CAUTION: The course offerings and requirements of the University are continually under examination and revision. This catalog presents the offerings and requirements in effect at the time of publication, but is no guarantee that they will not be changed or revoked. Current information may be obtained from the following sources:

- Admission Requirements — Director of Admissions
- Course Offerings — Department offering course
- Degree Requirements — Office of the Registrar, faculty adviser, head of major department, College Advising Center, or dean of college/school
- Fees and Tuition — Office of the treasurer
Student Academic Calendar
for 1975-1976

Summer Quarter 1975

June 16-17 Registration, First or Both Terms
June 18 Classes Begin
July 4 Independence Day Holiday (no classes)
July 7 Drop Deadline, First Term
July 18 Classes End, First Term
July 21 Registration, Second Term
July 22 Classes Begin, Second Term
July 22 Drop Deadline, 12-Week Term
August 8 Drop Deadline, Second Term
August 21 Classes End
August 23 Commencement

Winter Quarter 1976

January 5 Orientation (Transfer & Freshman)
January 5-6 Registration
January 7 Classes Begin
February 10 Drop Deadline
March 16 Classes End
March 19 Commencement

Spring Quarter 1976

March 25 Orientation (Transfer & Freshman)
March 25-26 Registration
March 29 Classes Begin
April 16-17 Easter (no classes)
May 3 Drop Deadline
June 8 Classes End
June 11 Commencement

Fall Quarter 1975

September 19 Orientation (Transfer Students)
September 22 Orientation (Freshman Students)
September 22-23 Upperclassman & Graduate Registration
September 23-24 Freshman and Transfer Registration
September 25 Classes Begin
October 29 Drop Deadline
October 31 East Tenn. Educ. Assoc. (no classes)
November 8 Homecoming (no classes)
November 27-29 Thanksgiving (no classes)
December 9 Classes End
December 12 Commencement

Summer Quarter 1976

June 21 Orientation (Transfer & Freshman)
June 21-22 Registration, First or Both Terms
June 23 Classes Begin
July 5 Independence Day Holiday (no classes)
July 9 Drop Deadline, First Term
July 21 Classes End, First Term
July 22 Registration, Second Term
July 23 Classes Begin, Second Term
July 27 Drop Deadline, 12-Weeks Courses
August 9 Drop Deadline, Second Term
August 19 Classes End
August 23 Commencement
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## THE UNIVERSITY OF TENNESSEE BOARD OF TRUSTEES

Legal Title: The University of Tennessee  
His Excellency, The Governor of Tennessee  
The Commissioner of Education  
The Commissioner of Agriculture  
The President of the University  
The Executive Director, Tennessee Higher Education Commission  

### From Congressional Districts

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<tr>
<th>Name</th>
<th>District</th>
<th>Began</th>
<th>Term Expires</th>
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<tbody>
<tr>
<td>Howard N. Westhaver, Morristown</td>
<td>First</td>
<td>1973</td>
<td>July 1, 1975</td>
</tr>
<tr>
<td>E. S. Bevins, Jr., Concord</td>
<td>Second</td>
<td>1971</td>
<td>July 1, 1977</td>
</tr>
<tr>
<td>Leonard Raulston, Lookout Mountain</td>
<td>Third</td>
<td>1957</td>
<td>July 1, 1979</td>
</tr>
<tr>
<td>William E. Miller, Cookeville</td>
<td>Fourth</td>
<td>1959</td>
<td>June 1, 1978</td>
</tr>
<tr>
<td>Robert A. McDowell, Nashville</td>
<td>Fifth</td>
<td>1973</td>
<td>June 1, 1982</td>
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<tr>
<td>Clyde M. York, Columbia</td>
<td>Sixth</td>
<td>1953</td>
<td>July 1, 1981</td>
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<tr>
<td>Ben Douglass, Lexington</td>
<td>Seventh</td>
<td>1951</td>
<td>July 1, 1979</td>
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<tr>
<td>Tom Elam, Union City</td>
<td>Eighth</td>
<td>1956</td>
<td>July 1, 1977</td>
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<tr>
<td>Frank R. Ahlgren, Memphis</td>
<td>Ninth</td>
<td>1948</td>
<td>July 1, 1975</td>
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### From Anderson, Bedford, Coffee, Franklin, Lincoln, Moore, and Warren Counties

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don O. Shadow</td>
<td>1970</td>
<td>June 1, 1979</td>
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### From Hamilton County

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
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<tbody>
<tr>
<td>Paul J. Kinser</td>
<td>1969</td>
<td>June 1, 1978</td>
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### From Knox County

<table>
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<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
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<tbody>
<tr>
<td>Ann Baker Furrow</td>
<td>1971</td>
<td>June 1, 1980</td>
</tr>
<tr>
<td>Frank P. Bowyer</td>
<td>1959</td>
<td>June 1, 1980</td>
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</tbody>
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### From Shelby County

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
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<tbody>
<tr>
<td>Harry W. Laughlin</td>
<td>1953</td>
<td>July 1, 1981</td>
</tr>
<tr>
<td>Marcus J. Stewart</td>
<td>1970</td>
<td>July 1, 1981</td>
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### From Weakley County

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
</tr>
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<tbody>
<tr>
<td>Wayne Fisher</td>
<td>1953</td>
<td>July 1, 1981</td>
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### Student Member

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Term Expires</th>
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<tr>
<td>William B. Nolan</td>
<td>1974</td>
<td>July 1, 1975</td>
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### Officers of the Board

- **Governor Ray Bliant, Chairman**  
- **William E. Miller, Vice Chairman**  
- **Edward J. Boiling, President**  
- **Brodie Baynes, Treasurer**  
- **John C. Baugh, Secretary**  
- **Katherine S. Jacobs, Assistant Secretary**
Committees
The President is a member ex-officio of all standing committees.
Executive: York (Chairman), Fisher (Vice Chairman), Bowyer, Laughlin.
Finance and Business: Laughlin (Chairman), Miller (Vice Chairman), Elam, Raulston.
Buildings and Grounds: Fisher (Chairman), Kinser (Vice Chairman), Bevins, Souglass, York.
Academic Affairs: Miller (Chairman), Ahlgren (Vice Chairman), Bowyer, Elam, Fisher, Folger, Furrow, Nolan, Westhaver.
Agriculture: York (Chairman), Douglass (Vice Chairman), Fisher, Laughlin, Shadow, Stewart, Commissioner of Agriculture.
Athletics: Elam (Chairman), Miller (Vice Chairman), Bowyer, Furrow, Raulston, York.
Development, Alumni Affairs, and Public Relations: Bowyer (Chairman), Ahlgren (Vice Chairman), Elam, McDowell, Nolan, Raulston, Stewart, Westhaver, York.
Medical Affairs: Ahlgren (Chairman), Bowyer (Vice Chairman), Bevins, Furrow, Laughlin, McDowell, Stewart.
Student Affairs: Laughlin (Chairman), Furrow (Vice Chairman), Bevins, Fisher, Nolan, Raulston, Shadow, Commissioner of Education.
Urban Affairs and Services: Raulston (Chairman), Stewart (Vice Chairman), Ahlgren, Bevins, Kinser, McDowell, Miller, Westhaver.
Faculty and Staff Affairs: Douglass (Chairman), Shadow (Vice Chairman), Bevins, Bowyer, Folger, Westhaver.

