-12	6	Music 23-24	8
English 1-2	6	Foreign language (Italian)	6
Bible 1-2	6	Academic elective.....	6
Choir	0	Choir	2
Physical education	2	Physical Education	2

JUNIOR YEAR		SENIOR YEAR	
Voice XI	10	Voice XII	10
Music 51-52	4	Music 42 and 61.....	4
Music 31-32	6	Music 55	2
Foreign language (French).....	8	Foreign language (German)...	8
Choir	2	Bible 51-52	6
		Choir	2

Bachelor of Music with a major in Theory or Composition:

FRESHMAN YEAR		SOPHOMORE YEAR	
Piano	4	Piano	4
String instrument	4	Music 23-24	8
Music 11-12	6	Music 51-52	4
English 1-2.....	6	Music 42	2
Bible 1-2	6	English 21-22	6
Choir and orchestra.....	0	Academic elective	6
Physical education	2	Choir and Orchestra.....	2
		Physical education	2

JUNIOR YEAR		SENIOR YEAR	
Wind instrument	4	Wind instrument or piano.....	4
Music 57-58	4	Music 33-36 or 37-38.....	6
Music 71-72	4	Music 73-74	4
Music 63-64	4	Bible 51-52	6
Music 31-32	6	Academic elective	6
Academic elective	6	Choir or orchestra.....	2
Choir or orchestra.....	2	Ensemble	2
Music 55	2		

CLASS COURSES

11-12. **THEORY OF MUSIC.** A combined course including ear training, dictation, sight singing, written and keyboard harmony. *Both semesters, five hours a week, three credits a semester.*

23-24. **ADVANCED THEORY.** A continuation of the above course, including a survey of twentieth century usages. *Both semesters, five hours a week, four credits a semester.*

25. **HYMNODY.** A chronological survey of hymn literature from the early Christian era to the present, with considerable performance in class. This course is designed for students going into the ministry or religious education or church music. No music prerequisite, but ability to read music is desirable. *First semester, three hours a week.*

27. **LITURGICAL MUSIC.** A survey of the liturgies of the various Christian faiths and the chants and responses appropriate to these, with considerable performance in class. No music prerequisite, but ability to read music is desirable. *First semester, three hours a week.*

28. **CHURCH MUSIC REPERTORY.** A survey of the repertory of anthems and organ music appropriate to the Protestant service, with considerable performance in class. No music prerequisite, but ability to read music is desirable. *Second semester, three hours a week.*

30. **CHURCH MUSIC.** A course stressing the practical application of the material surveyed in courses 25, 27, and 28. Designed to prepare the student for the ministry of music in both liturgical and non-liturgical churches. Open to non-music majors with the permission of the instructor. *One semester, three hours a week.*

31-32. **HISTORY OF MUSIC.** A survey of the history and literature of music from Graeco-Roman times to the present. Open to non-music majors with the permission of the instructor. *Both semesters, three hours a week.*

33. **BAROQUE ERA.** A detailed survey of music from Bagrieli to Bach and Handel. Open to non-music majors with the permission of the instructor. *First semester, three hours a week.*

36. **CLASSICAL PERIOD.** A survey of the music of Haydn, Mozart, and their contemporaries. Open to non-music majors with the permission of the instructor. *Second semester, three hours a week.*

37. **ROMANTIC ERA.** A survey of music from Beethoven to Dvorak. Open to non-music majors with the permission of the instructor. *First semester, three hours a week.*

38. **MUSIC OF OUR TIMES.** A survey of music from the late nineteenth century to the present time. Open to non-music majors with the permission of the instructor. *Second semester, three hours a week.*

42. **FORM AND ANALYSIS.** A study of musical form through the analysis of homophonic and contrapuntal compositions. *One semester, two hours a week, two credits.*

51-52. **COUNTERPOINT.** Two part modal counterpoint. Tonal counterpoint in various forms. *Both semesters, two hours a week.*

55. **CONDUCTING.** The technique of the baton. Methods of rehearsal. The development of good choral and instrumental tone. Practice in directing chorus. *First semester, two hours a week, two credits.*

57-58. COUNTERPOINT: CANON AND FUGUE. A course for theory and composition majors. *Private lessons only, four credits.*

61. INSTRUMENTATION. The instruments of the orchestra and their technique. Period styles of orchestration through a study of scores. *Second semester, two hours a week, two credits.*

63-64. ADVANCED ORCHESTRATION. Scoring of original compositions. Combining the orchestra with chorus and soloists. Private lessons only. *Four credits in all.*

71-72. COMPOSITION. Practical original composition in the simpler forms up to and including sonatina form. Private lessons. *Both semesters, two hours a week, two credits a semester.*

73-74. ADVANCED COMPOSITION. Variation and rondo forms. A complete sonata is written during the second semester. Private lessons only. *Six credits for the year.*

MUSIC EDUCATION

81-82. PIANO PEDAGOGY. A study of methods and materials of piano teaching, with special emphasis on a broad knowledge of piano literature. *Both semesters, one credit a semester.*

83-84. PIANO PRACTICE TEACHING. For piano pedagogy majors. *Either semester, two credits, or both semesters with one credit each semester.*

85-86. STRING INSTRUMENT METHODS. Class instruction in the stringed instruments, such as violin, viola, violoncello, and bass, and in class-teaching methods. *Both semesters, two hours a week.*

91-92. METHODS, PRIMARY GRADES. Aims and objectives of music education; materials and methods for kindergarten and primary grades. *Both semesters, two hours a week.*

93-94. METHODS, JUNIOR AND SENIOR HIGH SCHOOL. Vocal music in the junior and senior high schools. The adolescent voice. The general supervision of the music program. *Both semesters, two hours a week.*

95-96. PRACTICE TEACHING. Observation and practice teaching in the primary grades—the first through the sixth—in the first semester, and in the high school in the second semester. A total of 45 hours to be spent each semester in the class room. *Both semesters, two credits a semester.*

PERFORMING GROUPS

CHOIR. The SOUTHWESTERN Singers, an a cappella choir averaging ninety voices. This organization appears at the regular convocation services of SOUTHWESTERN and on many occasions before the public of Memphis. An annual tour of three or more days is made. *No credit for the first year; one credit a semester thereafter.*

ORCHESTRA. A symphonic orchestra composed of students assisted by members of the faculty and others, affording opportunity to study standard and modern orchestral music. Student soloists are featured. *Two credits a year.*

REQUIREMENTS IN APPLIED MUSIC

Each student, on entering the college division, will be given a placement test in applied music by the department in which he will major; if he is not a piano major, a piano examination will also be given to determine whether or not he will be required to take secondary piano courses A and B. The examination will consist of the performance of a composition chosen by the student and a simple exercise in sight reading.

Students majoring in applied music in the Bachelor of Music degree course must complete the work of courses IX, X, XI, and XII for their major and give at least one complete recital; a second recital is recommended. Students majoring in school music or taking the Bachelor of Arts degree with a music major must complete courses IX and X and will give a joint recital with another student. Credit for these courses will be given only when final examinations before the entire faculty have been passed.

Students planning to specialize in music should study the entrance requirements carefully and choose their repertoires from the suggested studies and compositions.

PIANO

REQUIREMENTS FOR ENTERING THE COLLEGE DIVISION

To enter the four-year degree course in piano the student should be grounded in musicianship and reliable technique. He should play all major and minor scales correctly in moderately rapid tempo, also broken chords in octave position in all keys, and should have acquired systematic methods of practice.

He should have studied some of the standard etudes, such as Czerny, op. 299, Book I; Heller, op. 47 and 46; Bach, *Little Preludes*; a few Bach two-part *Inventions*, and compositions corresponding in difficulty to Haydn's *Sonata 11, No. 20* (Schirmer), Mozart's *Sonata 39, No. 3* (Schirmer), Schubert's *Impromptu, Op. 142, No. 2*, and Mendelssohn's *Songs Without Words*.

Students taking the Bachelor of Arts degree will study the piano as a means of reading scores at the keyboard; they will be required to read Bach chorales in the original clefs and the easier Haydn quartets from score.

COLLEGE DIVISION

Piano IX. All major and minor scales in octaves, 3rds, 6ths, and 10ths, through four octaves, M. M. 88, four notes to the beat; all major and minor triad, dominant, and diminished seventh arpeggios, through four octaves, in all positions, M. M. 80, four notes to the beat; Czerny, *Art of Finger Dexterity, Op. 740*; Bach three-part *Inventions*; Beethoven *Sonatas* equivalent in difficulty to Opus 10, No. 1 and Opus 14, No. 1; romantic and modern pieces of corresponding difficulty.

Piano X. All major and minor scales as in Grade IX, M. M. 108; all arpeggios as in Grade IX, M. M. 92; Clementi, *Gradus ad Parnassum*; Bach, *Well-Tempered Clavichord*; Beethoven, sonatas equivalent in difficulty to Opus 2, No. 3; romantic and modern pieces of corresponding difficulty.

Piano XI. Chopin, *Etudes*; Beethoven, sonatas equivalent in difficulty to Opus 31; or a classic or romantic concerto; Bach, *Well-Tempered Clavichord*; classic, romantic, and modern pieces.

Piano XII. Bach, a larger work, such as the *Chromatic Fantasy* and *Fugue*, or transcriptions of his organ works by Liszt, Busoni, Tausig, D'Albert; Beethoven, later sonatas, such as Opus 53, 57; a romantic or modern sonata or concerto; classic, romantic, and modern composition in the larger forms.

Piano A and B. Special piano courses for students majoring in Violin and Voice, giving them the fundamentals of piano playing and enabling them to play simple piano accompaniments for violin solos and songs.

VOICE

REQUIREMENTS FOR ENTERING THE COLLEGE DIVISION

The possession of a voice of reasonable quality and the ability to sing in pitch a simple song or hymn. A knowledge of the rudiments of music. Some knowledge of the piano is urgently recommended.

END OF SECOND YEAR

At the end of the second year the student should have acquired a knowledge of breath control, principles of enunciation, and pronunciation as applied to singing, tone placement, and the essentials of interpretation. He should demonstrate his ability to sing major and minor scales and arpeggios and be able to sing one or more of the less exacting arias of opera and oratorio; also several standard songs from memory. He should have acquired knowledge of one language in addition to English.

END OF FOURTH YEAR

The candidate for graduation should demonstrate the ability to sing the more difficult arias of opera and oratorio in English and in two foreign languages, a knowledge of recitative in both the free and measured forms, knowledge of the general song literature, and the ability to give a creditable recital. The repertory for immediate use should consist of at least four operatic arias, four oratorio arias, twenty classic songs, and twenty modern songs.

The candidate should have completed four years of ensemble singing; he must have completed, also, sufficient piano study to enable him to play accompaniments of average difficulty.

ORGAN

REQUIREMENTS FOR ENTERING THE COLLEGE DIVISION

To enter the four year degree course in organ the student should have completed sufficient piano study to enable him to play some Bach inventions, Mozart sonatas, easier Beethoven sonatas, and compositions by Mendelssohn, Grieg, Schubert, and Schumann.

END OF SECOND YEAR

At the end of the second year the student should have acquired the ability to play the following compositions or others of similar grade:

Bach (Widor-Schweitzer Edition)

- Vol. I, No. 10, Fugue à la Gigue
- Vol. II, No. 15, Toccata and Fugue in D minor
- Vol. II, No. 17, Fugue in G minor
- Vol. V, Trio Sonatas
- Smaller Chorale Preludes

Compositions for the modern organ by standard American and foreign composers.

He should also demonstrate ability in sight reading, in the accompaniment of the classic oratorios and masses, and in general service playing.

END OF FOURTH YEAR

The candidate for graduation should have acquired ability in transposition at sight, open score reading, and improvisation. He should have a large repertory of organ literature of all schools, classic and modern, of the degree of difficulty indicated by the following.

Bach (Widor-Schweitzer Edition)

- Vol. II, No. 12, Prelude and Fugue in D major
- Vol. IV, No. 1, Toccata in F
- Vol. IV, No. 4, Fantasie and Fugue in G minor
- Vol. IV, No. 8, Passacaglia et Thème Fugatum in C minor
- Larger Chorale Preludes

Compositions for modern organ by contemporary American and foreign composers.

VIOLIN

REQUIREMENTS FOR ENTERING THE COLLEGE DIVISION

Students must demonstrate ability to hear pitch and show aptitude for the violin; play major scales and etudes of the difficulty of Wohlfart or Kayser, and such pieces as the *Dancla Airs Variés*.

COLLEGE DIVISION

Violin IX. Production of a good tone; accuracy in pitch and rhythm in etudes, scales and arpeggios through two octaves in varying rhythmic patterns and bowings; execute legato, détaché, and martelé bowings; demonstrate ability in the use of vibrato, the trill, double stops, and harmonics; playing from memory and in a musically satisfactory manner six pieces and two "student" concertos in such a way as to demonstrate an understanding of phrasing and its relation to bowing.

Violin X. Mazas and Dont etudes, with special exercises by Schradieck, Sevcik, and Spiering for the development of both left hand and bow-arm technique; major and minor scales and arpeggios in three octaves in varying rhythmic patterns and bowings; simpler scales in thirds; playing from memory in a musically satisfactory manner six pieces and two concertos, such as Vivaldi, E minor, Bach, A minor, or de Beriot, No. VII.

Violin XI. Kreutzer etudes with good tone, intonation, and style; scales and arpeggios with more difficult bowings, namely spiccato and staccato; also scales in sixths; sight-read works of medium difficulty; playing from memory a sonata, such as Tartini G minor, a classical concerto, and six pieces of concert calibre.

Violin XII. Rode etudes in good style; scales and arpeggios as above (M-120—4 notes to the beat); also in octaves; sight-reading of first violin and viola parts of Haydn String Quartets; sight-reading of simple piano accompaniments; playing from memory a complete recital including a sonata, a concerto by Bruch, Mendelssohn, or Wieniawski, and two groups of concert pieces.

During the course the student must acquire four years of orchestral or ensemble experience.

REGULATIONS

1. No student desiring credits may enroll for less than a semester, except during the summer session, when students may enroll for six weeks.
2. Special students may enter for private lessons at any time.
3. All students must take part in recitals as often as possible. All candidates for the Bachelor of Music degree in applied music or church music must give a complete recital during the senior year; those majoring in school music or composition give a recital program jointly with another student.
4. Tuition is payable in advance by the semester.
5. *No deduction will be made for missed lessons*, except in case of protracted illness; such lessons will be made up at the convenience of the instructor. Class lessons missed for any reason whatsoever will not be made up.
6. Candidates for degrees in music are required to attend regularly their classes, the student and faculty recitals, and an assigned number of public concerts.
7. All business matters must be transacted at the business office and all fees paid there.
8. Students enrolled for degrees in music must pursue at SOUTHWESTERN all musical studies for which they wish credit.
9. No student may give public performances without specific permission of the teacher or director for each one of such performances.

CHAPTER X

PRIZES, GIFTS, ENDOWMENTS, AND MEMORIALS

The Spencer Prizes in Greek. These prizes, founded in memory of Mr. H. N. Spencer, of Port Gibson, Mississippi, are awarded to those students in each class who attain the highest distinction. The prize in Greek 1-2 is \$10.00; in Greek 21-22 is \$20.00; in Greek 51-52 or Greek 53-54 is \$30.00. In addition, there is awarded to the student who has attained the highest absolute, not merely relative, grade during the four years of his Greek courses a prize of \$40.00.

The Belk Bible Medal. This medal, founded by Mrs. George W. Belk, of Williamsburg, Virginia, in memory of her husband, the late Reverend George W. Belk, D.D., who was pastor of Evergreen Presbyterian Church, Memphis, Tennessee, from October 1, 1931, to the time of his death, March 19, 1934, is awarded annually to the first-year student who attains the highest distinction in Bible 1-2 or Bible 3-4.

The Chi Omega Prize. The Chi Omega sorority offers a prize of \$15.00 to the woman student who attains the highest scholastic standing in Political Science 21 and 22.

The Seidman Trophy. This plaque, donated by Mr. P. K. Seidman, of Memphis, in memory of his nephew, Thomas Ehler Seidman, who died in March, 1937, is to be awarded each year to a member of the graduating class. The trophy is intended to recognize outstanding excellence in both scholarship and athletics, and the selection of the student is to be made by the Faculty Committee on Physical Education and Athletics, together with the President of the college and the Dean of Men.

The Seidman Awards in Economics and Political Science, provided annually by Mr. P. K. Seidman, Memphis, Tennessee.

The Memphis Panhellenic Association, in its desire to encourage scholarship, will present an award to the sorority woman of the graduating class at SOUTHWESTERN AT MEMPHIS having the highest scholastic average for her entire college course. This award, a silver platter, will be engraved with her name and the name of her sorority, and will remain in the possession of that sorority until time for its presentation the following year. At the conclusion of a ten-year period, the award will be the permanent property of the sorority whose name appears most often in the inscription upon it. The first presentation was made at the end of the 1946-47 session.

The Algernon Sydney Sullivan Awards, a medallion and certificate, provided by the New York Southern Society of the City of New York, to be awarded to the man and woman students of the graduating class and to one outstanding citizen of the community who best exemplify the ideals of Mr. Sullivan.

SCHOLARSHIPS

The endowed scholarships have a capital value of varying amounts, depending entirely upon the amount which the donor provides. The awards to students are made on the basis of the average annual returns on the college's invested funds.

Scholarships have been endowed wholly or in part as listed below.

In memory of W. S. Lindamood, established by Mrs. W. S. Lindamood and family, Columbus, Mississippi.

In memory of the Reverend Mr. William Nathan Jenkins, established by Mrs. Pearl C. Jenkins, Crystal Springs, Mississippi.

In memory of Mr. and Mrs. James Affleck, established by Mrs. W. B. Bloomfield, New Orleans, Louisiana.

In memory of Olive Manson Pitcher, established by Mrs. Elizabeth O. Pagaud, New Orleans, Louisiana.

In memory of Raymond L. Curtiss, established by the late Mr. and Mrs. L. L. Curtiss, Jackson, Tennessee.

Three scholarships, *in memory of Hugh M. Neely*, established by the late Mrs. Mary Sneed Neely, Memphis, Tennessee. The beneficiaries are chosen by a self-perpetuating committee.

In memory of James Murphy Summerville, established by Mrs. J. M. Summerville, Aliceville, Alabama. (Ministerial Scholarship.)

The Files Sisters Memorial Scholarship, established by the late Miss R. M. Files, Shreveport, Louisiana. The beneficiary of this scholarship is named by the pastor of the First Presbyterian Church, Shreveport, Louisiana.

The Mary Robertson Day Scholarship, established by the Watauga Chapter of the Daughters of the American Revolution, Memphis, Tennessee.

The Israel H. Peres Scholarships, established by the late Hardwig Peres, LL.D., of Memphis, and friends of the late Chancellor Israel H. Peres, Yale University, '89. The beneficiaries are to be worthy and needy students from Memphis or Shelby County, Tennessee.

The Frank G. Barton Scholarship Fund, established by his wife, the late Mrs. Pauline C. Barton, Memphis, Tennessee.

The William Spandow Scholarship in Chemistry, established by the late Mrs. Florence Gage Spandow, Memphis, Tennessee. This scholarship is awarded to a senior majoring in chemistry whose previous record indicates that he or she will be graduated with distinction or with honors. The award is to be announced at the end of the student's junior year.

The William Spandow Scholarship in Mathematics, established by the late Mrs. Florence Gage Spandow, Memphis, Tennessee. This scholarship is to be awarded to a senior majoring in mathematics whose previous record indicates that he or she will be graduated with distinction or with honors. The award is to be announced at the end of the student's junior year.

The William Spandow Scholarship in Physics, established by the late Mrs. Florence Gage Spandow, Memphis, Tennessee. This scholarship is to be awarded to a senior majoring in physics whose previous record indicates that he or she will be graduated with distinction or with honors. The award is to be announced at the end of the student's junior year.

Three scholarships, in memory of *Dr. Charles E. Guice*, '20, established by the J. J. White Memorial Presbyterian Church, McComb, Mississippi, and the Presbytery of Mississippi.

The Mrs. Grey S. Wurtsbaugh Scholarship. The beneficiary of this scholarship is to be designated by the pastor of the First Presbyterian Church, Shreveport, Louisiana.

The Jefferson K. Cole Scholarship Fund, established by the late Mrs. Anna P. Cole, of Memphis, in memory of her husband. The income from this fund is to be used to award whole or partial scholarships to worthy students.

The Lieutenant Jesse A. Wooten Memorial Scholarship, established by Mr. E. T. Woolfolk, Jr., Tunica, Mississippi, and associates. Preference shall be given to students of Tunica and Tate Counties, Mississippi. Information concerning definite qualifications and requirements for this scholarship will be furnished applicants by the Registrar of SOUTHWESTERN.

Two scholarships, in memory of their parents, established by Messrs. Paul T. and Jameson C. Jones, of Corinth, Mississippi, to be known as the *Paul Tudor Jones, M.D., Scholarship* and the *Annie M. Smith Jones Scholarship*.

The Schuyler Harris Pryor Memorial Ministerial Scholarship, established by his mother, Mrs. Lutie Patton Shaw, Tanner, Alabama.

The William B. Powell Scholarship Fund, established by the Dixie Wax Paper Co., of Memphis. In awarding the income on this fund, preference shall be given, first, to any students connected with the Dixie Wax Paper Co., and, second, to Canadian students enrolled at SOUTHWESTERN.

The Emma Denie Voorhies Boys' Club Scholarship, established by the Boys' Club of Memphis, Inc.

The Harry B. Watkins, Jr. Memorial Scholarship, established by the First Presbyterian Church, Dyersburg, Tennessee.

The Josie Millsaps Fitzhugh Scholarship, established by The Josephine Circle of Memphis, in honor of its founder, the late Mrs. Guston T. Fitzhugh, of Memphis.

The Walter Chandler Scholarship Fund, established by the citizens of Memphis in honor of the Honorable Walter Chandler, former Mayor of Memphis.

The Isaac Francis Swallow Memorial Scholarship, established by the First Presbyterian Church, Bessemer, Alabama.

The William McFaddin Alexander Memorial Scholarship, established by the Prytania Street Presbyterian Church, New Orleans, Louisiana. This scholarship is to be awarded preferably to a candi-

date for the Presbyterian ministry from the Synod of Louisiana, but may be given to one from Alabama, Mississippi, or Tennessee.

The Abe Goodman Memorial Scholarship, established by his sons, Charles, Abe, and William Goodman, of Memphis.

The Theodore Brent Scholarship, established by the late Mr. Theodore Brent, of New Orleans, Louisiana.

The Warren Ware Sullivan Memorial Scholarship, established by his father, Mr. H. P. Sullivan, of Walls, Mississippi, and friends of the family.

The Wheeler Carleton Memorial Scholarship, established by the Women of the Church of the Synod of Alabama. This scholarship is to be awarded annually to a student from the Synod of Alabama to be nominated by the Women of the Church Scholarship Committee.

The J. D. Henry Scholarship, established by Mr. J. D. Henry, of Selma, Alabama, in grateful and loving memory of the family. The donor reserves the right to specify certain years when the interest on the scholarship will be accumulative in favor of a designated student.

The Clarence E. Pigford Scholarship, established by Mrs. Clarence E. Pigford, of Jackson, Tennessee, in memory of her husband, who, at the time of his death, was a member of the Board of Directors of SOUTHWESTERN AT MEMPHIS.

Mr. Hoyt B. Wooten, of Memphis, has established a scholarship in honor of his daughters, *Arabia Wooten Brakefield*, '42, and *Betty Mae Wooten Michael*.

The Mayo Moore Scholarship, established by the Tunica County Rotary Club, of Tunica, Mississippi, the beneficiary of which is to be a student from Tunica County, Mississippi.

The Dr. R. E. Herring Memorial Scholarship, established by the Arlington Presbyterian Church and other friends of Arlington, Tennessee.

The S. Y. Wilson Scholarship, established by the late Mr. S. Y. Wilson, members of his family, and friends of Arlington, Tennessee.

The Samuel Craighead Caldwell Memorial Scholarship, established by the First Presbyterian Church, Hazlehurst, Mississippi.

The Hermann von Richthofen Scholarship, established by the late Miss Marie von Richthofen, of Independence, Kentucky.

The Davison Scholarship, established by Mr. W. F. Davison, Misses Ethel and Marjory Davison and Mrs. J. D. Crosby in memory of their parents. Preference shall be given to qualified students from the Synod of Alabama, who are nominated by the officers of the Presbyterian Church of Brewton, Alabama.

The James Leonard Cooper Scholarship, established by his daughter, the late Miss Lula W. Cooper, of Clarksdale, Mississippi.

Other scholarships have been furnished by the following:

Mr. and Mrs. Hugh L. White, Columbia, Mississippi.

The late Mr. John Glassell, Belcher, Louisiana.

Mr. John A. Weber and Mr. W. A. Weber, Hickory Withe, Tennessee.

Mrs. C. S. Field, Calyx, Mississippi.

Mr. Bruce Mitchell, Jackson, Tennessee.

The Woman's Auxiliary, First Presbyterian Church, Meridian, Mississippi.

The Woman's Auxiliary, First Presbyterian Church, Baton Rouge, Louisiana.

The Lula Preston Cooper Scholarship. The Women of the Church of the Synod of Alabama have agreed to provide this annual scholarship of \$350.00 out of its Blessing Box Fund for a young woman who is to be selected by the Faculty Committee on Admissions and Student Aid.

A Special Gift Scholarship of \$350.00 from the Women of the Church of the Synod of Alabama.

The Elfreda Bruce Scholarship for \$350.00 from the Women of the Church of the Synod of Alabama.

The First Presbyterian Church of Baton Rouge, Louisiana, provides a fund to be awarded to a student of its selection who meets the requirements of the college.

The Lucy W. Rowe Scholarship, provided by the late Mrs. Lucy W. Rowe and by her daughter, Mrs. Carrington Jones, of Memphis.

The Lewis Matthew Moore Memorial Scholarship, established by his mother, Mrs. Ethel Dean Moore, of Eufaula, Alabama.

The Albert D. Banta Scholarships. SOUTHWESTERN receives one-third of the income from a trust created by the late Albert D. Banta, of Shreveport, Louisiana, which trust is administered by the First National Bank of Shreveport, Louisiana.

The Thomas K. Young Bible Class of Idlewild Presbyterian Church, Memphis, is providing an annual scholarship. The beneficiary will be appointed by the Faculty Committee on Admissions and Student Aid upon the nomination of the Scholarship Committee of the Thomas K. Young Bible Class.

The Gordon White Scholarship, established by his sister, the late Mrs. Lizzie Gordon White Hood, Nashville, Tennessee.

The Mary Lou Gordon White Scholarship, established by a friend, Nashville, Tennessee.

The Henry M. and Lena Meyer Kahn Scholarship Fund, established by the will of Mr. Jacob M. Meyer, of Memphis, to be awarded to worthy and promising students upon the recommendation of the SOUTHWESTERN Faculty Committee on Admissions and Student Aid, with the approval of the Trustees of the Henry M. and Lena Meyer Kahn Trust Fund.

The James Guthrie Dougherty, \$40, Scholarship Fund, established by his mother, Mrs. J. G. Dougherty, and other close relatives.

The Lieutenant Russell E. Reeves, Jr., Scholarship, established by his parents Mr. and Mrs. Russell E. Reeves, of Memphis. The income from this fund is to be used to pay or assist in the payment of the tuition of a worthy male student from year to year.

The William Lucian Oates Memorial Scholarship, established by Dr. Hugo N. Dixon, of Memphis, Tennessee.

The Walter P. Armstrong Memorial Scholarship, established by Mr. Walter P. Armstrong, Jr., Mrs. Irma W. Armstrong, Mr. James F. Smithwick, Mr. and Mrs. George S. Miles, and the law firm of Armstrong, McCadden, Allen, Braden and Goodman, of Memphis, Tennessee.

Idlewild Presbyterian Church of Memphis is providing an annual scholarship fund, to be awarded to an able and worthy student upon the recommendation of a Committee of the Session and Diaconate of that Church.

Second Presbyterian Church of Memphis is providing an annual scholarship fund, to be awarded to an able and worthy student upon the recommendation of a Committee of the Session and Diaconate of that Church.

Evergreen Presbyterian Church of Memphis is providing an annual scholarship fund, to be awarded to an able and worthy student upon the recommendation of the Pastor or other authorized representative of the Church.

The Couples Class of the Second Presbyterian Church of Memphis is providing an annual scholarship fund, to be awarded, preferably, to a junior or a senior ministerial student in need of financial assistance, upon the recommendation of the Faculty Committee on Admissions and Student Aid and approval of the Scholarship Committee of the Couples Class.

The Southwestern Woman's Club is providing an annual scholarship, to be awarded at the discretion of the Faculty Committee on Admissions and Student Aid and with the approval of the Club on the basis of both need and ability.

An annual scholarship established by Mr. and Mrs. S. C. Chapin, of Trumann, Arkansas, in memory of Mr. and Mrs. JUDD HILL, to be awarded to a French student studying at SOUTHWESTERN.

The J. J. Manson Memorial Scholarship Fund, established by the First Presbyterian Church, New Orleans, Louisiana, to be awarded to a young man or a young woman in accordance with the resolutions adopted by the Session of the First Presbyterian Church and agreed upon by SOUTHWESTERN.

The W. J. TeSelle Scholarship, established by Mr. and the late Mrs. W. J. TeSelle, New Orleans, Louisiana.

The Stebbins Scholarship, established by Mr. and Mrs. W. J. Stebbins, Garyville, Louisiana.

The Robert Emmet Craig Scholarship, established by his wife, Mrs. Robert E. Craig, and his daughters, Mrs. Amelia Craig Lane and Mrs. Samuel Sanders III, New Orleans, Louisiana.

The Deen Jones Scholarship Fund, provided by the Women of the Church of the Synod of Mississippi out of its Blessing Box Offerings, is

in honor of Mrs. W. Everarde Jones, of Tchula, Mississippi, who is a member of the Board of Directors of SOUTHWESTERN.

The Synod of Alabama provides a scholarship fund, in addition to its regular benevolences, out of which scholarships will be awarded by the Synod's Committee on the SOUTHWESTERN Scholarship Fund.

The Hammond-Moore Scholarships, established by Mark B. Hammond, '39, of Memphis, in memory of his father, R. M. Hammond, and Dr. Moore Moore, of Memphis, Tennessee.

The Houston Scholarship, established by the late Miss Mattie D. Houston, of Oxford, Mississippi, to be administered by the Faculty Committee on Admissions and Student Aid assisted by an Advisory Committee in accordance with the wishes of Miss Houston.

An annual scholarship of \$100.00 is being provided by Mr. and Mrs. Paul Jackson, of Clinton, Louisiana, in memory of the parents of Mrs. Jackson, *Mr. and Mrs. Nolan McLean*. It is preferred that the recipient of this fund shall be a candidate for the Presbyterian ministry, but the decision is left to the Faculty Committee on Admissions and Student Aid.

The Lucile L. Bradshaw Scholarship Fund, established by Mr. and Mrs. H. A. Bradshaw, of Florence, Alabama.

The Thomas Percy Howard, Jr., Memorial Scholarship, established by members of First Presbyterian Church, Tunica, Mississippi.

The Wallace E. Wilson Scholarship, established by the late Wallace E. Wilson, Memphis, Tennessee.

The Joseph Arthur Fowler Scholarship Fund, established by the Memphis Bodies of the Ancient and Accepted Scottish Rite of Freemasonry, in memory of Joseph Arthur Fowler, 33°, of Memphis, one of the most active Masons in the Tennessee Consistory, especially in the field of education. The income from the principal sum will be awarded each session to a qualified and needy student.

The Diehl Scholarship in Voice, established in memory of Mrs. Christiana Nolte Diehl and Mrs. Katherine Ireys Diehl by members of the Diehl family and friends. This scholarship is to be awarded to a student majoring in voice whose previous record indicates that he or she will be graduated with distinction. The award is to be announced at the end of the student's junior year.

The Edwin B. Garrigues Foundation Scholarship in the Study and Practice of Music. The Edwin B. Garrigues Foundation was established under the will of Edwin B. Garrigues (1864-1955), a Philadelphia industrialist, who was associated for more than thirty years with the philanthropic interests of the late Theodore Presser. Inspired by the example of Mr. Presser, he bequeathed the major portion of his own estate to be administered by the Fidelity-Philadelphia Trust Co. of Philadelphia, and by an individual trustee. He directed that the net income of his estate be used to establish scholarships at colleges, universities, or other institutions of higher learning in the United States for students majoring in the study and practice of music.

The George Summey Scholarship Award, presented by the Pi Kappa Alpha Memorial Foundation, is to be given to a worthy male

freshman student judged to have Christian character, leadership, and financial need. The selection will be made by the Faculty Committee on Admissions and Student Aid.