THE UNIVERSITY OF TENNESSEE ADMINISTRATION AND SERVICE
President, Edward J. Boling, B.S., M.S., ED.D.
Executive Vice President, Vice President for Development, and Vice President for Business and Finance, Joseph E. Johnson, A.B., A.M., ED.D.
Vice President for Academic Affairs, John W. Prados, B.S., M.S., PH.D.
Vice President for Agriculture, Webster Pendergrass, B.S.A., M.S., D.P.A.
Vice President for Continuing Education, Charles H. Weaver, B.S., M.S., PH.D.
Vice President for Health Affairs, and Chancellor of the Center for the Health Sciences, T. Albert Farmer, B.S., M.D.
Vice President for Urban and Public Affairs and Acting Chancellor, UT Nashville, Charles E. Smith, B.S., A.M.
General Counsel, and Secretary of Board of Trustees, John C. Baugh, A.B., J.D.
Executive Assistant to the President, Andrew J. Kozar, B.S., A.M., PH.D.
Treasurer, Brodie Baynes, B.S., CPA
Emeriti Administrators:
Emeritus President, Andrew David Holt, A.B., M.S., LL.D., LLITD., SC.D., PH.D.
Emeritus Vice President for Business And Finance, W. Harold Read, B.S., M.B.A., CPA.
Emeritus Vice President for Academic Affairs, Herman E. Spivey, A.B., A.M., PH.D.
Emeritus Vice President for Academic Affairs, Kenneth L. Knickerbocker, A.B., A.M., PH.D.
THE UNIVERSITY OF TENNESSEE, KNOXVILLE

Administrative Officers

Chancellor, Jack E. Reese, A.B., A.M., PH.D.
Executive Assistant to the Chancellor, Sammie S. Puett, B.S., M.S.
Assistant to the Chancellor, Gerald H. Gaither, B.S., A.M., PH.D.
Vice Chancellor for Academic Affairs, Walter R. Herndon, B.S., M.S., PH.D.
Associate Vice Chancellor for Academic Affairs, Hardy Liston, Jr., B.S., M.E.A.
Associate Vice Chancellor for Academic Affairs, Ralph V. Norman, Jr., A.B., B.D., M.A., PH.D.
Vice Chancellor for Business and Finance, Stanford R. Bohne, B.A., M.S.
Vice Chancellor for Graduate Studies and Research, Hilton A. Smith, A.B., A.M., PH.D.
Vice Chancellor for Planning and Administration, Luke Ebersole, A.B., A.M., PH.D.
Assistant Vice Chancellor for Business and Administration, Betsey B. Creekmore, A.B., M.A., M.A.L.S.
Vice Chancellor for Student Affairs, Howard F. Aldmon, B.S., A.M., ED.D.
Assistant Vice Chancellor for Student Affairs, James L. McAuliffe, B.A., M.S.

General Administrative Officers

Athletics, Director, George R. Woodruff, B.S.
Development, Director, J. Barry Brindley, B.A.
Finance, Director, Harold B. Whitehead, B.S., CPA
Graduate Studies, Dean, Margaret N. Perry, B.S., M.S., PH.D.
Physical Plant, Director, C. T. Nunley, B.S., P.E.
Public Relations, Director, John M. Clark, Jr., B.S.
Research, Dean, Dr. Carl O. Thomas, A.B., M.A., PH.D.
Student Affairs:
Admissions and Records, Dean, John J. McDow, B.S., M.S., PH.D.
Auxiliary Enterprises, Director, James L. McAuliffe, B.A., M.S.
International Student and Cultural Affairs, Director, Dixon C. Johnson, B.S., M.A., PH.D.
Student Activities, Director, Philip A. Scheurer, B.A., M.S.
Student Conduct and Orientation, Dean, Charles R. Burchett, B.S., M.A.
Student Counseling Center and Special Services, Director, Richard L. Nash, B.A., M.S., ED.D.
Student Health Service, Administrator, Fred E. Young, Jr., A.B., M.C.

Colleges and Schools

AT KNOXVILLE

Graduate School
Vice Chancellor for Graduate Studies and Research, Hilton A. Smith, A.B., A.M., PH.D.

Institute of Agriculture
Dean of College of Agriculture, O. Glen Hall, B.S., M.S., PH.D.
Dean of College of Veterinary Medicine, Willis W. Armistead, D.V.M., M.S., PH.D.

School of Architecture
Dean, Donald D. Hanson, B.ARCH., M.ARCH.

College of Business Administration
Dean, John B. Ross, B.S., M.B.A., PH.D.

College of Communications
Dean, Donald G. Hileman, B.S., M.S., PH.D.

Division of Continuing Education
Dean, Joseph P. Goddard, B.S., M.S., ED.D.

College of Education
Dean, James D. McComas, B.S., M.S., PH.D.
School of Health, Physical Education, and Recreation, Director, George F. Brady, B.E., A.M., PH.D.

College of Engineering
Dean, and Director of Engineering Experiment Station, Fred N. Peebles, B.S. in CH.E., M.S., PH.D.

College of Home Economics
Dean, Lura M. Odland, B.S., M.S., PH.D., D.Sc.

College of Law
Dean, Kenneth L. Penegar, A.B., J.D., LL.M.

College of Liberal Arts
Dean, Alvin H. Nielsen, A.B., M.S., PH.D.

School of Library and Information Science
Director, Gary R. Purcell, A.B., M.L.S.

School of Nursing
Dean, Sylvia E. Hart, B.S.N., M.S.N., PH.D.

School of Planning
Director, James A. Spencer, A.B., M.C.P.

School of Social Work
Dean, Ben P. Granger, B.A., M.P.A., M.S.S.W., PH.D.

Independent Departments
Air Force Reserve Officers' Training Corps
Professor of Air Science, Stanley C. Beck, B.S., M.S., Colonel, USAF.

Army Reserve Officers' Training Corps
Professor of Military Science, William D. Guinn, Jr., B.S., M.B.A., Colonel, USA

AT OAK RIDGE
Oak Ridge Graduate School of Biomedical Sciences
Director, Daniel Billen, B.S., M.S., PH.D.

AT TULLAHOMA
Space Institute
Dean, Charles H. Weaver, B.S., M.S., PH.D.

Other Educational and Public Service Units
Division of International Education
Director, Dixon C. Johnson, B.S., M.A., PH.D.

Libraries
Director
The University

The University of Tennessee is a multi-campus, multi-purpose system of higher education encompassing all Tennessee. It is the state’s official State University and Federal Land-Grant Institution—frequently called “the capstone of the state’s educational system.” The institution is owned and supported by the people of Tennessee. It also receives some federal support for certain programs sponsored cooperatively by the state and federal governments.

The central administrative staff consists of the president and six vice presidents who have the responsibility of administering the affairs of the statewide educational organization. The five primary campuses are under the direct supervision of chancellors.

In carrying out its unique responsibilities, The University of Tennessee has a statewide mission beyond the scope of any other institution of higher learning in Tennessee. The University seeks to develop human and material resources of the state through three broad programs: instruction, research, and extension and public service.

Instruction

The highest institution in the state’s public education system, the University has the responsibility of providing the young people of Tennessee with the educational opportunities they need to become intellectually prepared for responsible and successful citizenship. Students may specialize in a great number of professional and occupational fields, thus helping to fill the state’s needs for trained personnel in medicine, business, law, agriculture, industry, and other vocations essential to the welfare and progress of the citizens of Tennessee.