The Charles E. Diehl Scholarship Award, presented by the Pi Kappa Alpha Memorial Foundation, is to be given to a worthy female freshman student judged to have Christian character, leadership, and financial need. The selection will be made by the Faculty Committee on Admissions and Student Aid.

The John Thomas Wurtsbaugh Scholarship, established by Mrs. John Thomas Wurtsbaugh, of Shreveport, Louisiana, in memory of her husband.

The Evergreen Club Scholarship Fund, established by The Evergreen Club of Memphis.

The Lou Anna Robbins Scholarship, established by the late Jess H. Robbins, of Dyersburg, Tennessee.

The Walter Lindsay Stewart Memorial Scholarship, established by his mother, Mrs. Walter Stewart, of Memphis, to be awarded to a student of demonstrated athletic as well as academic ability.

The Edmund Orgill Scholarship, established by his friends in recognition of his outstanding church, civic, and educational services, to be awarded to students who have given evidence of interest in and concern for governmental processes.

The National Organization and The Memphis Alliance of Delta Delta Delta Sorority, in accordance with its national policy of encouraging a high quality of academic work, offer an annual scholarship to a qualified woman student at SOUTHWESTERN. This award is based on the student's previous work at SOUTHWESTERN.

The Epsilon Chapter of Delta Kappa Gamma, a group of outstanding teachers of Memphis and Shelby County, offers from time to time a scholarship to a young woman in one of the Memphis colleges who is planning to enter the teaching profession. It is given to assist her in her senior year and is awarded on the basis of her scholastic record, extra curricular activities, interests, personality, and financial need.

The Memphis Branch of the American Association of University Women gives in alternate years a scholarship of \$200.00 to an outstanding woman student in SOUTHWESTERN's graduating class who plans to enter a graduate school.

The Fred R. Graves Memorial Scholarship, established by friends in Mississippi.

The Chapman Scholarship and Loan Funds, provided by The Chapman Foundation of Memphis for qualified students majoring in chemistry.

ENDOWMENT UNITS

No student is charged the full cost of his collegiate instruction. At SOUTHWESTERN the student is charged about one half the actual cost, and therefore one half must be supplied from endowment income and contributions from churches, corporations, and individuals.

A number of endowment units of \$5,000 each have been established. The income from each one of these endowment units will, year after year, help to provide for a student the needed difference noted above.

Endowment units furnish an ideal method of establishing a perpetual memorial.

The following endowment units have been established:

In memory of Robert Burns Williamson, established by the Women of the Church of the First Presbyterian Church, Memphis, Tennessee.

In memory of Mrs. Albert Bruce Curry, established by the Women of the Church of the Second Presbyterian Church, Memphis, Tennessee.

In memory of John P. Edmondson, established by his sister, the late Mrs. W. A. Rhea, Memphis, Tennessee.

In memory of C. W. Heiskell, established by the late Mrs. Eliza N. and Miss Effie Heiskell, and Miss Grace Heiskell, Memphis, Tennessee, and Mrs. Powell Smith, Knoxville, Tennessee.

In memory of Jesse Chambliss Norfleet, established by his daughter, Mrs. Ada Norfleet Fuller, Memphis, Tennessee.

In memory of Clara Conway, established by the Clara Conway Alumnae Association, Memphis, Tennessee.

In memory of Charles F. Farnsworth, established by the late Mrs. Katie C. Farnsworth, Memphis, Tennessee.

In memory of Mr. and Mrs. J. F. Frank, established by the late Miss Clara M. Frank and by Miss Elizabeth G. Frank, Memphis, Tennessee.

In loving memory of the Godly and useful lives of Leonard and Catherine Bellingrath, Atlanta, Georgia, established by their son, the late Dr. Walter D. Bellingrath, of Mobile, Alabama.

Two endowment units, *in memory of Samuel Finley McNutt and Anne Cowden McNutt*, established by their children, the late Mrs. Florence McKinney and the late Mr. William C. McNutt, of Memphis, Tennessee.

Two endowment units, *in memory of Mrs. Elizabeth J. Howard*, established by her son, the late Mr. T. C. Howard, of Covington, Tennessee.

Two endowment units, *in memory of their parents, Paul Tudor Jones, M.D., and Annie M. Smith Jones*, established by Messrs. Paul T. and Jameson C. Jones, of Corinth, Mississippi.

Two endowment units, *in memory of Mr. H. E. Westervelt*, established by Mrs. H. E. Westervelt and Mr. and Mrs. H. D. Warner, of Tuscaloosa, Alabama.

Two endowment units, *in memory of Dr. Charles E. Guice, '20*, established by the J. J. White Memorial Presbyterian Church, McComb, Mississippi, and the Presbytery of Mississippi.

The "Eli Blue" Endowment Unit, established by a friend, Memphis, Tennessee.

The Katherine Ireys Diehl Endowment Unit, established by the SOUTHWESTERN Woman's Club.

An endowment unit established by the Women of the Church of *Idlewild Presbyterian Church*, Memphis, Tennessee.

An endowment unit established by the Women of the Church of *First Presbyterian Church*, Memphis, Tennessee.

Two endowment units established by *The Tennessee Consistory, Ancient Accepted Scottish Rite*, Memphis, Tennessee.

An endowment unit established by *The Memphis Power and Light Company*, Memphis, Tennessee.

An endowment unit in *Physics*, established by the late Mr. Joseph E. Maury and by Mrs. Maury, of Memphis, Tennessee.

ANNUITIES

Mrs. T. C. Howard, Covington, Tennessee.

Mrs. Thornwell D. Howard, Covington, Tennessee.

Mrs. Gardner White, Pulaski, Tennessee.

Mr. and Mrs. Alfred C. Glassell, Shreveport, Louisiana.

SPECIAL GIFTS

Mrs. Mary E. Goodbar, St. Louis, Missouri.

The late Miss Selina B. Sommerville, Wilsonville, Alabama.

CLASS GIFTS

The Class of 1924 presented to the college a bronze lantern. This has been placed on the left of the main entrance to Palmer Hall.

The Class of 1925 presented to the college a bronze lantern, similar to that presented by the Class of 1924. This lantern has been placed at the entrance of Robb Hall.

The Classes of 1926, 1927, 1928, and 1929 presented to the college ten-year endowment life insurance policies, which were unfortunately allowed to lapse. However, the college profited by the cash value of these policies.

The Student Body of 1927 presented to the college a life insurance policy for \$5,000.00.

The Student Body of 1930 presented to the college four "SOUTHWESTERN" campus markers.

The Class of 1930 presented to the college an attractive and permanent stone bulletin board with slate roof, which is located just north of Palmer Hall.

The Class of 1931 presented to the college a small sum to help provide a section of the stone wall which will eventually surround the campus.

Members of the Class of 1933 provided funds for the purchase of academic regalia. The rentals from the regalia are held in a reserve fund to augment the gift.

The Class of 1934 presented to the college a twenty-year endowment life insurance policy for \$5,000.00, and further premiums were to be paid annually by succeeding classes.

The Classes of 1935, 1936, and 1937 paid the premiums on the twenty-year endowment life insurance policy which was presented by the Class of 1934.

The Classes of 1938 and 1939 together paid the premium for one year on the twenty-year endowment life insurance policy which was presented by the Class of 1934.

The Class of 1940 made a contribution toward the payment of the premium for one year on the twenty-year endowment life insur-

ance policy which was presented by the Class of 1934.

The Class of 1941 coöperated with the project of the Phi Circle, Omicron Delta Kappa, in fitting out the social room in Palmer Hall. The class provided the permanent seats, which are attractive, comfortable, and enduring.

The Class of 1942 made a contribution toward the payment of the premium for one year on the twenty-year endowment life insurance policy which was presented by the Class of 1934.

The Class of 1943 provided a fund to be used for making some needed improvements in the College Book Store.

The Classes of 1944, 1945, and 1946 each provided a small fund which was used for SOUTHWESTERN'S Pre-Centennial Building and Endowment Fund.

The Class of 1947 purchased a glass wall case for the display of photographs of students chosen for the college Hall of Fame.

The Class of 1948 provided a permanent walkway from the south cloister entrance of Palmer Hall to the west main entrance of Voorhies Hall.

The Classes of 1949 and 1950 provided funds for all-weather surfaces on three campus tennis courts.

The Classes of 1951 and 1952 provided two large and beautifully designed wrought iron SOUTHWESTERN signs, one of which was placed near an entrance to the campus on North Parkway, and the other on the corner of the campus at North Parkway and University Street.

The Class of 1953 provided a permanent and attractive bronze bulletin board for the cloister of Palmer Hall.

The Class of 1954 purchased two glass wall cases for the display of photographs of students chosen for the college Hall of Fame.

The Class of 1955 provided funds for a handsome steel flagpole in front of Palmer Hall, with a slate-topped base, and appropriate walkways.

The Class of 1956 purchased a lectern for Hardie Auditorium.

The Classes of 1957 and 1958 provided the funds necessary to construct a beautiful stone gateway at the southeast entrance to the campus.

The Class of 1959 provided a sum of money to be held in trust to furnish a room in the Student Center when it is constructed.

MEMORIALS AND RECOGNITIONS

Palmer Hall was erected largely by contributions from the people of New Orleans in memory of Dr. Benjamin Morgan Palmer, for many years pastor of the First Presbyterian Church of New Orleans, and considered the father of SOUTHWESTERN.

The Hardie Auditorium was given by the Wm. T. Hardie family, New Orleans, Louisiana.

The Davidson Hill Memorial Directors Room was established by the late Colonel James D. Hill, New Orleans, Louisiana, in memory of his father and mother.

The Fargason Athletic Fields were given as a memorial to their father, John T. Fargason, by Mr. John T. Fargason and the late Mrs.

Mary Fargason Falls, Memphis, Tennessee.

The Ashner Gateway is a memorial to I. W. and Sallie Ashner, established by Mrs. Julius Goodman and Mrs. Ike Gronauer, Memphis, Tennessee.

The Stinson Memorial Lectern was given by Mrs. W. A. Stinson, Greenwood, Mississippi, in memory of her husband, William A. Stinson.

The Mack Biblical Literature Memorial. A carefully selected collection of books of permanent value in the field of Biblical literature was given by his descendants as a memorial to the late Reverend William Mack, D.D.

The fund for the *R. A. Webb Chair of Philosophy* is a memorial to Dr. Robert A. Webb, alumnus of SOUTHWESTERN and long an honored professor in the college, and was created through gifts from his friends.

The Edwin Summers Hilliard Department of Bible, endowed by the late Mr. E. S. Hilliard, of Grand Lake, Arkansas.

The Albert Bruce Curry Chair of Bible, established by the Second Presbyterian Church, Memphis, Tennessee, in honor of its pastor, the late Reverend Albert Bruce Curry, D.D., who was a member of the Board of Directors of SOUTHWESTERN from 1925 to 1931.

The Thomas K. Young Chair of English Literature, established by Idlewild Presbyterian Church, Memphis, Tennessee, in memory of its pastor, the late Dr. Thomas K. Young, who was a staunch friend and supporter of SOUTHWESTERN throughout his pastorate of twenty-four years in that church.

The W. J. Millard Chair of Bible and Humanities, established by Evergreen Presbyterian Church of Memphis in honor of its long-time pastor, Dr. Millard, who is also a member of the Board of Directors of SOUTHWESTERN.

The E. C. Ellett Chair of Mathematics, provided by the late Dr. E. C. Ellett, of Memphis, who was a student at this college from 1884 to 1886, and upon whom SOUTHWESTERN AT MEMPHIS conferred the honorary degree of LL.D. in 1942.

The Thorne Fund is a memorial to The Reverend Mr. William Thorne, an alumnus of SOUTHWESTERN and an outstanding home mission worker in what was formerly the Presbytery of Western District, Synod of Tennessee.

The Hugh McDowell Neely Hall, a dining hall, is a memorial to a heroic soldier and a public spirited citizen, the late Hugh M. Neely, of Memphis, Tennessee, established through the generosity and affection of his wife, the late Mrs. Mary Sneed Neely, as a token of her interest in the development of youth to Christian manhood and womanhood.

Ellett Hall, the newest residence hall for men, was dedicated on December 18, 1956, in memory of the late Dr. E. C. Ellett, of Memphis, an alumnus of SOUTHWESTERN.

The Roland Bain Macon, '98, M.D., Balcony in Hugh M. Neely Hall, provided by his wife, the late Mrs. R. B. Macon, Clarksville, Tennessee.

A permanent concrete tennis court in memory of the late Captain W. E. Lacy, established by his son, the late Reverend W. S. Lacy, D.D., Batesville, Arkansas.

A choice collection of books of permanent value from the library of the late Dr. Gordon White was given by his sister, the late Mrs. Lizzie Gordon White Hood, of Nashville, Tennessee.

The Frank M. Harris Memorial Building, the residence of the College Engineer, was provided by the generosity of the late Mrs. Nannie P. Harris, Memphis, as a perpetual memorial to her beloved son, Frank M. Harris.

The Hubert F. Fisher Memorial Garden. In 1941 Mrs. Hubert F. Fisher, of Memphis, provided on the campus a beautiful azalea garden as a memorial to her husband, Congressman Hubert F. Fisher. In this large garden, Mrs. Fisher had a permanent stone platform erected, and there the commencement exercises and other college functions are held.

The college has placed in the Hubert F. Fisher Memorial Garden the two fine bronze figures, "Boy and Fish" and "Boy and Crane," donated by the eminent sculptress Anna Hyatt Huntington, of New York.

Voorhies Hall, a residence hall for women students, was provided through the generosity of the late Mrs. Emma Denie Voorhies, of Memphis, Tennessee.

The Williams Prayer Room and the Guest Room in Voorhies Hall, provided by the late Miss Sallie P. Williams and the late Miss Susan Fletcher Williams, Nashville, Tennessee, in memory of their father, John Whorton Williams, and their mother, Anna Fletcher Williams.

The Burrow Library, provided through the generosity of Mr. and Mrs. A. K. Burrow, of Memphis, Tennessee.

Gordon White Hall, a residence hall for men students, is a memorial to Dr. Gordon White, established by his sister, the late Mrs. Lizzie Gordon White Hood, Nashville, Tennessee.

The Hunt Gateway is a memorial to Captain William Ireys Hunt, M.D., who graduated from SOUTHWESTERN AT MEMPHIS in the Class of '34. This memorial was established by the First Presbyterian Church of Greenville, Mississippi.

The Wm. Neely Mallory Memorial Gymnasium and Physical Education Building, a memorial to Major Wm. Neely Mallory, of Memphis, who was killed in an airplane crash in Italy on February 19, 1945. Major Mallory became a member of the Board of Directors of SOUTHWESTERN in 1937, and in 1938 became Treasurer of the college, which office he held at the time of his death.

The Thad Harrison Memorial, established by his daughter, the late Mrs. John B. Waterman, of Mobile, Alabama.

The James Leonard Cooper Memorial, established by his daughter, the late Miss Lula W. Cooper, of Clarksdale, Mississippi.

The William O. Shewmaker Memorial Fund, established by alumni and friends in memory of Dr. Wm. O. Shewmaker, beloved Professor of Bible at SOUTHWESTERN 1925-41. The income from this

fund will be used annually to reward the student who attains the highest distinction in the integrated course on Man in the Light of History and Religion, in the teaching of which subjects Dr. Shewmaker excelled.

The Jessie L. Clough Art Memorial for Teaching, established by her friend, the late Miss Floy K. Hanson, of Memphis. This memorial consists of a collection of pictures, manuscripts, textiles, and other rare items, largely from the Orient, as well as a substantial bequest. Selected portions of the collection will constitute the *Dorcas Hedden Art Loan* and the *Minnie L. Raines Art Loan*, available for instructional purposes to secondary schools.

SOUTHWESTERN AT MEMPHIS has been named the beneficiary of a trust fund, currently valued at \$200,000, by Mrs. Charles R. Glover, of Evanston, Illinois, as a memorial to the late Mr. Glover. In Mr. Glover's memory there will be established at SOUTHWESTERN *The Charles R. Glover Chair of English Studies*.

The Orgill Chair of Political Science for the 1960-61 session is provided by Orgill Brothers & Company, of Memphis, in memory of William and Edmund Orgill, who founded the company in 1847.

Suite 101, Robb Hall, in memory of Ann Ingram, established by Mrs. Thomas I. Taylor and W. D. Nelson, Jackson, Tennessee.