Programs Of Study

In student enrollments and the scope of its academic programs, The University of Tennessee ranks among the larger institutions of higher education in the United States. In the fall of 1974, a total of 45,440 students enrolled on the five campuses of The University of Tennessee System. This total included 28,011 enrolled at Knoxville and Centers, 2,978 at the Center for the Health Sciences (Memphis), 4,978 at Martin, 5,034 at Chattanooga, and 4,998 at Nashville.

To serve the academic needs of all of these students, the University system offers 165 degree programs at the bachelor’s level, 148 at the master’s level, and 65 at the doctoral level. The degree programs offered by colleges and schools of the UT, Knoxville campus are described in this catalog. Degree programs offered by the Center for the Health Sciences (at Memphis) and at Martin, Chattanooga, and Nashville are described in special catalogs issued from those campuses.

The various colleges, departments, and administrative offices of the University hold membership in more than 60 regional and national education associations. The University as a whole is fully accredited by the Southern Association of Colleges and Schools. Individual colleges and departments are accredited by appropriate professional accrediting agencies.

Colleges and Schools

The University’s academic programs consist of twenty-three colleges and schools which offer studies on five primary campuses at Knoxville, Memphis, Martin, Chattanooga, and Nashville. The Knoxville campus also offers programs at Oak Ridge, Tullahoma, Memphis, and Kingsport. These colleges and schools and other academic units are as follows:

**UT, KNOXVILLE**
- Graduate School (offering programs leading to the master’s or the doctor’s degree)
- College of Agriculture
- School of Architecture
- College of Business Administration
- College of Communications
- Division of Continuing Education
- College of Education
- School of Health, Physical Education, and Recreation

**College of Engineering**
- College of Home Economics
- College of Law
- College of Liberal Arts
- Graduate School of Library and Information Science
- School of Nursing
- Graduate School of Planning
- Graduate School of Social Work

**At Oak Ridge**
- Oak Ridge Graduate School of Biomedical Sciences
- Oak Ridge Evening School
- Oak Ridge Resident Graduate Program

**At Tullahoma**
- Space Institute

**At Memphis**
- Joint University Center—MSU/UT

**At Kingsport**
- Graduate Center

**At Chattanooga**
- Graduate Engineering Center

**UT CENTER FOR THE HEALTH SCIENCES**

**At Memphis**
- College of Basic Medical Sciences
- College of Community and Allied Health Professions
- College of Dentistry
- College of Medicine
- College of Nursing
- College of Pharmacy
- Graduate School—Medical Sciences
- Other academic units associated with the Center for the Health Sciences

**At Knoxville**
- UT Memorial Research Center and Hospital
- Clinical Education Center
THE STATE IS THE CAMPUS OF THE UNIVERSITY OF TENNESSEE

LEGEND

- Academic Campuses
- Agricultural Extension Service District Offices
- Extension Leaders and Agents
- Agricultural Experiment Stations
- 4-H Centers
- Institute for Public Service Regional Offices

UT AT MARTIN

School of Agriculture
School of Business Administration
School of Education
Department of Engineering and Engineer-Technology
School of Home Economics
School of Liberal Arts
Department of Military Science
Department of Nursing

UT AT CHATTANOOGA

College of Arts and Sciences
College of Professional Studies
Engineering Division
Graduate Division

UT AT NASHVILLE

Undergraduate degrees offered in arts and sciences, business administration, education, engineering, and nursing; graduate degrees offered in business administration; graduate studies offered, in conjunction with the Knoxville campus, in engineering and public administration. All programs except nursing offered primarily in evenings.

Faculty

A highly competent faculty is the most essential quality of a strong institution of higher education. The University of Tennessee has a distinguished group of faculty members, nationally recognized for scholastic and professional achievements.

The educational policies of the institution are established by the Faculty. It determines the entrance requirements for students, prescribes and defines courses of study, establishes the requirements for degrees, determines rules for the academic guidance of students, and recommends to the Administration the candidates for degrees who have completed prescribed courses of study.

The Faculty elects a representative body called the Senate, which transacts most of its business. The Senate holds those powers and duties delegated to it by the Trustees and by the Faculty of the University.

Extracurricular Opportunities

In addition to a broad scope of specialized studies, the University offers numerous extracurricular opportunities that contribute to educational development. Students may take part in religious activities, social and cultural programs, and recreational and avocational activities. More than a hundred different extracurricular organizations and activities are maintained on the University's Knoxville campus.

Research

As Tennessee's most comprehensive institution of higher education, the University has the skilled personnel, the laboratories and libraries needed for its role as the state's official research center. University research is conducted to attack problems confronting the people of Tennessee, and to discover new knowledge leading to greater development of human and material resources. All groups within the state—farmers, industrialists, medical personnel, businessmen, and others—look to the University for developments such as increased yields of crops, improved industrial processes, new medicines to combat illness, and similar advancement in all fields of endeavor.

Research Organizations

The University's research is strengthened by a number of special organizations, within the colleges and schools, which sponsor and coordinate studies and experimentation in broad areas of investigation. These are:

Agricultural Experiment Station (with research units at Knoxville, Oak Ridge, and Martin; six branch stations at Crossville, Greeneville, Jackson, Lewisburg, Springfield, and Spring Hill; and five field stations at Grand Junction, Wartburg, Chattanooga, Tullahoma, and Milan.)

Bureau of Educational Research and Service

Engineering Experiment Station

Center for Business and Economic Research

Bureau of Public Administration

Memorial Research Center and Hospital

at Knoxville

Center for the Health Sciences at Memphis—all divisions have organized research programs.

Water Resources Research Center

The Graduate School—embraces almost all departments in all colleges, is founded upon research; graduate students are required to do research as part of their study programs.

The University
Extension and Public Service

The University's teaching programs and research findings extend beyond the limits of the campus to reach people in every community and county in Tennessee. Extension and public service programs are part of the work of every University department, and the institution has three large divisions: Extension, Education, and Agriculture. Agents to assist farmers and homemakers are stationed in every county. The central office is located at Knoxville, along with offices in Nashville, Memphis, and several smaller locations.

Division of Continuing Education, which serves in non-agricultural areas of education. The Division's program includes Teaching Materials Center, Radio and Television Services, Conferences and Institutes, Correspondence Instruction, Class Instruction, Library Services, and the Head Start Regional Training Office. Extension centers are located at Knoxville, Memphis, Nashville, Oak Ridge, and Kingsport.

Institute for Public Service, which provides a system-wide focal point for the University's programs in the fields of industry, government, and urban development. Units of the Institute are the Municipal Technical Advisory Service, the County Technical Assistance Office, the Center for Government Training, the Center for Industrial Services, the Civil Defense Education Program, the Technical Assistance Center, and the State Agency for Title I, Head Start.

In addition, the Institute jointly supports with UT Knoxville two specialized research and service units, the Environment Center and the Transportation Center.

Physical Facilities of the University

The University of Tennessee's physical plant—its land, buildings, and equipment—has a book value in excess of $327,764,000. A total of 157 major buildings, 38,846 acres of land, more than $55,757,000 worth of equipment, about $4,297,000 worth of books, and a number of small buildings and miscellaneous items constitute the physical plant.

The Knoxville campus is valued at approximately $145,379,000 and the Memorial Research Center and Hospital at $165,504,000. Facilities of the Center for the Health Sciences at Memphis are valued at approximately $32,501,000, the Martin campus, $31,649,000, the Chattanooga campus, $25,553,000, and the Nashville campus, $6,901,000. Facilities at the Tullahoma Space Institute are valued at $3,196,000. Experimental farms, livestock, and other facilities throughout the state have a value of $6,293,000.