Suite No. 102, Robb Hall, in memory of Mary Amelia Ludlow and Alice Gordon Naime, established by Miss Mary A. Ludlow, New Orleans, Louisiana.

Suite No. 103, Robb Hall, in memory of Virgil Thomson, established by his mother, Mrs. Sarah J. Thomson, Amory, Mississippi.

Suite No. 104, Robb Hall, in memory of Charles Jordan Cox, established by his mother, Mrs. J. E. Cox, Columbus, Mississippi.

Suite No. 105, Robb Hall, in memory of Robert Quarterman Mallard, established by the Napoleon Avenue Woman's Auxiliary, New Orleans, Louisiana.

Suite No. 106, Robb Hall, in memory of Mrs. Clara Cunningham Hobson, established by Willing Workers, Presbyterian Church, Water Valley, Mississippi.

Suite No. 201, Robb Hall, in memory of Lieut. Albert G. Pendleton, established by Mr. and Mrs. J. W. Vanden, Jackson, Tennessee.

Suite No. 202, Robb Hall, in memory of James Gordon Gillespie, established by his parents, Mr. and Mrs. J. L. Gillespie, Greenwood, Mississippi.

Suite No. 203, Robb Hall, in memory of Mr. and Mrs. William Bloomfield, established by the late Mr. W. B. Bloomfield, New Orleans, Louisiana.

Suite No. 204, Robb Hall, in memory of Thomas Jefferson Alsworth, established by his son, W. C. Alsworth, Canton, Mississippi.

Suite No. 205, Robb Hall, in memory of Edwin P. Brandao, established by the Napoleon Avenue Presbyterian Church Sunday School, New Orleans, Louisiana.

Suite No. 206, Robb Hall, provided by H. B. Owen, Pontotoc, Mississippi.

Suite No. 302, Robb Hall, provided by the late Dr. J. F. William-

son, Pleasant Grove, Mississippi.

Suite No. 102, Gordon White Hall, in memory of Selwyn Marshall Jones, Jr., established by his mother, Mrs. Selwyn M. Jones, of Oklahoma City, Oklahoma.

The Brantley Fireplace, a large wood and charcoal grill, located in the southeast part of the campus, and provided by the late Mr. P. Stenning Coate, Memphis, in memory of Lieutenant Hays Brantley, Jr., '41.

In memory of Professor Arthur C. Nute, established by the Evergreen Chautauqua Association, Memphis, Tennessee.

In memory of Julius Robb, established by his son, the late Dr. C. W. Robb, Goodlettsville, Tennessee.

In memory of James Eldon Carthel, '80, established by his wife, the late Mrs. J. E. Carthel, Memphis, Tennessee.

In memory of Mr. and Mrs. M. Plough, by the Plough family, of Memphis, Tennessee.

In memory of Captain George William Underwood, Jr., established by his parents, Mr. and Mrs. George William Underwood, of Uniontown, Alabama.

In memory of John A. Edmiston, Jr., established by his parents, Mr. and Mrs. J. A. Edmiston, of Kellyville, Oklahoma.

In memory of the Reverend Joseph Rennie, D.D., and the Reverend Mr. Edwin William Ford, both of whom served as pastor of the Pickens Presbyterian Church, established by Mr. E. Atkinson, of Pickens, Mississippi.

In memory of Lottie Duniwant Nicholas, established by her son, Mr. Louis T. Nicholas, '34, of Nashville, Tennessee.

In memory of Mrs. James Morton Spencer, established by Mrs. S. D. Knowlton, of Perthshire, Mississippi.

In memory of Ensign Curtis B. Hurley, Jr., '42, established by his parents, Mr. and Mrs. Curtis B. Hurley, of Morrilton, Arkansas, and Mrs. Joe B. Hurley, of El Dorado, Arkansas.

In memory of Lieutenant W. B. Bartels, established by Mr. and Mrs. Sidney W. Farnsworth, of Memphis, Tennessee.

In memory of R. G. Henderson, M.D., established by his wife, Mrs. Adah R. Henderson, of Memphis, Tennessee.

In memory of Mr. and Mrs. H. C. Ramsey, established by their son, Mr. Lloyd Ramsey, of Memphis, Tennessee.

In memory of Ensign Dolive Durant, '38, established by his uncle, Mr. Thomas J. Taylor, of Mobile, Alabama.

In memory of Hugh Stewart Hayley, x'85, established by his son, George W. Hayley, of Memphis, Tennessee.

Several churches in the Synod of Mississippi provided a fund, which has been added to the endowment of the college, as a *memorial to R. M. Buchanan, x'30.*

A group of churches in North Mississippi Presbytery provided a fund, which has been added to the endowment of the college, as a *memorial to the Reverend Fred R. Graves, D.D., '91, who was a member of the Board of Directors of SOUTHWESTERN.*

A group of churches in the Synod of Mississippi and Bastrop, Louis-

iana, provided a fund, which has been added to the endowment of the college, as a *memorial to the Reverend George M. Smiley, '16*, who was a member of the Board of Directors of SOUTHWESTERN.

In memory of Isabella Jordan Schwalmeyer, established by the Sarah Law Chapter of the United Daughters of the Confederacy.

The Brown Memorial Fund, established by the children of the late William Clark Brown, Sr., of Stamps, Arkansas.

In memory of J. W. Canada, established by his wife, Mrs. J. W. Canada, of Memphis, Tennessee.

In memory of Henry G. Duttlinger, established by his daughters, Mrs. R. B. Holden and Mrs. J. S. Williford, of Memphis, Tennessee.

In memory of W. R. Wallace, M.D., established by his wife, Mrs. W. R. Wallace, of Memphis, Tennessee.

In memory of Mrs. C. R. Taylor, established by her daughter, Mrs. W. Chapman Dewey, of Memphis, Tennessee.

The Catherine Burrow Hall, a dining hall, in honor of Mrs. A. K. Burrow, of Memphis, Tennessee.

LOAN FUNDS

The McKowen Loan Fund, established by the late Mrs. S. A. McKowen, Baton Rouge, Louisiana.

The Mary Lyon Loan Fund, established by Mrs. Jennie Lyon Murdock, Jackson, Tennessee.

The Savage Loan Fund, established in memory of Mich'l Savage, Clarksville, Tennessee.

The United States Daughters of 1812 Loan Fund, established by Old Hickory Chapter of Tennessee.

The U. S. Gordon Loan Fund, established by the Gainesville Woman's Auxiliary, Gainesville, Florida.

The Student Loan Fund, for candidates for the ministry or mission service, to be used preferably for seniors, established by the Women's Service League, Memphis, Tennessee.

The Jas. J. Chisolm Loan Fund, established by the late Dr. W. O. Shewmaker, of Memphis, in memory of the Reverend Jas. J. Chisolm, D.D., of Natchez, Mississippi, to be used for candidates for the ministry, preferably seniors.

The Senior Emergency Loan Fund, established by a member of the class of 1934. This loan is to be available for a senior who may be faced with an emergency, with the understanding that the amount of the loan be later repaid, plus whatever amount that student may desire to add to the fund.

The Julia Margarite and Otis Marion Barry, Jr., Memorial Loan Fund, established by their parents, Mr. and Mrs. Otis M. Barry, of Jackson, Mississippi.

The Mrs. Grey S. Wurtsbaugh Loan Fund, established by Mrs. Grey S. Wurtsbaugh, of Shreveport, Louisiana, as a permanent student's loan fund. U. S. Savings Bonds were provided, and only the income on these bonds is available for loans.

The Passie Fenton Ottley Loan Fund, founded in 1941 by the late John K. Ottley, '87, of Atlanta, Georgia, as a memorial to his wife,

Passie Fenton Ottley. The purpose of this fund is to provide a revolving loan fund for students of SOUTHWESTERN.

The Elizabeth Mitchell Patterson ('29) Loan Fund, established by her sister and brother, Mrs. Mary Gardner Phillips, '32, of Memphis, Tennessee, and Mr. Ham Patterson, of Memphis, Tennessee.

The Sylvanus William Polk, Jr., Memorial Loan Fund, established by Mr. Charles Kenneth Sharpe, of Memphis, to be used for students preparing for full-time Christian service.

The Lilian Gilfillan Loan Fund, established by the Zonta Club of Memphis, for women students.

The Henry M. and Lena Meyer Kahn Loan Fund, established by the will of Mr. Jacob M. Meyer, of Memphis. Loans are to be awarded to worthy and promising students, upon the recommendation of the SOUTHWESTERN Faculty Committee on Admissions and Student Aid, with the approval of the Trustees of the Henry M. and Lena Meyer Kahn Trust Fund.

STUDENT AID FUNDS

The A. L. Aydelott Student Memorial Fund, established by his daughter, the late Mrs. Josephine A. Johnson, Memphis, Tennessee.

The Bardwell Student Aid Fund, established by the late Mrs. E. W. (LaNoyette Bardwell) Smith, of Selma, Alabama, in memory of her parents, Mr. and Mrs. H. L. Bardwell, of Meridian, Mississippi.

The Dunbar Hunt Ogden ('98) Memorial Fund, established by the members of the Napoleon Avenue Presbyterian Church, of New Orleans, Louisiana.

STUDENT LABOR FUND

The Frank G. Barton Student Labor Fund, established by his wife, the late Mrs. Pauline C. Barton, Memphis, Tennessee.

THE BELLINGRATH-MORSE FOUNDATION

The late Dr. Walter D. Bellingrath, of Mobile, Alabama, established the BELLINGRATH-MORSE FOUNDATION in order to perpetuate the beautiful Bellingrath Gardens near Mobile, and to provide financial assistance to certain educational institutions and churches. The Bellingrath Gardens were created largely by the artistry of the late Mrs. Bellingrath and constitute "The Charm Spot of the Deep South." Net income from the Foundation will be allocated to certain Alabama educational institutions, which are dedicated to the promotion of Dr. Bellingrath's ideal of human excellence. Since the Synod of Alabama is one of the four coöperating Synods related to SOUTHWESTERN, the latter will have a share in this income.

SOUTHWESTERN ARBORETUM

The Lumbermen's Club of Memphis, interested in conservation,

development, and appreciation of trees and shrubs, initiated in 1955 a program which makes funds available annually to build and maintain an arboretum on the campus. Many trees have been added to those already present in a natural wooded setting. A wide variety of selected trees and shrubs is being planted, consisting of native and exotic, commercial and horticultural species. To facilitate identification and appreciation by students and visitors labels have been attached to representative species. These labels bear common and scientific names and tell the country of origin. Frequent visitors studying the plantings include high school science classes and garden club groups.

CHAPTER XI

ANNUAL COMMENCEMENT

JUNE 2, 1959

HONORARY DEGREES

DOCTOR OF DIVINITY

- Henry Pope Mobley, Jr., '39..... Louisville, Kentucky
Pastor, Highland Presbyterian Church
- Daniel Lloyd O'Neal, '24..... Ruston, Louisiana
Executive Secretary of Church Extension, Presbytery of Red River

DOCTOR OF HUMANITIES

- Martin J. Condon III..... Memphis, Tennessee
President, American Snuff Company
- Hugo Norton Dixon..... Memphis, Tennessee
Chairman of the Board, Geo. H. McFadden & Bro., Inc.
- William James Rushton..... Birmingham, Alabama
President, Protective Life Insurance Company

DOCTOR OF SCIENCE

- Edward McGrady..... Sewanee, Tennessee
President and Vice-Chancellor, The University of the South

DEGREES CONFERRED ON JUNE 2, 1959

BACHELOR OF ARTS

- James Drane Adams (*International Studies*).... Blytheville, Arkansas
- Sandra Fay Andrews (*Mathematics*)..... Memphis, Tennessee
- Jane Alexander Biedenharn (*Latin*)..... Bowling Green, Kentucky
- Charles Wilson Blake (*Economics*)..... Memphis, Tennessee
- Robert Brunson Blumer (*Biology*)..... Memphis, Tennessee
- Joseph Calloway Boals III (*Biology*)..... Memphis, Tennessee
- Donna Hudson Bowen (*Christian Education*).... Marks, Mississippi
- James Lloyd Breazeale II (*History*)..... Crenshaw, Mississippi
- Sandra Carleen Calmer (*Psychology*)..... Memphis, Tennessee
- Charles Thomas Campbell (*Bible*)..... Memphis, Tennessee
- Bobbie Ruth Carney (*English*)..... Texarkana, Arkansas
- Michael Anne Condon (*Economics*)..... Memphis, Tennessee
- Sally Marie Dame (*Spanish*)..... Memphis, Tennessee
- Junius Edward Davidson III (*Economics*).... Memphis, Tennessee
- Merelyn Louise Davis (*English*)..... Lexington, Tennessee
- Oran Bailey Dent (*Psychology*)..... Memphis, Tennessee
- Frances Elaine Donelson (*Psychology*).... Forest Hills, New York
- Jerry M. Evans (*Philosophy*)..... Memphis, Tennessee

BACHELOR OF ARTS—CONTINUED

Robert B. Everett (<i>History</i>)	Memphis, Tennessee
Mary Morrisette Farish (<i>Bible</i>)	Monroeville, Alabama
Fyke Farmer, Jr. (<i>Mathematics</i>)	Nashville, Tennessee
Alice Ruth Fitch (<i>Christian Education</i>)	Monroe, Louisiana
Gloria May Fowlkes (<i>Sociology</i>)	Dyersburg, Tennessee
Carol Ann Greaves (<i>Mathematics</i>)	Memphis, Tennessee
Charles Lee Hammett (<i>History</i>)	Lexington, Tennessee
Wade Echols Harrell (<i>Greek</i>)	Memphis, Tennessee
Haller Shelton Henderson III (<i>Chemistry</i>)	Memphis, Tennessee
Princess Elizabeth Hughes (<i>Sociology</i>)	Milan, Tennessee
Paul Ivey (<i>German</i>)	Lawrenceburg, Tennessee
Ruth Ann Jackson (<i>Psychology</i>)	Winter Park, Florida
Sara Jean Jackson (<i>Biology</i>)	Clinton, Louisiana
Lynn Margaret Joseph (<i>History</i>)	Memphis, Tennessee
James Lonnie Jerden (<i>Economics</i>)	Memphis, Tennessee
Larry Dale Kennon (<i>Philosophy</i>)	Memphis, Tennessee
Se Jin Kim (<i>Political Science</i>)	Seoul, Korea
James Allan King (<i>Psychology</i>)	Memphis, Tennessee
Anna Pemberton Kremer (<i>English</i>)	Louisville, Kentucky
William Larry Lacy (<i>Philosophy</i>)	Memphis, Tennessee
Daniel Polk Logan, Jr. (<i>Economics</i>)	Gilliam, Louisiana
Michael Burke Lupfer (<i>Psychology</i>)	Paris, Tennessee
Alan Joseph Lutz (<i>Mathematics</i>)	Memphis, Tennessee
Diane McMillan (<i>History</i>)	Little Rock, Arkansas
Claude Ashton McMillion (<i>History</i>)	Covington, Virginia
Steve Alden Martin (<i>History</i>)	Rock Hill, South Carolina
Mary Belle Miller (<i>History</i>)	Ellendale, Tennessee
Thirza Mobley (<i>Music</i>)	Memphis, Tennessee
Margaret Neel Moffett (<i>Spanish</i>)	Gastonia, North Carolina
Markesan Morrison (<i>English</i>)	Memphis, Tennessee
Sue Carol Osenbaugh (<i>English</i>)	Memphis, Tennessee
John A. Oxley (<i>Chemistry</i>)	Jackson, Tennessee
Richard Albert Park (<i>Mathematics</i>)	Chattanooga, Tennessee
Julia Bates Peacock (<i>English</i>)	Fremont, North Carolina
Nora Ann Petersen (<i>French</i>)	Stuttgart, Arkansas
Doris Gayden Rasberry (<i>Bible</i>)	Shreveport, Louisiana
Morris Trawick Reagan (<i>German</i>)	Hazlehurst, Mississippi
Mary Lamar Rickey (<i>Philosophy</i>)	Memphis, Tennessee
Jerald Francis Robinson (<i>Economics</i>)	Memphis, Tennessee
John F. Rockett (<i>History</i>)	Memphis, Tennessee
Young Kul Roh (<i>Greek</i>)	Pusan, Korea
Robert E. Rose (<i>Economics</i>)	Memphis, Tennessee
Betty Chamberlain Rossett (<i>Political Science</i>)	Memphis, Tennessee
Julia Parker Simmons (<i>Christian Education</i>)	Savannah, Georgia
Jon Alan Simpson (<i>Biology</i>)	Memphis, Tennessee
Robert Reynolds Simpson (<i>History</i>)	Birmingham, Alabama
Betty Rae Sims (<i>Psychology</i>)	Charleston, West Virginia
Betsy Fuller Sloan (<i>History</i>)	Jonesboro, Arkansas