Buildings on the main campus and agricultural campus at Knoxville are shown on the map printed in this catalog. A map of the state showing locations of the University's academic campuses and other physical facilities is located below. Maps or aerial photographs showing buildings on the Center for the Health Sciences campus at Memphis and the Martin and Chattanooga campuses are printed in the catalog issued by those units of the University.

Historical Background

The University of Tennessee traces its origin back to the days when George Washington was President of the United States, back to the days even before Tennessee became a state. In 1794, two years before statehood was achieved, the Legislature of the Federal Territory which later became Tennessee granted a charter to Blount College, the earliest predecessor of the University at Knoxville. Blount College was named in honor of William Blount, Governor of the Territory, and was located near the center of Knoxville's present business district.

With its founding as Blount College, the University is listed as one of the older institutions of higher education in the nation. Blount College also had other unusual qualities. It was strictly nonsectarian in character, which was unique among institutions of higher education in that day. The institution has remained non denominational to the present time and is said to be the oldest such institution west of the Appalachian Divide. Moreover, Blount College for a few years admitted women as students, thus becoming the first coeducational college in the United States, though it is probable these first coeds studied in a sub-collegiate department. The institution later restricted enrollment to men, but reverted to its present co-educational status in 1892.

In 1807 the institution began to widen the scope of its service area. During that year the State Legislature changed the institution's name to "East College" and made it the recipient of one-half of the proceeds of the sale of land set aside by Congress for the support of two colleges, one in East and the other in Middle Tennessee. In 1826 the present site at Knoxville, the 40-acre tract known as "The Hill," was acquired by East Tennessee College.

In 1840 the State Legislature changed the institution's name to "East Tennessee University." The Civil War forced the institution to close for a period; its buildings were used as a hospital for Confederate troops and were later occupied by Union troops. After the war East Tennessee University opened again, and from that time to the present the institution has enjoyed its most significant advances.

In 1869 East Tennessee University was selected by the State Legislature as Tennessee's Federal Land-Grant Institution, under terms of the Morrill Act passed by Congress in 1862. This selection meant the establishment of an Agricultural and Mechanical College as part of the University, supported by an endowment resulting from the sale of land warrants received by Tennessee from the Federal Government. Thus the efforts of the institution to broaden its offerings from a college to a true university were given a tremendous boost.

Ten years later, in 1879, East Tennessee University was chosen by the State Legislature as Tennessee's State University, and its name was changed to "The University of Tennessee." By this act the University became pledged to the service and interest of the entire state, the head and an integral part of the public education system. By this act the state pledged to the University its own name and reputation and promised the institution a future in keeping with the prestige of the state.

Since its establishment, the University has grown into an institution consisting of twenty-three different colleges and schools, and it has become statewide in its physical location as well as its services. The Center for the Health Sciences, founded in Nashville and taken over by the University in 1879, was moved to Memphis in 1911. The Martin campus was established in 1907 as a separate institution, Hall-Moody Junior College, and it became a part of The University of Tennessee in 1927. The School of Social Work at Nashville became part of the University in 1951. A fourth primary campus was established at Chattanooga in 1969 with the merger of the University with the University of Chattanooga. In 1971 the University's Nashville Center, established in 1947, was made the fifth primary campus. Down through the years Agricultural Experiment Stations were established at Jackson, Spring Hill (Columbia), Springfield, Lewisburg, Crossville, Wartburg, Oak Ridge, Greeneville, and Grand Junction. The system Division of Continuing Education coordinates all continuing education programs offered by the five primary campuses, and the Division of Continuing Education, Knoxville, conducts evening classes, conferences, and institutes in the Knoxville campus. The Agricultural Extension Service has district offices at Jackson, Nashville, Cookeville, Chattanooga, and Knoxville and has agricultural extension leaders and agents in every one of Tennessee's ninety-five counties.

In 1968 the Board of Trustees reorganized the institution into a university system, giving a central administrative staff responsibility for the entire statewide functions of the University and establishing chancellors on the primary campuses, responsible for their respective campuses.

State Legislatures and Governors of Tennessee, particularly those of the past half century, have shown an active interest in the development of The University of Tennessee. As a result, the University has been able to broaden and strengthen its programs to meet the educational and research needs of the people of Tennessee and has become one of the leading institutions of higher education in the nation—an institution with international prestige.
Academic Policies and Costs

*Any and all course offerings, academic requirements, and other information contained in this publication are subject to change and/or revocation without notice. See page 2 for sources of current information.

Admission to the University of Tennessee, Knoxville

Applications, credentials, and inquiries should be directed as follows:

For admission to all undergraduate programs, including the University Evening School:

Director of Admissions
The University of Tennessee
Knoxville, Tennessee 37916
(615) 974-2184

For re-admission of former undergraduate students:

Director of Readmissions
The University of Tennessee
Knoxville, Tennessee 37916

For admission to the College of Law (see College of Law Bulletin for information on admission to the College of Law):

Dean, College of Law
The University of Tennessee
Knoxville, Tennessee 37916

For admission to the Graduate School (see Graduate School Catalog for information on admission to the Graduate School):

Graduate School
The University of Tennessee
Knoxville, Tennessee 37916
(615) 974-3251

For admission to the Colleges of Basic Medical Sciences, Dentistry, Medicine, Nursing (except Knoxville School of Nursing), and Pharmacy and programs in the allied health professions, administered by The University of Tennessee Center for the Health Sciences in Memphis (see Health Sciences Catalog for information on admission to these colleges):

Director of Admissions
The University of Tennessee
Center for the Health Sciences
62 South Dunlap
Memphis, Tennessee 38103

Deadlines

Applications for undergraduate admission and all supporting credentials must be received by the Director of Admissions no later than August 1 for Fall Quarter admission, and no later than three weeks before the start of classes for admission to any other quarter.

Former students who have been dropped from the University for academic deficiency or disciplinary reasons must apply for readmission to the Director of Readmissions no later than six weeks before the start of classes of the quarter the student wishes to enter.

Undergraduate Admissions Requirements

Applicants for undergraduate admission to the University must meet the following:

1. general requirements as indicated below;
2. requirements for the applicant’s specific admissions category as shown in Table I, and
3. requirements of the academic college or school the applicant seeks to enter as shown in Table II.

ACADEMIC CREDENTIALS

Freshman Applicants—Transcript of high school credits and score report of the American College Testing Program (ACT). These should be received at the University preferably in the fall of the senior year; a supplementary high school credit sheet of final senior grades should be sent after graduation.

Transfer Applicants—Complete transcripts of all college work at each college or university attended.

EVIDENCE OF GOOD CHARACTER

Freshman Applicants—Recommendation of high school principal.

Transfer Applicants—Character report from college student personnel officer(s).

Residency

Students are classified as in-state or out-of-state for the purpose of determining fees and tuition on the basis of regulations established by the Board of Trustees. Basically, these regulations state that: (1) students receiving support from their parents are residents of the same state as their parents, and (2) students independent of parental support may establish Tennessee residency for fee purposes by living in Tennessee for at least a year before applying for admission to the University and by proving, to the University’s satisfaction, that they came to Tennessee for reasons other than obtaining an education for themselves or their spouses.

A student’s residency classification for fee purposes also determines whether the student will be considered under in-state or out-of-state admissions requirements.

Children of alumni and scholarship recipients are admitted under the same requirements as in-state students, even though they may be required to pay out-of-state tuition. Inquiries concerning residency should be addressed to the Director of Admissions.

Admission to the University’s professional programs (health professions [see p. 155], law, etc.) is becoming increasingly restricted to Tennessee residents. An out-of-state student completing a pre-professional program at The University of Tennessee, Knoxville does not gain preferential priority in admission to a professional program.

High School Subjects That May Be Offered

Group A

<table>
<thead>
<tr>
<th>MAXIMUM UNITS</th>
<th>MAXIMUM UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra</td>
<td>2.5</td>
</tr>
<tr>
<td>Art</td>
<td>3</td>
</tr>
</tbody>
</table>

*ACT tests are administered five times each year, in October, December, February, April, and July. Scores reports must be sent directly from ACT to the University. Information concerning ACT may be obtained from high school guidance counselors or by writing American College Testing Programs, P. O. Box 168, Iowa City, Iowa 52240.

Units—Entrance requirements are stated in terms of units. A unit represents nine months of study in a subject in secondary school, constituting approximately a quarter of a full year’s work. A four-year secondary school curriculum should be regarded as representing sixteen units of work as a minimum.

Unit Requirements—For admission sixteen units, with high school graduation, are required as specified on the following pages. Graduates of Tennessee high schools must present one unit in American history or take a comparable course during the first year in college, with college credit.

Unit Requirements for Individual Programs

A number of programs offered by the University require specific high school units for admission beyond the general University admissions requirements. These are shown in Table II.

Special Requirements for Unclassified Students. Students who meet University admissions requirements but do not meet the specific unit requirements of the program they seek to enter may be admitted as unclassified students. They will be assigned special advisers in the college they plan to enter. Students so admitted should remove entrance deficiencies as soon as possible, and in no event later than one year following enrollment. Students who have not removed entrance deficiencies by the start of their third year in college will not be allowed to continue at the University.

Special Requirements for International Students

In making application for admission to undergraduate study, each international student will be required to provide the following:

1. A completed application for undergraduate admission;
2. Authenticated copies of all academic records. These records should describe the courses of instruction in terms of years spent in school and types of subject matter covered, with grades earned in each subject;
# Table 1

**Admissions Requirements for Specific Categories**

<table>
<thead>
<tr>
<th>Admissions Category</th>
<th>Admissions Requirements*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRESHMAN</strong></td>
<td></td>
</tr>
<tr>
<td>In-State</td>
<td>Graduation from an approved high school; completion of all high school units required for the program student seeks to enter, as specified in Table II; applicants not having a high school grade point average of at least 2.25 nor an ACT composite score of at least 17 will be assigned a special adviser. ACT score report is required for counseling and advisement.</td>
</tr>
<tr>
<td>Out-of-State</td>
<td>Same as for in-state freshmen except that applicants from states in the region served by the Southern Association of Colleges and Schools, and from Arkansas, must have minimum high school grade point average at least 2.25 and ACT composite score at least 18; applicants from other states must have high school grade point average at least 2.25 and ACT composite score at least 20.</td>
</tr>
<tr>
<td><strong>FRESHMAN—GED</strong></td>
<td>At least 18 years old; average standard score of at least 50 on the high school level General Educational Development Tests; applicant's high school class must have graduated; completion of high school units required for the program student seeks to enter, as specified in Table II.</td>
</tr>
<tr>
<td><strong>FRESHMAN—EARLY ADMISSION</strong></td>
<td>Completion of junior year in high school; completion of high school units required for the program student seeks to enter; high school grade point average at least 3.50 and ACT scores at or above the 95th percentile for University of Tennessee freshmen; nomination by the student's high school principal and consent of parents; review and approval by the Director of Admissions.</td>
</tr>
<tr>
<td><strong>TRANSFER</strong></td>
<td></td>
</tr>
<tr>
<td>In-State</td>
<td>At least 12 hours of college credit work at an accredited institution of higher learning; honorable dismissal from all such institutions attended; grade point average on all college work attempted at least the minimum that the University of Tennessee requires of its own students for readmission (see Undergraduate Academic Continuation, page 20 of this catalog).*</td>
</tr>
<tr>
<td>Out-of-State</td>
<td>Same as for in-state transfer applicants except that grade point average on all college work must be at least 2.00 to be eligible for consideration. Eligible students will be screened by the Committee on Admissions for final decision.</td>
</tr>
<tr>
<td><strong>SPECIAL STUDENT</strong></td>
<td>Applicant's high school class must have graduated; may not be candidate for bachelor's degree; must show satisfactory evidence of preparation for courses attempted. Special students may accumulate no more than 90 hours of college credit toward a degree (including any previous college work). To enroll in a degree program, a special student must meet transfer admissions requirements. Former University of Tennessee students may not be admitted as special students unless they have already earned a bachelor's degree.</td>
</tr>
</tbody>
</table>

*Grade point averages are expressed on a 4.00 scale.

*Transfer applicants planning to enter the School of Architecture or the College of Communications must have college grade point average of at least 2.00. Transfer applicants who have attempted at least 36 quarter hours of college work must have grade point averages of at least 2.00 for admission to the College of Education, the College of Business Administration or the College of Home Economics.
# Table II

## High School Units Required for Admission to Specific Programs

<table>
<thead>
<tr>
<th>College/Degree Sought</th>
<th>English</th>
<th>One Foreign Language</th>
<th>Algebra</th>
<th>Geometry</th>
<th>Advanced Math or Trigonometry</th>
<th>Science or Humanities</th>
<th>Minimum Group A Units</th>
<th>Total Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLLEGE OF AGRICULTURE Bachelor of Science in Agriculture</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>11</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Bachelor of Science in Forestry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Bachelor of Science in Agricultural Engineering</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>.5</td>
<td>11</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>SCHOOL OF ARCHITECTURE Bachelor of Architecture</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>.5</td>
<td>4.5</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF BUSINESS ADMINISTRATION Bachelor of Science in Business Administration</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td></td>
<td>12</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF COMMUNICATIONS Bachelor of Science in Communications</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td></td>
<td>12</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF EDUCATION Bachelor of Science in Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF ENGINEERING Bachelor of Science in Engineering</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>.5</td>
<td>12</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF HOME ECONOMICS Bachelor of Science in Home Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>COLLEGE OF LIBERAL ARTS Bachelor of Arts, general and pre-professional curricula</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Bachelor of Fine Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Bachelor of Music</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Two-year pre-dentistry, pre-medical technology, and pre-physical therapy programs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Bachelor of Science in Chemistry</td>
<td>3</td>
<td>2</td>
<td>1.5</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Two-year pre-pharmacy program</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Two-year pre-nursing program</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>SCHOOL OF NURSING (Knoxville) Bachelor of Science in Nursing</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td></td>
<td>13</td>
<td>16</td>
<td>3</td>
<td>16</td>
</tr>
</tbody>
</table>

**Remarks**

- A second unit of algebra may be offered in lieu of geometry.
- These units allow admission to first-year pre-architectural program. Admission to the second year requires: (1) satisfactory completion of pre-architectural program with grade point average at least 2.0, (2) a personal interview and evaluation of applicant's work by a member of the School of Architecture, (3) application to the School of Architecture no later than June 15 preceding the start of the second year.
- A unit of advanced mathematics or trigonometry may be offered in lieu of the second unit of algebra or the unit of geometry.
- Three units of science, including physics, are recommended.
- A second unit of algebra may be offered in lieu of geometry. See College of Liberal Arts Section, page 153, for discussion of language requirements.
- A second unit of algebra may be offered in lieu of geometry; a unit of history or social science is required.
- A second unit of algebra may be offered in lieu of geometry. One unit of chemistry is recommended.
3. All international students whose native language is not English must present their scores on the Test of English as a Foreign Language (TOEFL). Test results should be sent by Educational Testing Service to the Director of Admissions. Final consideration cannot be granted until test results are received by the Director of Admissions.