Downen Ervin Snyder (*Biology*).....Memphis, Tennessee
 Frank Freeman Splann, Jr. (*English*).....Memphis, Tennessee
 William Andrew Stewart, Jr. (*English*).....Dallas, North Carolina
 Edwin Witte Stock, Jr. (*Philosophy*).....New Orleans, Louisiana
 Joseph Albert Sullivan (*English*).....Memphis, Tennessee
 Carolyn Anne Underwood (*Philosophy*).....Oak Ridge, Tennessee
 Joan Frances Waggoner (*International Studies*)..Mulberry, Tennessee
 Morton Finch Waller (*Psychology*).....Memphis, Tennessee
 Joe Barron Weeks (*Biology*).....Memphis, Tennessee
 Walker Lewis Wellford III (*Political Science*)..Memphis, Tennessee
 Robert Ford Welsh (*English*).....Memphis, Tennessee
 James Walter White, Jr. (*History*).....Minden, Louisiana
 Nancy Holt Wooddell (*French*).....Orlando, Florida

BACHELOR OF SCIENCE

Edward Allen Barnhardt (*Physics*).....Memphis, Tennessee
 Mayo Fong (*Biology*).....Hughes, Arkansas
 William R. Hackleman (*Physics*).....Memphis, Tennessee
 Malcolm Jenkins (*Biology*).....Memphis, Tennessee
 Marshall Phillip Jones (*Mathematics*).....Memphis, Tennessee
 Janet Sandra Klow (*Chemistry*).....Memphis, Tennessee

BACHELOR OF MUSIC

Keith D. Buckley II (*Voice*).....Caraway, Arkansas
 Charleese Kittle (*Piano*).....Merigold, Mississippi
 Marilyn McIntosh (*Piano*).....Memphis, Tennessee
 Sandra McLaren Wiese (*Piano Pedagogy*).....Memphis, Tennessee

DEGREES CONFERRED ON AUGUST 22, 1959

BACHELOR OF ARTS

Orion H. Campbell, Jr. (*Psychology*).....Memphis, Tennessee
 Margaret Carey (*History*).....Memphis, Tennessee
 Eva Mae Duncan (*English*).....Memphis, Tennessee
 Betty Burleigh Jones (*English*).....Memphis, Tennessee
 John Neal McDevitt (*Philosophy*).....Allston, Massachusetts
 Diana Rhodes (*English*).....Paris, Tennessee
 Thomas O. Schrodt (*History*).....Memphis, Tennessee

BACHELOR OF MUSIC

Peggy Ann Bornman Kaufman (*School Music*)..Memphis, Tennessee

GRADUATED WITH HONORS

Jane Alexander Biedenharn.....*Latin*
 Oran Bailey Dent.....*Psychology*
 Frances Elaine Donelson.....*Psychology*
 Jerry M. Evans.....*Philosophy*
 William R. Hackleman.....*Physics*
 Marshall Phillip Jones.....*Mathematics*
 Se Jin Kim.....*Political Science*
 Janet Sandra Klow.....*Chemistry*
 William Larry Lacy.....*Philosophy*

GRADUATED WITH DISTINCTION

Keith D. Buckley II	Thirza Mobley
Sandra Carleen Calmer	Richard Albert Park
Alice Ruth Fitch	Julia Bates Peacock
Mayo Fong	Nora Ann Petersen
Princess Elizabeth Hughes	Doris Gayden Raspberry
Sara Jean Jackson	Morris Trawick Reagan
Lynn Margaret Jaseph	John F. Rockett
Betty Burleigh Jones	Betty Chamberlain Rossett
Anna Pemberton Kremer	Joan Frances Waggoner
Diane McMillan	Robert Ford Welsh
Steve Alden Martin	Sandra McLaren Wiese

PRIZES AND AWARDS

The Spencer Greek Prizes:

First Year Greek—James M. Lindenberger, Lynnville, Tennessee.

Second Year Greek—Edward H. Henderson, Guntersville, Alabama

Third Year Greek—Jo Lynn Palmer, Memphis, Tennessee

Fourth Year Greek—Wade Echols Harrell, Memphis, Tennessee
Young Kul Roh, Pusan, Korea

The Belk Bible Medal . . . Juanita Shettlesworth, Memphis, Tennessee

The Seidman Awards in Economics and Political Science—to the senior with an Economics and/or Business Administration major making the highest averages over all courses taken in the Economics Department throughout the student's entire college career—Michael Anne Condon, Memphis; to the senior majoring in Political Science and making the highest average in the department for his entire college career—Se Jin Kim, Seoul, Korea; to the freshman or sophomore student making the best record for the year in Economics 3-4—Charles Daniel Bowen, Memphis; and to the freshman or sophomore student making the best record for the year in Political Science 21-22—Margaret Lucy Ruyl, Memphis, Tennessee.

The William Spandow Scholarship in Chemistry—Rann Lawton Vaulx, Pine Bluff, Arkansas

The William Spandow Scholarship in Mathematics—Jon Calvin Jenkins, Memphis, Tennessee

The William Spandow Scholarship in Physics—Robert Moffat MacQueen, Memphis, Tennessee

The Josie Millsaps Fitzhugh Scholarship—Mary Virginia Roberson, Memphis, Tennessee

The William O. Shewmaker Award—Ellen Hinton Holmes, Jackson, Mississippi

- The Memphis Panhellenic Association Award—Lynn Margaret Jaseph,
Memphis, Tennessee
- The Marianna Gracey Foreign Study Award—Betty Ann Moore,
Mobile, Alabama
- The Gooch Foundation Scholarship Award—William Gray Mankin,
Memphis, Tennessee
- The Joseph Arthur Fowler Scholarship—Martha Barret, Memphis,
Tennessee
- The Chi Omega Political Science Prize—Margaret Lucy Ruyl, Mem-
phis, Tennessee
- The Seidman Trophy—Joseph Calloway Boals III, Memphis, Ten-
nessee—Morton Finch Waller, Memphis, Tennessee,—Robert Ford
Welsh, Memphis, Tennessee
- The Tri-Delta Alliance Scholarships—Sumer Nevin Ertur, Istanbul,
Turkey, Emma Leah Young, New Orleans, Louisiana
- The Colonial Dames of America Award—Robert Reynolds Simpson,
Birmingham, Alabama
- The Wall Street Journal Award—Michael Anne Condon, Memphis,
Tennessee
- The French Government Book Awards—
First Year French—Maranell Pearsall, Memphis, Tennessee
Second Year French—Lela Anne Garner, Memphis, Tennessee
Advanced French—Alice Charlotte Hogsett, Brownsville, Ten-
nessee
- Algernon Sydney Sullivan Awards—Nancy Holt Wooddell, Orlando,
Florida—Edwin W. Stock, Jr., New Orleans, Louisiana
- The Non-Student Award—Warren D. Howell, Memphis, Tennessee

CHAPTER XII
STUDENT REGISTER

SESSION 1959-60

FRESHMAN CLASS

Aballi, Josefina Corina.....	Havana, Cuba
Adams, Mary Gillespie.....	Raymond, Mississippi
Alexander, Jeffie Sherrill.....	Pine Bluff, Arkansas
Archer, Anne Nelson.....	Frankfort, Kentucky
Arnold, Joe Pack.....	Leland, Mississippi
Arnold, William Van.....	Greenwood, Mississippi
Ashcraft, John Robert.....	DeLand, Florida
Baddour, Marilyn Marie.....	Whitehaven, Tennessee
Bailey, James Harvey.....	Memphis, Tennessee
Bailey, William Frederick.....	Memphis, Tennessee
Baker, Janice Edla.....	Shreveport, Louisiana
Bales, Wanda Lea.....	Memphis, Tennessee
Barksdale, Rebecca Miller.....	Jackson, Mississippi
Bartels, Katherine Farnsworth.....	Bellevue, Nebraska
Bassham, Robert Mitchell.....	Wynne, Arkansas
Baughman, Betty Louise.....	Tupelo, Mississippi
Beasley, Margaret Lynn.....	Memphis, Tennessee
Bingham, Robert Warren, Jr.....	Memphis, Tennessee
Blackshear, Brenda Ruth.....	Gadsden, Alabama
Blount, Percy Judkins.....	Memphis, Tennessee
Bratton, Lewis Edward, Jr.....	Memphis, Tennessee
Breyspraak, Martha Elizabeth.....	Memphis, Tennessee
Brigance, Edna Faye.....	Tunica, Mississippi
Brooks, Judith LaNelle.....	Memphis, Tennessee
Brown, Jack Davis.....	Memphis, Tennessee
Brown, Peter Howard.....	New Orleans, Louisiana
Brunson, Bruce Clinton.....	Memphis, Tennessee
Burchell, Carol Ann.....	Orlando, Florida
Burge, Jerry Evans.....	Caruthersville, Missouri
Butts, Dorothy Claire.....	Memphis, Tennessee
Caldwell, Mark Stuart.....	Memphis, Tennessee
Caldwell, Mary Elizabeth.....	Franklin, Tennessee
Calhoun, Lloyd Jaseph.....	Memphis, Tennessee
Callaway, Claire Camille.....	Memphis, Tennessee
Callaway, John Franklin.....	Little Rock, Arkansas
Callicott, John Baird.....	Memphis, Tennessee
Chalfant, Susan Jane.....	Vicksburg, Mississippi
Chamberlin, Mallory, Jr.....	Memphis, Tennessee
Chaney, Robert Lee.....	Shreveport, Louisiana
Chase, Martha.....	Shelbyville, Tennessee
Cherry, John Sandefur, Jr.....	Blytheville, Arkansas
Clark, Joy Ashley.....	Montgomery, Alabama
Clayton, Sandra.....	Memphis, Tennessee
Claytor, William Mimms.....	St. Louis, Missouri
Coats, Walter Reed.....	Memphis, Tennessee
Coburn, Jane Falls.....	Courtland, Alabama
Conner, Lyde Ella.....	Ripley, Tennessee
Cox, Larry Eugene.....	Memphis, Tennessee
Craig, Sterling Ruffin.....	Covington, Tennessee
Crawford, Ben Hawkins, Jr.....	West Point, Georgia
Crawford, James Riley.....	Jonesboro, Arkansas
Crawley, Fredricka Lee.....	Jackson, Mississippi
Crockarell, Grace Lynn.....	Memphis, Tennessee
Crosby, Edward Brown.....	Bay Minette, Alabama
Crow, Kathryn Penelope.....	Warren, Arkansas

Cunningham, Rita Jane.....Shreveport, Louisiana
 Davis, Francis Clarke, Jr.....Mobile, Alabama
 Day, Susan Sanders.....Clarksdale, Mississippi
 Dean, Daphne Sue.....Charlotte, North Carolina
 Dickins, Oliver Butts, Jr.....Whitehaven, Tennessee
 Dortch, Donna Dae.....Memphis, Tennessee
 Doyle, Janice Kay.....Brighton, Tennessee
 Drago, Christopher Frank.....Mobile, Alabama
 DuBard, Dorothy Louise.....Metairie, Louisiana
 Dukes, Vernon Montague, Jr.....Mobile, Alabama
 Duncan, Joe McDaniel.....Memphis, Tennessee
 Durant, Grover Allen, Jr.....Mobile, Alabama
 Eaton, Bettye Claire.....Memphis, Tennessee
 Edenfield, Judy Gail.....Knoxville, Tennessee
 Edmundson, Ben F.....Jackson, Tennessee
 Edwards, Mary Ann.....Richmond, Kentucky
 Elliott, Martha Theresa.....Raleigh, North Carolina
 Ellis, William Raney III.....Memphis, Tennessee
 Faber, Thomas John.....Memphis, Tennessee
 Ferguson, Glenlee.....Memphis, Tennessee
 Ferguson, Louise Elizabeth.....Forrest City, Arkansas
 Fong, Laurel Beth.....Hughes, Arkansas
 France, Frederick Michael.....New Orleans, Louisiana
 Frank, Mary Nell.....Memphis, Tennessee
 Frist, John Chester.....Mobile, Alabama
 From, Irwin Henry.....Union, South Carolina
 Fullilove, Susan Louise.....Shreveport, Louisiana
 Garner, Judith Charlotte.....Memphis, Tennessee
 Garrett, Janice Walker.....Signal Mountain, Tennessee
 Gilchrist, Daniel IV.....Courtland, Alabama
 Gill, Patricia Ann.....Memphis, Tennessee
 Gilmer, Helen Blair.....Clifton Forge, Virginia
 Glenn, James McDuff.....Collierville, Tennessee
 Glover, William Lloyd, Jr.....Ridgely, Tennessee
 Goldsworthy, Wayne.....Memphis, Tennessee
 Goodman, Michael Stephan.....Memphis, Tennessee
 Goodykoontz, Nancy Williams.....Louisville, Kentucky
 Gordon, Mary Ann.....Memphis, Tennessee
 Green, Philip Joseph.....Cordova, Tennessee
 Gregory, Harbert Scott.....Quincy, Florida
 Gresham, Ronald Homer.....Pine Castle, Florida
 Greve, Gay Grundy.....Memphis, Tennessee
 Griffith, Curtis Burette.....Eudora, Arkansas
 Grigory, Charles Edward.....Hayti, Missouri
 Groome, David Kirk.....Mexico City, Mexico
 Growdon, Mary Louise.....Little Rock, Arkansas
 Hall, Michal Hoke.....Wilmington, North Carolina
 Hall, William Marion, Jr.....Shreveport, Louisiana
 Hambleton, Elizabeth Sweet.....Forrest City, Arkansas
 Hannah, Peggy Anita.....Memphis, Tennessee
 Hardwick, Danny Lamont.....Birmingham, Alabama
 Hart, Sandra Ruth.....Germantown, Tennessee
 Harwood, Hugh Manning.....Memphis, Tennessee
 Harwood, William Duncan.....Memphis, Tennessee
 Hatcher, Emily Jo.....Memphis, Tennessee
 Hawes, Cynthia Jane.....Memphis, Tennessee
 Hawn, Dorothy Claire.....Little Rock, Arkansas
 Hogrefe, Robert Charles.....Richmond, Virginia
 Hollingsworth, Barbara Ann.....Shreveport, Louisiana
 Holmes, William Council.....Memphis, Tennessee
 Holt, Mary Jane.....Memphis, Tennessee
 Hopper, Radford Lloyd.....Memphis, Tennessee

Humphreys, Lynnette.....	Fulton, Missouri
Hunt, Mary Elizabeth.....	Memphis, Tennessee
Hunter, Susan Mary.....	New Orleans, Louisiana
Hurdle, Dolly Elizabeth.....	Memphis, Tennessee
Inman, Bruce Hamilton.....	Memphis, Tennessee
Janss, Douglas Harold.....	Memphis, Tennessee
Jarrett, Madeleine Gail.....	Memphis, Tennessee
Johns, William Cobb.....	Memphis, Tennessee
Johnson, Lowell Thomas.....	Memphis, Tennessee
Johnson, Margaret Aylin.....	Mobile, Alabama
Johnson, Susan Garth.....	Senatobia, Mississippi
Johnston, James Martin.....	Sheffield, Alabama
Jones, Glenn Allen.....	Memphis, Tennessee
Jones, James Henry.....	Monroe, North Carolina
Jones, Mary Louise.....	Metairie, Louisiana
Kelly, Jack Buzard.....	Memphis, Tennessee
Kelly, Mary Kirk.....	Franklin, Louisiana
Kloepfer, Jeanie Elizabeth.....	New Orleans, Louisiana
Knight, Josephine.....	Old Hickory, Tennessee
Lawson, Robert Adams.....	Kirkwood, Missouri
Levy, Joe Simon.....	Memphis, Tennessee
Loeb, Patricia Ruth.....	Memphis, Tennessee
Lowry, Thomas McCall III.....	Memphis, Tennessee
Lumpkin, Rebecca Donelson.....	Arlington, Virginia
McAfee, Bernard Edward, Jr.....	Memphis, Tennessee
McCain, James Herndon, Jr.....	Birmingham, Alabama
McCastlain, Morris Sheppard.....	Memphis, Tennessee
McCharen, John Dudley.....	Jackson, Tennessee
McCluney, William Ross.....	Houston, Texas
McCrary, Charles Walker.....	Lonoke, Arkansas
McFarland, Phyllis.....	Mobile, Alabama
McGavock, Elizabeth Carter.....	Tuscumbia, Alabama
McInnis, Anne Darrington.....	Stockton, Alabama
McKay, Fred William, Jr.....	Pickens, Mississippi
McKnight, Kaye.....	Little Rock, Arkansas
McMillan, John Murphy.....	Stockton, Alabama
McMillan, Stephen Albert.....	Stockton, Alabama
Macdonald, Jean Cobain.....	Memphis, Tennessee
Manley, Jerry Bell.....	Memphis, Tennessee
Maples, Ernest Gordon, Jr.....	Munford, Tennessee
Martin, Margaret Ulmer.....	Hazlehurst, Mississippi
Means, Ella Bonner.....	Shreveport, Louisiana
Meeks, Gerald Edwin.....	Memphis, Tennessee
Mehrling, John Calvin.....	Richmond Hill, New York
Middleton, Owen Francis.....	Mobile, Alabama
Miller, Barbara Elaine.....	Memphis, Tennessee
Moffett, Harry McClellan.....	Gastonia, North Carolina
Mohns, Edward Bergen.....	Dallas, Texas
Moody, Alice Gay.....	Hollandale, Mississippi
Moore, Malvina Patience.....	Ackerman, Mississippi
Moore, Maribeth.....	Shreveport, Louisiana
Morris, Robert Hunt II.....	Medina, Tennessee
Mulloy, Judith Lynne.....	Laurel, Mississippi
Murchison, Frances Dillon.....	Alexandria, Louisiana
Napier, William Darrel.....	Semmes, Alabama
Naylor, Nancy.....	Baton Rouge, Louisiana
Norton, Robert Byrd.....	Memphis, Tennessee
Orr, Robert Alexander.....	Mayfield, Kentucky
Pagels, Gary London.....	Memphis, Tennessee
Patterson, Ann Lee.....	Laurel, Mississippi
Patterson, Kerry Temple.....	Memphis, Tennessee
Pennington, Clark William, Jr.....	Gainesville, Florida