NOTE: All international students whose native language is not English must also take an English Proficiency Examination after they arrive at the University. Students will be placed in appropriate English courses based on the results of this examination.

Advanced Standing by Examination

Students at The University of Tennessee, Knoxville may accelerate their programs through credit by examination. To receive such credit, a student must be regularly enrolled at the Knoxville campus.

ADVANCED PLACEMENT EXAMINATIONS

Students who satisfactorily pass Advanced Placement Examinations prepared and administered under the auspices of the College Entrance Examination Board are eligible to receive credit in courses offered by the College of Liberal Arts on the basis of such tests. In each case the final decision as to whether or not credit is to be given on this basis rests with the appropriate department, as does the determination of the number of credit hours and the specific courses for which such examinations are to be taken as evidence of acceptable proficiency. Participating departments are Botany, Chemistry, Classical Languages, English, German, History, Mathematics, Physics, Romance Languages, and Zoology.

PROFICIENCY EXAMINATIONS

Proficiency examinations for advanced standing are offered in the Colleges of Agriculture, Business Administration, Education, Engineering, Liberal Arts, and Home Economics, and in the School of Nursing (Knoxville). A student may obtain the privilege of taking proficiency examinations on recommendation of the head of the department and approval of the Registrar. See additional discussion on page 21.

Additional Requirements for Registration of Admitted Students

EVIDENCE OF GOOD HEALTH

(1) Physical examination by a licensed physician. (2) Tetanus immunization which is up-to-date, and (3) chest X-ray or tuberculin test. These requirements exist for the protection of all students. They are to be completed and approved by the applicant's doctor on the physical examination form which is sent to admitted students. This form must be returned to the Student Health Service before enrollment.

PARTICIPATION IN ORIENTATION

Beginning freshman and transfer students are required to attend an orientation session prior to their first registration at the University. Schedules for these programs are mailed to admitted students by the Dean of Student Conduct and Orientation. Orientation programs are designed to help new students become acquainted with opportunities and services at the University, and to provide information needed for registration.

Faculty Advising

Once students are admitted, the University accepts certain responsibilities for their guidance and placement in order that they may secure the greatest benefit from their university work.

At registration each student is assigned to a member of the faculty, who acts as the student's adviser. The duties of the adviser are to assist the student in selecting subjects to ensure a well-rounded education, and to aid the Student Counseling Center in interpreting the University's requirements. The responsibility for the selection of courses rests, in the final analysis, upon the student, and it is not the province of the adviser to refuse approval of a course which the student selects. Similarly, it is the full responsibility of all students to meet the requirements of their courses of study in their proper order, so that they may not in the senior year find themselves ineligible for graduation. At the opening of each quarter students are urged to consult their advisers concerning their choice of studies. They are also urged to confer with their advisers frequently during each quarter. Students also have the privilege of consulting with the Dean of their college. All beginning students, and former students whose grade point averages are below 2.0, must obtain adviser approval of their course selections at registration.

The Colleges of Business Administration, Education, and Liberal Arts have established advising centers where students may go at any time for advice on academic matters. The Student Counseling Center, Temple Court, is available to any student desiring help with individual or personal problems. Facilities are also available for improving reading skills and study habits. Students may go to the Center themselves or they may be referred by members of the faculty.

General Academic Regulations

Credit Hours, Grades, and Grade Point Average

The basic unit of credit at The University of Tennessee, Knoxville, is the quarter hour. This normally represents one hour of lecture or recitation or two hours of laboratory work per week. Each course at the University carries a number of quarter hours of credit specified in the course description. At the completion of each course, a student will be assigned a grade reflecting the student's performance in the course. Passing grades normally carry with them a certain number of quality points per quarter hour of credit in the course. A student's grade point average is obtained by dividing the total number of quality points the student has accumulated by the total number of quarter hours the student has attempted, not including hours for which grades of N, NG, P, S, SI, and W have been received.

Undergraduate students are graded on the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Performance Level</th>
<th>Quality Points Per Quarter Hour of Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>0</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

Graduate students taking courses for graduate credit may also receive grades of B+ (3.5 quality points per quarter hour of credit) and C+ (2.5 quality points per quarter hour of credit).

Law Students are graded on a numerical scale from 0.0 to 4.0. Quality points per quarter hour of credit in a given course are equal to the numerical grade received in the course. Grades of 0.5 and below count as failures.

TEMPORARY GRADES

A student receiving a grade of I or SI should arrange with the teacher to take whatever action is needed to remove the grade at the earliest possible date, and in any event, within two years after the course was attempted. A student need not be enrolled at the University to remove a temporary grade.

I (incomplete) is assigned to a student whose work is satisfactory but who has failed to complete a laboratory, shop, or other parallel exercise. The grade of I may also be assigned by any faculty member to students who appear to be deficient in their usage of English in the course, but otherwise passing; the grade of I is removed when the Committee on Student English certifies to the instructor that a student has made the necessary improvements.

SI (incomplete) is assigned when the work is satisfactory but when a portion of the course is not completed. The grade is awarded only in courses where S/NC grading has been elected. The grade of SI for incomplete work will be recorded as an SI, which is not computed in the average.

GRADES THAT DO NOT INFLUENCE GRADE POINT AVERAGE

The grades of N, NG, P, and W carry no quality points, but hours on which these grades are earned are not counted in computing a student's grade point average. Hence these grades have no effect on grade point average.

NC (no credit) indicates lack of progress on an intermediate quarter of a course approved by the Undergraduate Council or Graduate Council to extend beyond one quarter (see P below). At the end of the last quarter of such a course a final grade and the total credit hours will be recorded for the course. The grade of N is also used to indicate lack of progress on a graduate thesis or dissertation.

NG (no grade) indicates failure to complete a course satisfactorily when taken on an S/NC basis.

P (pass) designates a passing grade without further indication of performance level. It may be awarded to students who take courses on a pass-fail or pass-no-grade basis. The grade of P also indicates satisfactory performance on an intermediate quarter of a course approved by the Undergraduate
Council or Graduate Council to extend beyond one quarter, as with the grade of N above. Finally, the grade of P is used to indicate progress on a graduate thesis or dissertation.

S (Satisfactory) is assigned for C or better work when a course is taken on an S/NC grading basis.

SI (Incomplete) is assigned in S/NC graded courses only. See Section 2 for regulations concerning “Incomplete.”

W (withdrawal) is assigned in courses from which a student has officially withdrawn. Regulations concerning withdrawal from courses or from the University appear in the following section of this catalog, entitled “Changes in Registration.”

Satisfactory/No Credit Grading System

The purpose of this system is to encourage the student to venture beyond the limits of those courses in which he usually does well and, motivated by his own intellectual curiosity, explore subject matter in which performance may be somewhat less outstanding than work in preferred subject fields. To this end a Satisfactory/No Credit (S/NC) system of grading has been developed for undergraduate courses (1000, 2000, 3000, and 4000 level courses). Neither grade is counted in a student’s grade point average but, like all other grades, is entered on the permanent record. S is given for C or better work on the traditional grading scale and NC is given for less than C work. The student only receives credit in the course if an S is received.

A student may take as much as eight hours of S/NC grading in any one quarter (excluding courses offered only for S/NC grades). A student may not repeat a course for S/NC if the student received a conventional grade (A, B, C, D, or F) or I.

The instructor of a conventionally graded course will not be informed which student, if any, has elected S/NC grading. If the student elects nonconventional grading, the computer converts an A or B to an S and a C or D to an S and a D or F to NC. The grade of I for incomplete work will be recorded as an SI, which will not be computed in the average. A student is permitted to change the system of grading in a course through the add deadline. The grade W will be applied in the same manner for either a regular grading system or S/NC grading. The changing of an S/NC grade to a regular letter grade or vice versa is not permitted unless a bona fide error is determined by the Registrar.

Repeating Courses

When a course is repeated the last grade only is counted in computing the grade point average. All grades are entered on the permanent record. A student may not repeat a course more than twice in order to obtain a better grade.

Graduating Senior Privileges

A senior who fails one subject during the quarter of intended graduation has the privilege of standing an examination in that subject at the beginning of or during the next quarter, and, if successful, receiving the degree at the next commencement.

A senior who receives the grade of I in any subject will on request to the instructor, be given the opportunity to remove the deficiency before the close of the quarter, but not later than the last day before commencement, provided that successfully passing these courses will make him/her eligible for graduation.

English Proficiency

Students are expected to maintain a satisfactory standard of oral and written English throughout their college programs. Any student may be reported by a member of the faculty for examination in English, and, if found deficient by the Committee on Student English, be required to take without credit such further work as the Committee may direct. To facilitate the reporting of students deficient in English, faculty members may simply check the column headed “English” on the quarterly grade sheets. A student checked by any faculty member will be required to remedy the deficiency through work in the Writing Laboratory. Remedial work in the laboratory shall be assigned at the earliest possible time after the student has been notified of his deficiency and shall continue until the student’s performance in English has been declared satisfactory by the laboratory instructor, or both.

Changes in Registration

Mid-Term is an announced date midway between the beginning and ending days of classes each quarter or session (35 calendar days after the beginning of classes, except for summer sessions). Prior to Mid-Term, undergraduate students may withdraw from courses as specified below. Providing space is available and prior to the third meeting of the class, students may add courses without the permission of the head of the department offering the course or the instructor whose section the student wishes to enter. Students may not add courses after the second meeting of a class without permission of the instructor of the course and the dean of the college in which the student is enrolled. All change of sections must be approved by the department head or the instructor of the class the student wishes to enter.

All official withdrawals from the University are made through the Office of Special Services. It is important that all students who leave the University prior to the completion of a quarter report their withdrawal to this office.

Withdrawing from University before Mid-Term (35 calendar days). If an undergraduate student officially withdraws from the University before Mid-Term (for summer quarter drop deadlines, see summer quarter timetable), the grade of W will be recorded in all courses in which the student is currently enrolled. In cases of withdrawal prior to Mid-Term, the Office of Special Services will verify the date of withdrawal to the Registrar, who will then inform the instructors that the grade in those courses is automatically W.

Graduate students should consult the Graduate School Catalog for regulations concerning withdrawal from the University.

Dropping Courses Before Mid-Term (35 calendar days). A course may be dropped with a W (withdrawal) before Mid-Term (for summer quarter drop deadlines, see summer quarter timetable). A drop form must be executed by the student and submitted to the Registrar. Prior to Mid-Term neither the instructor’s nor the advisor’s permission is required. A course dropped during the first five class days in any quarter will not appear on the student’s permanent record.

Graduate students should consult the Graduate School Catalog for regulations concerning the dropping of courses.

Dropping Courses or Withdrawing from the University after Mid-Term (35 calendar days). An undergraduate student withdrawing from a course, or from the University, after Mid-Term will receive the grade of “F” unless it can be clearly demonstrated that one of the following conditions exists:

a. illness or injury of the student as verified by the student’s health service or private physician.

b. serious personal or family problems as verified by the student’s parents, minister, physician, etc.;

c. necessary change in work schedule as verified by the student’s employer;

d. change of major or change of department which the student wishes to continue would not normally be used in satisfying degree requirements. Acceptance of the student into the new program should be verified by the dean of the college administering the program.

e. financial inability to continue at the University, or;

f. call to active military service.

A student will not be permitted to drop a course after mid-term simply to avoid a poor grade.

A student wishing to withdraw from a course, or from the University after the withdrawal deadline, must present a request, together with evidence of extenuating circumstances, to the Office of Special Services. If the request is approved, this office will notify the Registrar, who will enter the grade(s) of “W” on the student’s permanent record.

Graduate students should consult the Graduate School Catalog for regulations concerning the dropping of courses and withdrawal from the University.

Course Numbers and Levels

Each course offered by the University is identified by the name of the department offering the course and a four-digit course number. These numbers indicate course level, as follows.

Course Numbers

0000-0999 Non-credit; preparatory

1000-2999 Lower division—primarily for freshmen and sophomores

3000-4999 Upper division—primarily for juniors and seniors; usually available for graduate credit; when taken for graduate credit, the letter "U" will precede the course credit hours on the grade report.

5000-5999 Graduate; sometimes available for undergraduate credit; when taken for graduate credit, the letter "G" will precede the course credit hours on the grade report.

6000-6999 Advanced graduate; open to graduate students only.

8000-8999 Open to the occasionally open to other qualified students.
To be eligible for upper-division work a student must have attained junior (third-year) status, as defined in the following section, unless approval is granted by the dean of the student's college. This rule applies to transfers, as well as those who have previously attended the University. A cumulative grade point average of at least 2.0 is required to begin upper-division work.

Classification

Undergraduate and law students are classified according to the chart above, on the basis of quarter hours passed. To be considered as a full time undergraduate student in any quarter, a student must be enrolled in 12 quarter hours. (Audit hours are not considered in this computation.) For the summer quarter, an undergraduate student must be enrolled in 6 quarter hours each six-weeks term to be classified as full time for the term.

Teacher Certification

Teacher certification is a responsibility of the College of Education of The University of Tennessee, Knoxville. Students desiring certification must meet general education, professional education, and area specialization requirements described in the College of Education section of this catalog. In keeping with requirements of the Tennessee Department of Education, programs leading to teacher certification include a nine (9) hour requirement in Health or Physical Education.

Honors Courses

Courses specifically designed as honors courses will be designated "Hon." Individuals selected on the basis of ACT scores and previous academic performance may be enrolled. There is no limit on the number of credits that may be earned in these courses except in the senior readings courses not requiring regular class attendance; these senior readings courses may total not more than nine hours credit toward graduation. (In the fields of science offering four-hour courses the total may be twelve hours.) There is also a non-departmental honors course open to a limited number of freshmen entering in any college.

Auditors

Students registered for credit courses may enter classes as auditors, subject to the approval of the instructor whose class is visited. Auditors are under no obligation of regular attendance, preparation, recitation, or examination. They receive no credit. They may not take part in class discussion or laboratory or field work.