Pickens, Sarah Elizabeth.....	Memphis, Tennessee
Pierce, Jere Eugene.....	Newbern, Tennessee
Pierson, David Attwood.....	Memphis, Tennessee
Poe, Lillian Beth.....	Little Rock, Arkansas
Portwood, John Cecil.....	Memphis, Tennessee
Potts, William Kole Brown.....	Mobile, Alabama
Powers, Eleanor Kay.....	Memphis, Tennessee
Preble, Margaret Lanell.....	New Orleans, Louisiana
Priester, Clifton Louie.....	Memphis, Tennessee
Pumphrey, Patricia Ann.....	Pine Bluff, Arkansas
Quade, Peggy Jean.....	Dallas, Texas
Ragar, Thurman Arthur, Jr.....	Pine Bluff, Arkansas
Raines, Kathryn Gertrude.....	Memphis, Tennessee
Ramseur, Susan Stone.....	Lincolnton, North Carolina
Reams, Johnny Marvin.....	Bells, Tennessee
Rice, John Fay, Jr.....	Miami, Florida
Rich, Charles Alfred.....	Gainesville, Florida
Richardson, John Stephen.....	Shreveport, Louisiana
Riviere, James Charles.....	North Little Rock, Arkansas
Robbins, Nathaniel Vick III.....	Crumrod, Arkansas
Robinson, Barbara Jean.....	Whitehaven, Tennessee
Rowland, Mike Dennis.....	Memphis, Tennessee
Rudolph, Constance Elizabeth.....	Pine Bluff, Arkansas
Russom, Maurice Leon.....	Memphis, Tennessee
Sanders, Harvey Stanford.....	Memphis, Tennessee
Sauers, Richard Henry.....	St. Petersburg, Florida
Scott, Tommy Charles.....	Memphis, Tennessee
Segraves, Marion Joyce.....	Stuttgart, Arkansas
Sheft, Barry Wayne.....	Memphis, Tennessee
Simpson, Amy Eloise.....	Memphis, Tennessee
Singer, Judith Anne.....	Memphis, Tennessee
Sledge, Sallie Joyce.....	Nashville, Tennessee
Smith, Aubrey Allen, Jr.....	Memphis, Tennessee
Smith, Gerald Patrick.....	Memphis, Tennessee
Smith, Laura Myna.....	Memphis, Tennessee
Smith, Susan Jane.....	Park Ridge, Illinois
Smyth, Susan Vardell.....	Blacksburg, Virginia
Sohm, John Joe.....	Whitehaven, Tennessee
Southall, Jarrell Eugene.....	DeQueen, Arkansas
Stephens, Elizabeth Agness.....	Laurel, Mississippi
Steward, Frances Jouett.....	Orlando, Florida
Stone, George Ell II.....	Kingsport, Tennessee
Stone, Susan Schuyler.....	Memphis, Tennessee
Tarbox, Peder Robert.....	Florence, Alabama
Taylor, William Wood.....	Memphis, Tennessee
Terrell, Kate Fisher.....	Memphis, Tennessee
Thomas, Elizabeth Carol.....	Memphis, Tennessee
Thomas, Janet Mary.....	Berwick, Louisiana
Thompson, Charlda Lewis.....	Memphis, Tennessee
Thornhill, Suzanne.....	Montgomery, Alabama
Towles, Alton Myers, Jr.....	Quincy, Florida
Tschantre, Susan Lee.....	Sheffield, Alabama
Tune, Samuel Edwin, Jr.....	Blytheville, Arkansas
Vanden Bosch, Thomas Peter.....	Mobile, Alabama
Vanderpoorten, Mary Beth.....	Hot Springs, Arkansas
Van Patten, Lois Ruth.....	Memphis, Tennessee
Vernotzy, Doreen Carol.....	Natchez, Mississippi
Veterane, David Alan.....	Kansas City, Missouri
Warden, James Alva.....	Memphis, Tennessee
Watson, Robert Briggs, Jr.....	Rio de Janeiro, Brazil
Watts, David Dean.....	Memphis, Tennessee
Whipple, Miriam Anne.....	Memphis, Tennessee

White, John Perry.....	Vicksburg, Mississippi
White, John Walter.....	Nashville, Tennessee
White, Phyllis Ann.....	Memphis, Tennessee
Wiggs, Emily Brown.....	Memphis, Tennessee
Wild, Marjorie LaFerre.....	Huntington, West Virginia
Willett, Diona Dee.....	Mobile, Alabama
Williamson, James Howard, Jr.....	Memphis, Tennessee
Wilson, Mimmye James.....	Isola, Mississippi
Wrather, Roy Aubra.....	Portageville, Missouri
Yost, Barbara Lynn.....	Memphis, Tennessee
Young, Beverly Ann.....	Millington, Tennessee

SOPHOMORE CLASS

Adams, John Robert.....	Memphis, Tennessee
Ajello, Joseph Michael.....	Memphis, Tennessee
Albright, Ed Willard, Jr.....	Nashville, Tennessee
Allen, Jane.....	Lambert, Mississippi
Allen, Lawrence Clark.....	Memphis, Tennessee
Alley, Jerrienne.....	Memphis, Tennessee
Arman, Richard Keith.....	Hot Springs, Arkansas
Atkinson, Anne.....	Brookhaven, Mississippi
Awsumb, George Wells.....	Memphis, Tennessee
Baldwin, Roger Hood.....	Tuscumbia, Alabama
Barker, Kenneth Ray.....	Memphis, Tennessee
Barret, Robert Latta.....	Memphis, Tennessee
Baumann, Patsy Carol.....	Memphis, Tennessee
Beach, Mary Beth.....	Clarksville, Tennessee
Bell, Barbara Savage.....	Milwaukee, Wisconsin
Bell, Gwendolyn Patricia.....	Memphis, Tennessee
Biggs, Beverly Louise.....	Natchez, Mississippi
Blasingame, George William.....	Columbia, Tennessee
Bowen, Charles Daniel.....	Memphis, Tennessee
Bradshaw, Stella Carol.....	Osceola, Arkansas
Browder, William Ogletree.....	Bessemer, Alabama
Brown, Richard Gordon.....	Memphis, Tennessee
Burdick, Sophia Anne.....	Memphis, Tennessee
Burge, William Robert, Jr.....	Metairie, Louisiana
Burke, Pat Sharkey.....	Ruleville, Mississippi
Burton, Mary Worth.....	Talladega, Alabama
Buxton, Mary Frances.....	Little Rock, Arkansas
Byars, Laura Diane.....	Mayfield, Kentucky
Campbell, William Aubrey.....	Thayer, Missouri
Cloar, Frank Thomas.....	Pine Bluff, Arkansas
Clothier, Rachael Ellen.....	Panama City, Florida
Cloud, James Gould.....	Itasca, Texas
Cobb, Mary Kate.....	Birmingham, Alabama
Cobb, Maysie Barbara.....	Mobile, Alabama
Cobb, Sarah Wynne.....	Memphis, Tennessee
Cook, Jane Ella.....	Little Rock, Arkansas
Cornish, Harry Lyndon.....	Little Rock, Arkansas
Coyle, Frank Arthur, Jr.....	Millington, Tennessee
Curlin, John Paschal.....	Marion, Arkansas
Dan, Jocelyn Maurie.....	Memphis, Tennessee
Davidson, William Van.....	Memphis, Tennessee
Davis, Thomas Albert.....	Madison, Florida
Day, Snowden Treadwell.....	Memphis, Tennessee
DenBleyker, Barbara Elizabeth.....	Ocala, Florida
Dew, Richard Allan.....	Memphis, Tennessee
Diamond, Eugene Lewis.....	Memphis, Tennessee
Echols, Robert Lynn.....	Memphis, Tennessee
Edwards, John Mosby.....	Memphis, Tennessee

Ertur, Sumer Nevin.....	Istanbul, Turkey
Ettman, Elaine Kinghorn.....	Memphis, Tennessee
Evans, Mary Jo.....	Bogalusa, Louisiana
Fey, Robert William, Jr.....	West Helena, Arkansas
Finch, Thelma Lynn.....	Little Rock, Arkansas
Finley, Jimmy Garrett.....	Adams, Tennessee
Fleming, Wilber Ray.....	Memphis, Tennessee
Forbes, Lucas Mathews.....	Birmingham, Alabama
Ford, Fred Ellis.....	Kennett, Missouri
Foster, Ralph Alton.....	Memphis, Tennessee
Fumbanks, Virginia Ann.....	McKenzie, Tennessee
Gainer, Raymond Michael.....	Memphis, Tennessee
Gaines, Eddie Ray.....	Memphis, Tennessee
Garner, Thomas Franklin.....	Ripley, Tennessee
Gates, Rodney Putnam, Jr.....	Memphis, Tennessee
Gay, Robert Laird.....	Memphis, Tennessee
Gillis, Malcolm Eugene.....	Memphis, Tennessee
Glasgow, Phillip Sidney.....	Memphis, Tennessee
Gooch, Martha Ann.....	Jackson, Mississippi
Goodgame, Mary Katherine.....	Memphis, Tennessee
Gray, James Stephen.....	Memphis, Tennessee
Green, Charlotte Lynn.....	Clarksdale, Mississippi
Griffith, Helene Ninette.....	Birmingham, Alabama
Growdon, Judith Anne.....	Little Rock, Arkansas
Haigler, Virginia Carolyn.....	Hayneville, Alabama
Hall, Patricia Ann.....	McKenzie, Tennessee
Hartzog, Henry Martin.....	Ozark, Alabama
Hays, Glenn Travis.....	Memphis, Tennessee
Heath, Nancy Ellen.....	Johnson City, Tennessee
Herbert, Jack Durmin.....	Hammond, Louisiana
Herndon, Charles Terry.....	Rome, Georgia
Holmes, Ellen Hinton.....	Jackson, Mississippi
Holt, Natalie Edwina.....	Memphis, Tennessee
Holter, William Gerald, Jr.....	Birmingham, Alabama
Howard, Joy Ann.....	Vicksburg, Mississippi
Hudson, Shelia Sue.....	Vance, Mississippi
Huffman, Mary Susan.....	Blytheville, Arkansas
Jackson, Helen Everett.....	Memphis, Tennessee
Jackson, Paul.....	Clinton, Louisiana
Jackson, Thomas Francis III.....	Memphis, Tennessee
Jacobus, Otha John.....	Memphis, Tennessee
Jacoway, William.....	Birmingham, Alabama
Johnson, David Bartlett.....	Nashville, Tennessee
Johnston, Genevieve Scott.....	Lexington, Kentucky
Johnston, June Marie.....	Sheffield, Alabama
Jones, Luke Mack.....	Ripley, Tennessee
Jones, Zama Blanchard.....	Shreveport, Louisiana
Kimbrow, John Burl.....	Marks, Mississippi
King, Joseph Aaron.....	Germentown, Tennessee
Klotz, Delma Jean.....	Memphis, Tennessee
Landreth, Charles Noel.....	Memphis, Tennessee
Lawrence, Linda Ann.....	Memphis, Tennessee
Lawrence, Paul Walker, Jr.....	Memphis, Tennessee
Lawson, Harry Howse.....	Nashville, Tennessee
Liddell, Mary Catherine.....	Memphis, Tennessee
Ligon, Marian Jeanne.....	Mt. Pleasant, Tennessee
Lindenberger, James Miller.....	Lynnville, Tennessee
Lindsey, David Erle.....	Bay Minette, Alabama
Lobaugh, Diane Elaine.....	Memphis, Tennessee
Loenneke, Henry Fields.....	Memphis, Tennessee
Long, John Hugh.....	Memphis, Tennessee
Longmire, Gordon Taylor.....	Charlotte, North Carolina

McAdoo, David Lee	Dallas, Texas
McCall, Duke Kimbrough, Jr.	Louisville, Kentucky
McCallie, Franklin Scanlon	Chattanooga, Tennessee
McCullough, Diane	Memphis, Tennessee
McDonald, Frances Kay	Mobile, Alabama
McIntosh, William	Memphis, Tennessee
McLean, William Earl	Griffin, Georgia
Maclin, Robert Spencer III	Ripley, Tennessee
Mankin, William Gray	Memphis, Tennessee
Martin, Marilyn	Memphis, Tennessee
Mays, Richard Christian, Jr.	Memphis, Tennessee
Melvin, Lyn Mary	Memphis, Tennessee
Miles, Donna Jo	Memphis, Tennessee
Mills, Laney Ray	Bogalusa, Louisiana
Minter, David Smith	Sherman, Texas
Minyard, Charlotte Margaret	Jackson, Mississippi
Mixon, Arthur Lee	Memphis, Tennessee
Mixon, Catherine	Memphis, Tennessee
Moore, Anne Leigh	Whitehaven, Tennessee
Morelock, Sue Ellen	Munford, Tennessee
Mulford, David Lynn	Shreveport, Louisiana
Myatt, Martha Graham	Memphis, Tennessee
Nance, Warren George	Memphis, Tennessee
Neff, Robert Amos, Jr.	Shreveport, Louisiana
Nelson, Margaret Karen	Starkville, Mississippi
Newman, Ross Douglas	Alameda, California
Nichols, Martha Eloise	Money, Mississippi
Nickey, Samuel Mossman	Memphis, Tennessee
O'Leary, Kathleen Louise	Memphis, Tennessee
Osterbind, Rosilie Stockard	Gainesville, Florida
Partee, Edith J.	Germantown, Tennessee
Patience, Robert Herbert, Jr.	New Orleans, Louisiana
Peeples, Marlene	Birmingham, Alabama
Phillips, Mimi Gardner	Memphis, Tennessee
Pigott, Rebecca Louise	Memphis, Tennessee
Powell, Eleanor Jennings	Memphis, Tennessee
Price, Joan	Wynne, Arkansas
Puckett, Ward Earl, Jr.	Memphis, Tennessee
Puryear, Terrence Brady	Gallatin, Tennessee
Rankin, Frank Earle, Jr.	Gainesville, Florida
Reil, Diana Ernastine	Decatur, Georgia
Rice, John Calhoun III	Braden, Tennessee
Richards, Sarah Ellen	Chattanooga, Tennessee
Ringold, Bertis	Winona, Mississippi
Rond, Charles A.	Memphis, Tennessee
Rueda, Enrique P.	Puebla, Mexico
Rutledge, Mary Helen	Clarksdale, Mississippi
Scates, Betty Blythe	Henning, Tennessee
Scott, Thomas M., Jr.	Ripley, Tennessee
Shettlesworth, Juanita Ann	Memphis, Tennessee
Sholder, Sandra Mabel	Memphis, Tennessee
Simpson, Mary Sue	Shaw, Mississippi
Smith, Gretchen Mary	Decatur, Georgia
Smith, Truman McGonigal	Magnolia Springs, Alabama
Stevenson, Robin Malcolm	Memphis, Tennessee
Stewart, Alice Marilyn	Galena Park, Texas
Stewart, Mary Ann	Canton, Ohio
Strautman, Alan Milton, Jr.	Memphis, Tennessee
Templeton, Mary Susan	Memphis, Tennessee
Terhune, Ronald Lytle	Memphis, Tennessee
Thames, Stewart, Jr.	Mobile, Alabama
Thomas, James Albert III	Memphis, Tennessee

Thompson, Claude Warren.....	Memphis, Tennessee
Thorn, Sylvester Wesley.....	Houston, Texas
Threlkeld, Robert Clinton.....	Memphis, Tennessee
Thweatt, Joseph Wayne.....	Whitehaven, Tennessee
Tollison, Grady Franklin, Jr.....	Memphis, Tennessee
Truscott, Michael Hugh.....	Sao Paulo, Brazil
Van Leer, Earl Melville.....	Memphis, Tennessee
Vaughan, Robert Gwynn.....	Lebanon, Tennessee
Wadsworth, Mary Elizabeth.....	Hernando, Mississippi
Walker, Noble Ray.....	Memphis, Tennessee
Walter, Harold Gordon.....	Memphis, Tennessee
Weathersby, Frank Douglas.....	Magnolia, Mississippi
Webster, Anne Porter.....	Memphis, Tennessee
Welsh, Margaret Louise.....	Fern Creek, Kentucky
Whaley, Dorlyse Emylyn.....	Memphis, Tennessee
Wheeler, Albert Johnson, Jr.....	Nashville, Tennessee
White, Thomas Jefferson.....	Memphis, Tennessee
Williamson, Parker Trevilian.....	Baton Rouge, Louisiana
Wilson, Billy Ray.....	Hayti, Missouri
Woolfolk, William Theodore, Jr.....	Memphis, Tennessee
Wynn, Martha Ozella.....	Pensacola, Florida
Yates, Jenny Lee.....	Mayfield, Kentucky

JUNIOR CLASS

Agnew, Jocelyn Elizabeth.....	Atlanta, Georgia
Anderson, Harvey Gene.....	Memphis, Tennessee
Bailey, Marvin E.....	Memphis, Tennessee
Barbarin, Charlotte Louise.....	Clarksdale, Mississippi
Barham, Barbara Alexander.....	Amory, Mississippi
Barret, Martha.....	Memphis, Tennessee
Barrett, Nancy Jane.....	Memphis, Tennessee
Bartlett, Robert Oakland.....	Memphis, Tennessee
Baumgarten, Edith Elizabeth.....	Memphis, Tennessee
Boone, Marjorie Louise.....	Memphis, Tennessee
Bracewell, Martha Sue.....	Doraville, Georgia
Busbee, Westley Floyd.....	Meridian, Mississippi
Caldwell, Linda Sue.....	Shreveport, Louisiana
Carter, Dixie Virginia.....	Huntingdon, Tennessee
Clinton, Tommy Virble.....	Memphis, Tennessee
Coleman, Mary Jane.....	Whitehaven, Tennessee
Cross, Sarah Emily.....	Memphis, Tennessee
Crumpler, Robert Pridgen.....	Fayetteville, North Carolina
Curtis, Shannon Ray.....	Munford, Tennessee
Davis, Marily Sue.....	Jackson, Mississippi
Drash, Samuel Lewis.....	St. Petersburg, Florida
Dudley, Mary Faye Thomas.....	Memphis, Tennessee
Duncan, Jerry Mark.....	Memphis, Tennessee
Dunn, George C., Jr.....	Ozark, Alabama
Elkin, Katherine Boyce.....	Macon, Mississippi
Ford, Mary Lillian.....	Columbia, Tennessee
Frazer, John Bernard.....	Warren, Arkansas
Garner, Lela Anne.....	Memphis, Tennessee
Hall, Eleanor Lee.....	Memphis, Tennessee
Hardy, Marion Irene.....	Memphis, Tennessee
Harper, James Sebastian.....	Memphis, Tennessee
Heidelberg, Harvey Howard.....	Memphis, Tennessee
Henderson, Betsy Ruby.....	Memphis, Tennessee
Henderson, Edward Hugh.....	Guntersville, Alabama
Hicks, Dorothy Ann.....	Jackson, Tennessee
Higley, Irene.....	Memphis, Tennessee
Hockensmith, Margaret.....	Shenandoah Junction, West Virginia

Holland, Nancy Elizabeth	Anniston, Alabama
Holland, Ronald Cecil	Anniston, Alabama
Howard, Willis Benham, Jr.	Jackson, Mississippi
Hubert, Sandra Lizabeth	Gulfport, Mississippi
Hughes, Allen Holt	Memphis, Tennessee
Hungarland, John Durrett, Jr.	Ocala, Florida
Hurst, William Calvin	Hot Springs, Arkansas
Hutter, James Lyons III	Memphis, Tennessee
Inlow, Charles Elmo	Mexico, Missouri
Inman, Eleanor Louise	Memphis, Tennessee
Jenkins, William Harvey, Jr.	Columbus, Ohio
Johnson, William Louis	Cookeville, Tennessee
Kirchen, Susan Mae	Memphis, Tennessee
Landers, Billy Wayne	Memphis, Tennessee
Lowe, Brenda Diane	Memphis, Tennessee
McCaleb, Dorothy Baker	Savannah, Tennessee
McCharen, Mary Elizabeth	Jackson, Mississippi
McColgan, Mary Allie	Pine Bluff, Arkansas
McCormick, George Millsaps	Germantown, Tennessee
McGavock, Margaret Sewell	Tuscumbia, Alabama
McKenzie, Janet	Hope, Arkansas
McMahon, Richard Warren	Memphis, Tennessee
McPheeters, Hugh	Poplar Bluff, Missouri
Macey, Michael	Temple, Texas
Magee, Ruth Ann	Corning, Arkansas
Marr, Mary Elizabeth	Blytheville, Arkansas
Maxfield, Sarah	New Orleans, Louisiana
Menzies, Daisi	Dyersburg, Tennessee
Monsarrat, Donna	Memphis, Tennessee
Moore, Betty Ann	Mobile, Alabama
Moose, Anita Loraine	Memphis, Tennessee
Moreau, Liliane	Vesoul, France
Morris, Elna Joanne	Gadsden, Alabama
Morton, Mary Alice	Memphis, Tennessee
Myers, Nancy Ann	Memphis, Tennessee
Nickey, Virginia Randolph	Memphis, Tennessee
Nuckolls, Nelle Blain	Memphis, Tennessee
Orr, Carolyn Brooke	Nashville, Tennessee
Parks, Ralph Thomas	Paragould, Arkansas
Pearsall, Maranell	Memphis, Tennessee
Perry, Maria	Santiago, Chile
Phillips, Charlie Pete	Jackson, Mississippi
P'Pool, Elizabeth Anne	Morganfield, Kentucky
Prichard, Mack S.	Memphis, Tennessee
Prichard, Mary Joy	Memphis, Tennessee
Quinn, Fay Elizabeth	Memphis, Tennessee
Raine, William Lewis	Memphis, Tennessee
Rainey, Carole Louise	Tiptonville, Tennessee
Reed, William Leighton	Jackson, Tennessee
Robertson, Claire	Marianna, Arkansas
Ruyl, Margaret Lucy	Memphis, Tennessee
Sachs, Diane Goodman	Cordova, Tennessee
St. John, Judy	Memphis, Tennessee
Schaap, Mark Otto	Cornelia, Georgia
Schilling, Peter Paul	Vienna, Austria
Sewell, Maxine	Whitehaven, Tennessee
Shenep, Karl Edmond	Memphis, Tennessee
Smith, Edward Henry	Memphis, Tennessee
Smith, Walter Leslie	Memphis, Tennessee
Smithson, Patsy Ann	Kosciusko, Mississippi
Stansel, Elizabeth Farrow	Ruleville, Mississippi
Stowers, James Byrd	Memphis, Tennessee

Strickland, Robert Ralph.....	Memphis, Tennessee
Swaim, Barbara Ann.....	Pine Bluff, Arkansas
Swinney, Harry Leonard.....	Port Lavaca, Texas
Templeton, John Howard.....	Memphis, Tennessee
Thompson, J. L. III.....	Blytheville, Arkansas
Thornton, John Howard.....	Memphis, Tennessee
Tuggle, Bertrand Ross.....	Loudonville, Ohio
Viar, Jerry Davidson.....	Memphis, Tennessee
Voitier, Janice Louise.....	Memphis, Tennessee
Waite, Birt Ellsworth.....	Memphis, Tennessee
Wallace, Roberta Delafield.....	Memphis, Tennessee
Ward, Richard Cromwell.....	Memphis, Tennessee
Whipple, Daniel Stephen.....	Memphis, Tennessee
White, Barbara Ann.....	Memphis, Tennessee
Whittle, Stewart Coleman.....	Pine Bluff, Arkansas
Williams, H. Glenn.....	Memphis, Tennessee
Wilson, Elizabeth Anne.....	Memphis, Tennessee
Wilson, William C.....	Memphis, Tennessee
Winter, Sandra Lee.....	Mobile, Alabama
Yates, Beverly Nell.....	Memphis, Tennessee
Young, Emma Leah.....	New Orleans, Louisiana

SENIOR CLASS

Alford, Johnny Mac.....	Steele, Missouri
Andrews, Robert Walton.....	Memphis, Tennessee
Atkinson, Anna Carolyn.....	Vance, Mississippi
Aydellott, Judy Watkins.....	Hope, Arkansas
Baxter, Virginia Kimbrough.....	Covington, Tennessee
Bertrand, Fred Edmond, Jr.....	New Orleans, Louisiana
Blair, John Clyde.....	Montgomery, Alabama
Botsford, James Eugene.....	E. Gadsden, Alabama
Boyce, Karen.....	Port Gibson, Mississippi
Brown, Robert.....	Memphis, Tennessee
Bunn, Richard Lewis.....	Clinton, North Carolina
Burkhalter, William David.....	Memphis, Tennessee
Butt, John W.....	Franklin, Kentucky
Carrell, Finis Dixon.....	Memphis, Tennessee
Casanova, Travis Glen.....	Rolling Fork, Mississippi
Crabb, George Wade.....	Beech Grove, Kentucky
Cross, Alfred Donovan.....	New Orleans, Louisiana
Crouch, Mary Asbury.....	Gulfport, Mississippi
Curtis, James Dabney.....	Memphis, Tennessee
Daniel, John Alexander.....	Shelbyville, Kentucky
Darden, Ethel Margaret.....	Baton Rouge, Louisiana
Davis, James McKay.....	Shreveport, Louisiana
Davis, Rebecca Ann.....	Memphis, Tennessee
Eagle, Bryan Munroe.....	Memphis, Tennessee
Eason, Patricia.....	Gulfport, Mississippi
Finch, Beverly Ethel.....	Little Rock, Arkansas
Fury, Lawrence A., Jr.....	Memphis, Tennessee
Galloway, Nelly Jane.....	Memphis, Tennessee
Gay, James Stephen.....	Biloxi, Mississippi
Gibbs, Caroline.....	Franklin, Tennessee
Glenn, Beryl Friddle.....	Memphis, Tennessee
Glenn, David Park.....	Memphis, Tennessee
Harris, William Houston.....	Lewisburg, West Virginia
Heinemann, Martha Annette.....	Hot Springs, Arkansas
Henley, Raymond Fowler.....	Memphis, Tennessee
Hettinger, John D.....	Memphis, Tennessee
Hicks, Sarah Gordon.....	Natchez, Mississippi
Hiller, Peggy.....	Memphis, Tennessee

Hixon, John Edward.....	Montgomery, Alabama
Hogsett, Alice Charlotte.....	Brownsville, Tennessee
Hollingsworth, Paul Thomas.....	Memphis, Tennessee
Hunt, Joanne Elizabeth.....	Marianna, Arkansas
Jappe, Ann.....	Memphis, Tennessee
Jenkins, Jon Calvin.....	Memphis, Tennessee
Killebrew, Patricia Anne.....	Memphis, Tennessee
Kilpatrick, Frances Allen.....	Clarksdale, Mississippi
Kim, Soon Ki.....	Seoul, Korea
Kimbrough, Mary Ann.....	Memphis, Tennessee
Kitley, Connie Jo.....	Midland, Texas
Knight, Geraldine.....	Old Hickory, Tennessee
Korsakov, Richard.....	Memphis, Tennessee
Krause, Carol Ann.....	Natchez, Mississippi
Kyser, Neva H.....	Belmond, Iowa
Lafferty, Carol Marie.....	Alamogordo, New Mexico
Leverett, James M.....	McGehee, Arkansas
L'heureux, Diana Barbara.....	Chicago, Illinois
Lowe, Margaret Elizabeth.....	Washington, D.C.
MacQueen, Robert Moffat.....	Memphis, Tennessee
McCollum, Katherine Jane.....	Memphis, Tennessee
McCrary, Thomas Ross.....	Memphis, Tennessee
McKinley, Nadine.....	Shreveport, Louisiana
Mansfield, Mecklin Robert.....	Crenshaw, Mississippi
Marwood, Sandra Ann.....	Little Rock, Arkansas
Montag, Jackie Ruth.....	Memphis, Tennessee
Myers, Elizabeth Ann.....	Jackson, Mississippi
Palmer, Jo Lynn.....	Memphis, Tennessee
Palmer, Virginia.....	Pine Bluff, Arkansas
Patton, Lynda Lipscomb.....	Memphis, Tennessee
Peters, Harold Jerry.....	Memphis, Tennessee
Petersen, James David.....	Stuttgart, Arkansas
Pflug, Dale Norman.....	Little Rock, Arkansas
Pitts, James Oscar III.....	Mobile, Alabama
Pollard, Donald Ewell.....	Nashville, Tennessee
Poppenheimer, Joseph.....	Memphis, Tennessee
Quade, Carol Ann.....	Dallas, Texas
Ramsey, David Carl.....	Memphis, Tennessee
Read, Leslie W.....	West Monroe, Louisiana
Reagan, Morris Trawick.....	Hazlehurst, Mississippi
Regen, Mary Gardner.....	Lebanon, Tennessee
Reynolds, Lee Allen.....	Memphis, Tennessee
Ridolphi, Corinne.....	Memphis, Tennessee
Ritter, Enloe Thomas.....	Memphis, Tennessee
Roberson, Jo Ann.....	Memphis, Tennessee
Roberson, Mary Virginia.....	Memphis, Tennessee
Runyon, Joy Deanne.....	Chattanooga, Tennessee
Rust, Ann.....	Memphis, Tennessee
Salmon, Anna Gwynne.....	Overland, Missouri
Scott, Suellen.....	Memphis, Tennessee
Shettlesworth, Betty Carolyn.....	Memphis, Tennessee
Sims, Virginia Bowe.....	Hot Springs, Arkansas
Singleton, William Caldwell.....	Memphis, Tennessee
Smith, David McGonigal.....	Magnolia Springs, Alabama
Smith, Patricia Luellen.....	Dyersburg, Tennessee
Smith, Therese Marilyn.....	Holly Grove, Arkansas
Somerville, John William.....	Memphis, Tennessee
Stephens, Clara Louise.....	Laurel, Mississippi
Streete, John Lemuel.....	Caruthersville, Missouri
Strong, James Marshall.....	Memphis, Tennessee
Tate, Donald Owen.....	Memphis, Tennessee
Taylor, Glenda Sue.....	Johnson City, Tennessee

Thomas, Jane Faxon.....	Memphis, Tennessee
Thomas, Myron Milton.....	Memphis, Tennessee
Todd, Richard Sherwood.....	Hot Springs, Arkansas
Turley, John Cleveland.....	Memphis, Tennessee
Turner, Marilyn Adella.....	Atlanta, Georgia
Vaulx, Rann Lawton.....	Pine Bluff, Arkansas
Viar, Carmack Wilson, Jr.....	Ripley, Tennessee
Vines, Elizabeth Ann.....	Little Rock, Arkansas
Wallace, William Bradley.....	Bartlett, Tennessee
Warren, Miriam Joan.....	Memphis, Tennessee
Webb, James Thurman.....	Memphis, Tennessee
Werner, John Howard.....	Chattanooga, Tennessee
Wessell, David Emanuel.....	Leland, North Carolina
White, Carolyn Crawford.....	Memphis, Tennessee
Whittington, Jane Elizabeth.....	Memphis, Tennessee
Wilson, David Pegram.....	Memphis, Tennessee
Winn, Betty Claire.....	Memphis, Tennessee
Wood, Jimmy Crawford.....	Memphis, Tennessee
Wooten, Sarah Elizabeth Maxine.....	Birmingham, Alabama
Wright, Gary Donald.....	Memphis, Tennessee
Yancey, Kenneth Eugene.....	Memphis, Tennessee
Zbinden, Sylvan Ray.....	Chattanooga, Tennessee

PART-TIME STUDENTS

Baldrige, William Edward.....	Memphis, Tennessee
Barkovitz, Vesta.....	Portageville, Missouri
Barron, Lauralee.....	Memphis, Tennessee
Betz, Richard Joseph.....	Memphis, Tennessee
Bill, Roland A.....	Memphis, Tennessee
Canada, Eleanor L.....	Memphis, Tennessee
Carr, Mariann Shannon.....	Mount Jackson, Virginia
Davis, Allan Philputt.....	Memphis, Tennessee
DeMarco, Betty Anne.....	Memphis, Tennessee
Dent, Phoebe Paxton (Mrs.).....	Memphis, Tennessee
Dent, Phoebe Paxton (Miss).....	Memphis, Tennessee
Deutsch, Vera.....	Memphis, Tennessee
Eagle, Fredette Smith.....	Memphis, Tennessee
Eagle, Mary Gayle.....	Memphis, Tennessee
Ellis, Martha M.....	Memphis, Tennessee
Engelberg, Florence.....	Memphis, Tennessee
Gammon, Ruth Alice.....	Henning, Tennessee
Gunter, James William.....	Fayette, Alabama
Harrison, Cathrine Dyer.....	Memphis, Tennessee
Hill, Sandra Kathryn.....	Memphis, Tennessee
Hunter, William R.....	Memphis, Tennessee
Ibrahim, Mireille.....	Cairo, Egypt
Lowrence, Josephine.....	Memphis, Tennessee
Miles, Elise Smithwick.....	Memphis, Tennessee
Morrison, Markesan.....	Memphis, Tennessee
Owen, Ernest Tyrrell.....	Orlando, Florida
Permenter, Alice Faye.....	Somerville, Tennessee
Pierce, Dorothy Robinson.....	Leachville, Arkansas
Prince, Arthur Hessel.....	Memphis, Tennessee
Rothberg, Betty Ceaser.....	Memphis, Tennessee
Smallwood, Kathryn Elnora.....	Memphis, Tennessee
Smith, Stanley B.....	Eads, Tennessee
Swift, Marilyn.....	Portageville, Missouri
Williams, Lynn Reid.....	Memphis, Tennessee
Wrape, Posey Rhea.....	Memphis, Tennessee
Yudilevich, David L.....	Memphis, Tennessee

IN-SERVICE STUDENTS

Bridger, Ruth.....	Memphis,	Tennessee
Brignardello, Alice Theresa.....	Memphis,	Tennessee
Cannon, Louise Hill.....	Memphis,	Tennessee
Clark, Dorothy Wilson.....	Memphis,	Tennessee
Codner, Leonard Eugene.....	Memphis,	Tennessee
Field, Robert Eugene.....	Memphis,	Tennessee
Fisher, Mary Bell.....	Memphis,	Tennessee
Flint, Shirley Jean.....	Memphis,	Tennessee
Gavin, Margaret M.....	Memphis,	Tennessee
Hall, Katherine Reid.....	Memphis,	Tennessee
Harrell, Martha Virginia.....	Memphis,	Tennessee
Jeter, Ella Dale.....	Memphis,	Tennessee
Johnson, Alice.....	Memphis,	Tennessee
King, Mary Lois.....	Memphis,	Tennessee
Kitterman, Earl Douglas.....	Memphis,	Tennessee
McCallum, Oliver Watkins.....	Memphis,	Tennessee
Morphis, Mary A.....	Memphis,	Tennessee
Nations, Earline J.....	Memphis,	Tennessee
Norris, Oscar John, Sr.....	Memphis,	Tennessee
Parker, Mary Alice.....	Memphis,	Tennessee
Phillips, Mary Geraldine.....	Memphis,	Tennessee
Pierce, Gladys Crump.....	Memphis,	Tennessee
Roney, Robert Kelly.....	Memphis,	Tennessee
Scrimger, Evelyn Craft.....	Memphis,	Tennessee
Seffens, Virginia Irene.....	Memphis,	Tennessee
Shewmaker, Anne Louise.....	Memphis,	Tennessee
Tennant, Amy Kathleen.....	Memphis,	Tennessee
Truebger, Mary Porter.....	Memphis,	Tennessee
Wren, May Wynn C.....	Germantown,	Tennessee
Yancey, Eunice Harvey.....	Memphis,	Tennessee

SUMMER SESSION, 1959

Adams, Frank.....	Memphis,	Tennessee
Alford, John.....	Steele,	Missouri
Allen, Lee.....	Memphis,	Tennessee
Andrews, Robert W.....	Memphis,	Tennessee
Atkins, Jerry Franklin.....	McKenzie,	Tennessee
Bailey, Marvin E.....	Memphis,	Tennessee
Baker, Margaret.....	Memphis,	Tennessee
Barbarin, Charlotte.....	Clarksdale,	Mississippi
Barham, Barbara.....	Collierville,	Tennessee
Barkovitz, Vesta.....	Portageville,	Missouri
Barney, Jan.....	Anadarko,	Oklahoma
Barton, Forbes M., Jr.....	Memphis,	Tennessee
Bethea, Ann.....	Memphis,	Tennessee
Bethea, Maury.....	Memphis,	Tennessee
Boone, Marjorie.....	Memphis,	Tennessee
Bowen, Patricia.....	Memphis,	Tennessee
Boyce, Karen.....	Port Gibson,	Mississippi
Brigance, Edna Faye.....	Dundee,	Mississippi
Brown, Jack Davis.....	Memphis,	Tennessee
Brown, Worthington, Jr.....	Memphis,	Tennessee
Bryant, Jeanne E.....	Huntingdon,	Tennessee
Buchman, Leslie W.....	Memphis,	Tennessee
Buckman, John D.....	Memphis,	Tennessee
Bull, Linda.....	Stuttgart,	Arkansas
Burch, Suzanne.....	Helena,	Arkansas
Burkhalter, W. D. Jr.....	Memphis,	Tennessee
Calame, Paul Armand, Jr.....	Memphis,	Tennessee

Canary, Lucy Ann.....	Memphis, Tennessee
Carey, Margaret.....	Memphis, Tennessee
Carney, Marjorie.....	Memphis, Tennessee
Challen, Betty Doyle.....	Memphis, Tennessee
Clarke, Joan.....	Memphis, Tennessee
Conner, Ann Oldham.....	Memphis, Tennessee
Cooper, Beverly Dee.....	Memphis, Tennessee
Cowan, Mary Elise.....	La Grange, Tennessee
Craft, Mary Ann.....	Memphis, Tennessee
Craven, Agatha.....	Lepanto, Arkansas
Crumpler, Robert P.....	Fayetteville, North Carolina
Cumberland, Russell Mack.....	Memphis, Tennessee
Cure, Edwin Joseph, Jr.....	Blytheville, Arkansas
Curlin, John Paschal.....	Marion, Arkansas
Datz, Sue.....	Memphis, Tennessee
Duncan, Eva Mae.....	Memphis, Tennessee
Eagle, Bryan M.....	Memphis, Tennessee
Eagle, Fredette.....	Memphis, Tennessee
Ertur, Sumer.....	Istanbul, Turkey
Faber, Thomas John.....	Memphis, Tennessee
Fey, Robert W., Jr.....	Helena, Arkansas
Fisher, Hubert F.....	Memphis, Tennessee
Fleming, Ray.....	Memphis, Tennessee
Franklin, Stanley P.....	Memphis, Tennessee
Frazer, John B.....	Warren, Arkansas
Galloway, Nelly Jane.....	Memphis, Tennessee
Gamble, Wanda.....	Millington, Tennessee
Gates, Rodney, Jr.....	Memphis, Tennessee
Glenn, James McDuff.....	Collierville, Tennessee
Goodman, Bobbye Louise.....	Memphis, Tennessee
Gordon, Mary Ann.....	Memphis, Tennessee
Griffin, Robin Delmar.....	Indianola, Mississippi
Gustafson, Millard B.....	Memphis, Tennessee
Hall, Eleanor Lee.....	Memphis, Tennessee
Hamilton, Ralph B.....	West Memphis, Arkansas
Hart, Mrs. William.....	Memphis, Tennessee
Harwood, Fairfax Cary.....	Memphis, Tennessee
Henderson, Betsy.....	Memphis, Tennessee
Higley, Irene.....	Memphis, Tennessee
Holmes, Finley C.....	Memphis, Tennessee
Hopper, Radford.....	Memphis, Tennessee
Howard, Fred, Jr.....	Memphis, Tennessee
Hudson, Sheila.....	Vance, Mississippi
Jappe, Ann.....	Memphis, Tennessee
Johnson, James T.....	Memphis, Tennessee
Johnson, Lowell Thomas.....	Memphis, Tennessee
Jones, Betty Burleigh.....	Memphis, Tennessee
Kaufmann, Peggy Ann.....	Memphis, Tennessee
Kelly, Ernest, Jr.....	Memphis, Tennessee
Kidd, William D.....	Memphis, Tennessee
Killibrew, Patricia Anne.....	Memphis, Tennessee
Kim, Soon Ki.....	Seoul, Korea
Kimbrough, Mary Ann.....	Memphis, Tennessee
King, J. Cash, Jr.....	Memphis, Tennessee
King, Jo Ann Williams.....	Memphis, Tennessee
Kinnebrew, Nancy Sloan.....	Memphis, Tennessee
Kinney, Laurence F. Jr.....	Memphis, Tennessee
Kirchen, Sue.....	Memphis, Tennessee
Kisber, Louis Henry.....	Memphis, Tennessee
Kittle, Charleese.....	Merigold, Mississippi
Klotz, Delma.....	Memphis, Tennessee
Knowlton, Maury S.....	Perthshire, Mississippi

Korsakov, Richard	Memphis, Tennessee
Kyser, Neva H.	Belmond, Iowa
Lafferty, Carol	Memphis, Tennessee
Larkey, Ellen	Memphis, Tennessee
Leverett, James	McGehee, Arkansas
Levi, Tommy Lou	Memphis, Tennessee
Liddell, Mary C.	Memphis, Tennessee
Lubin, Alvin Harold	Memphis, Tennessee
Lyles, Katherine Lee	Memphis, Tennessee
MacQueen, Leigh W.	Memphis, Tennessee
McCaleb, Dorothy B.	Savannah, Tennessee
McCollum, Katherine	Memphis, Tennessee
McDevitt, John N.	Memphis, Tennessee
McKinney, Anne	Memphis, Tennessee
Mann, Carolyn K.	Collierville, Tennessee
Mays, Richard C. Jr.	Memphis, Tennessee
Mitchell, Janis	Corinth, Mississippi
Montag, Jackie Ruth	Memphis, Tennessee
Moore, George Gartley	Cordova, Tennessee
Moore, Sherry Ann	Memphis, Tennessee
Moose, Anita	Memphis, Tennessee
Nichol, Richard E. M.	Memphis, Tennessee
Nicholson, Don Howard	Memphis, Tennessee
Orman, Reba Ann	Memphis, Tennessee
Partee, Edith	Germantown, Tennessee
Patton, Lynda L.	Memphis, Tennessee
Perlman, Irwin Frank	Memphis, Tennessee
Peters, Harold Jerry	Memphis, Tennessee
Pierce, Jere Eugene	Newbern, Tennessee
Prewitt, Malcolm L. Jr.	Memphis, Tennessee
Prichard, Mack S.	Memphis, Tennessee
Rainey, Carole	Tiptonville, Tennessee
Ray, Russell H.	Memphis, Tennessee
Reagor, Katherine R.	Memphis, Tennessee
Reaves, Betty Carolyn	Memphis, Tennessee
Reiners, Anne	Memphis, Tennessee
Rhodes, Diana	Paris, Tennessee
Rhymes, Cynthia	Columbia, South Carolina
Rogers, Marcelle	Tupelo, Mississippi
Rond, Charles A.	Memphis, Tennessee
Saine, Evelyn Meadows	Memphis, Tennessee
Sauer, Larry Alan	Memphis, Tennessee
Seabrook, Patsy Martak	Memphis, Tennessee
Shenep, Karl E.	Memphis, Tennessee
Shettlesworth, Juanita	Memphis, Tennessee
Sholder, Sandra M.	Memphis, Tennessee
Sinclair, John L.	Memphis, Tennessee
Singleton, William	Memphis, Tennessee
Sink, Mary Lillian	Memphis, Tennessee
Smith, Marilyn	Memphis, Tennessee
Smith, Patricia	Dyersburg, Tennessee
Somervill, John W.	Memphis, Tennessee
Sprunt, Edith L.	Memphis, Tennessee
Strickland, Robert R.	Memphis, Tennessee
Strother, Donald D.	Memphis, Tennessee
Sulcer, Alice C.	Marion, Arkansas
Sutton, Harold Bruce	Memphis, Tennessee
Swift, Marilyn Jo	Portageville, Missouri
Tanner, Ray G.	Memphis, Tennessee
Tate, Donald O., Jr.	Memphis, Tennessee
Templeton, John H.	Memphis, Tennessee
Templeton, Virginia	Memphis, Tennessee

Terhune, Ronald.....Memphis, Tennessee
 Thomas, Myron.....Memphis, Tennessee
 Thorn, Sylvester W.....Houston, Texas
 Thornton, John H.....Memphis, Tennessee
 Tillinghast, David C.....Memphis, Tennessee
 Tillinghast, Richard W.....Memphis, Tennessee
 Tindall, Dorothy J.....Memphis, Tennessee
 Todd, Richard.....Hot Springs, Arkansas
 Tresan, David L.....Memphis, Tennessee
 Underwood, George B.....Memphis, Tennessee
 Van Cleff, Ina.....Memphis, Tennessee
 Wadsworth, Mary E.....Hernando, Mississippi
 Wallace, William B.....Bartlett, Tennessee
 Ward, Richard C.....Memphis, Tennessee
 Wardlow, William G.....Bolivar, Tennessee
 Watson, Robert B., Jr.....Rio de Janeiro, Brazil
 Wener, Edward A.....Memphis, Tennessee
 Wessell, David E.....Leland, North Carolina
 Whipple, Dan S.....Memphis, Tennessee
 Whipple, Miriam Anne.....Memphis, Tennessee
 White, Carolyn.....Memphis, Tennessee
 White, John Charles.....Blytheville, Arkansas
 Whiteleather, Bonnie.....Memphis, Tennessee
 Whiteleather, Carol.....Memphis, Tennessee
 Whittington, Jane.....Memphis, Tennessee
 Will, Geraldine Irion.....Memphis, Tennessee
 Williams, Carolyn E.....Memphis, Tennessee
 Wilson, Elizabeth A.....Memphis, Tennessee
 Wilson, David P.....Memphis, Tennessee
 Wilson, James E.....Memphis, Tennessee
 Wood, Jimmy C.....Memphis, Tennessee
 Woolfolk, Theodore.....Senatobia, Mississippi
 Wynn, Nell Elizabeth.....Merigold, Mississippi
 Yancey, Kenneth.....Memphis, Tennessee
 Yates, Beverly.....Memphis, Tennessee
 Yost, Barbara L.....Memphis, Tennessee

STUDENT ENROLLMENT

SESSION 1959-60

Memphis	271
Tennessee (outside Memphis)	91
Alabama	58
Arkansas	61
California	1
District of Columbia	1
Florida	18
Georgia	9
Illinois	2
Iowa	1
Kentucky	13
Louisiana	39
Mississippi	61
Missouri	15
Nebraska	1
New Mexico	1
New York	1
North Carolina	10
Ohio	3
South Carolina	1
Texas	12
Virginia	4
West Virginia	3
Wisconsin	1
Austria	1
Brazil	2
Chile	1
Cuba	1
France	1
Korea	1
Mexico	2
Turkey	1

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SUMMARY

	MEN	WOMEN	TOTAL
Senior Class	63	59	122
Junior Class	51	69	120
Sophomore Class	108	86	194
Freshman Class	128	124	252
	<u>350</u>	<u>338</u>	<u>688</u>
Part-Time Students	10	26	36
In-Service Students	6	24	30
Students in the Summer Session	89	98	187

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