To be eligible for upper-division work a student must have attained junior (third-year) status, as defined in the following section, unless approval is granted by the dean of the student's college. This rule applies to transfers, as well as those who have previously attended the University. A cumulative grade point average of at least 2.0 is required to begin upper-division work.

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Courses specifically designed as honors courses will be designated “Hon.” Individuals selected on the basis of ACT scores and previous academic performance may be enrolled. There is no limit on the number of credits that may be earned in these courses except in the senior readings courses not requiring regular class attendance; these senior readings courses may total not more than nine hours credit toward graduation. (In the fields of science offering four-hour courses the total may be twelve hours.) There is also a non-departmental honors course open to a limited number of freshmen entering in any college.

Auditors

Students registered for credit courses may enter classes as auditors, subject to the approval of the instructor whose class is visited. Auditors are under no obligation of regular attendance, preparation, recitation, or examination. They receive no credit. They may not take part in class discussion or laboratory or field work.

Students not registered for credit courses may be admitted as auditors only with the consent of the Director of Admissions; they are required to register, pay the fees for auditors, and to have class cards for the courses they elect to attend.

Minimum Class Size

An undergraduate course will not be given for fewer than five students except by permission of the Vice Chancellor for Academic Affairs.

Undergraduate Academic Continuation

To be eligible to continue at The University of Tennessee, Knoxville, an undergraduate student must maintain a cumulative grade point average of at least 2.00 for the most recent two years of college work. A student whose grade point average falls below this minimum acceptable level in any quarter will be placed on academic probation for the subsequent quarter. During the probationary quarter the student must attain the minimum acceptable average shown, or a 2.00 average for that quarter, or be dropped from the University.

A student who has attempted over 150 hours will be placed on academic probation requirements only, except when on academic probation. Such students, if on academic probation, must attain a cumulative average of 2.00 or a 2.00 for that quarter, or be dropped from the University.

A student who has been dropped from the University for the first time or who has been absent must make application for readmission. Readmission is not automatic. Application must be made at least six weeks before registration. The Committee on Readmissions may approve or refuse the application for readmission. Students are strongly encouraged to appear in person before the Committee on Readmissions.

A student who has been previously dropped and readmitted will be placed on academic probation. Failure to meet the regular University standards of retention during the probationary quarter or subsequent quarter will result in the student's being dropped from the University and required to remain out of school for at least three quarters before becoming eligible to apply for readmission.

A transfer student who is conditionally admitted and fails to meet the regular University standards during the probationary quarter or subsequent thereto will be dropped from the University and may not make application for readmission for three academic quarters. Freshmen who enter as probationary students and fail to meet the requirements of their probation readmission may not apply for readmission for three academic quarters. Full committee approval is required for further enrollment.

GENERAL POLICIES

A. Any student who attains a quarterly average of 2.00 may continue in residence at the University, even though the cumulative average does not meet the minimum acceptable level above.

B. Summer is considered a regular quarter in determining absence from the University.

C. The quarter hours attempted in determining continuation are used for readmission purposes only. Pass/Fail, Satisfactory/No Credit, and Pass/No Grade hours are included in hours attempted but excluded in determining minimum cumulative grade point average requirements for retention and graduation.

D. Students who transfer to other accredited colleges or universities must submit an acceptable grade point average before gaining regular status at the University.

E. To register for credit or audit courses in any branch, center, or division of the University controlled by the Knoxville campus, a student must meet the admission or readmission regulations that govern courses for credit at the Knoxville campus.

Correspondence courses are open to students regardless of admission or readmission status.

F. A student will not be readmitted when the record indicates a very low probability of success in college work. In its review of an application, a Committee on Readmissions shall consider the applicant's total record, including the academic record and other factors which may be expected to influence academic performance.

G. No student refused by the Committee on Readmissions may be permitted to re-enter the University without the approval of the Committee.

H. There will be no tentative readmissions.

Comment: The University of Tennessee, Knoxville, is committed to helping students overcome academic deficiencies. A letter advising of academic probation will be sent at about the same time as the quarterly grade report. This letter will advise the student to see his/her dean before completing registration for the probationary quarter.

General Requirements for a Bachelor's Degree

To receive a bachelor's degree from The University of Tennessee, Knoxville, a student must complete all of the following requirements:

1. Complete satisfactorily all requirements of the curriculum for which the student is enrolled, as described in the portion of this catalog devoted to the college or school offering the curriculum.

Curricular
requirements change frequently, and students should note the caution on the sequencing in this catalog. A student is allowed to satisfy requirements for a bachelor's degree under any curriculum in effect during the student's attendance at UT, Knoxville. Provided the curriculum has been in effect within ten years of the date of graduation. This does not obligate the University to offer a discontinued course. Other sets of requirements will be available on upon approval of a student's faculty adviser and college dean, in consultation with the Registrar's Office. A student who transfers to UTK subsequent to prior enrollment at a community college, junior college, or another senior institution may elect the UTK catalog in effect at the time of enrollment at the other institution provided that the student enroll at UTK within one year after the last period of study at the institution from which he or she is transferring.

2. Maintain a cumulative grade point average of at least 2.00 on all college work attempted at all institutions attended.

3. Maintain a grade point average of at least 2.00 on all work attempted at The University of Tennessee.

4. Complete the last 90 hours of credit offered for the bachelor's degree at an accredited residence.

5. Complete the last 45 hours of credit offered for the bachelor's degree at an accredited residence.

6. Complete the last 45 hours of credit offered for the bachelor's degree at an accredited residence.

7. Satisfy all financial obligations (fees or fines) owed to the University.

8. Pay to the Treasurer's Office a $10.00 graduation fee no later than the beginning of the quarter the student plans to graduate.

9. File an application for a degree with the Office of the Registrar, Room 209 Student Services Building, no later than six weeks before the date the student plans to graduate.

SECOND BACHELOR'S DEGREE

A student who holds a bachelor's degree may receive a second bachelor's degree from

The University of Tennessee, Knoxville, by satisfying the following requirements.

1. Meet all requirements for both degrees, as specified above.
2. Complete at least forty-five quarter hours beyond the first bachelor's degree.
3. Attend the University for at least three quarters beyond the minimum time required for the first bachelor's degree.

Seniors Eligible for Graduate Credit

A senior at The University of Tennessee, Knoxville, who needs 45 quarter hours or less to complete the requirements for a bachelor's degree, and has at least a 3.00 grade point average, may take sufficient work for graduate credit to fill out a schedule of 15 hours of combined undergraduate and graduate work per quarter, subject to the approval of each quarter of the Vice Chancellor for Graduate Studies and Research.

Correspondence Work

The candidate may offer by correspondence as much as one-fourth of the total hours required for the degree sought and have this work count toward the degree. Credit for undergraduate courses in correspondence work must be limited to one-fourth of the total credit hours required. Credit for correspondence courses is not recognized by the College of Law. Students seeking correspondence credit must be approved by the dean of the College of Arts and Sciences and by the University's Board of Regents. Students taking correspondence courses must be supervised by a faculty member of the University.

Proficiency Examinations

Any student may apply for proficiency examinations in selected undergraduate subjects in the Colleges of Agriculture, Business Administration, Education Engineering, Home Economics, and Liberal Arts, and in the School of Nursing (Knoxville). A student applying for a proficiency examination should present evidence that he or she has developed the abilities and attitudes expected of students who have taken the course involved. The application must be approved by the department offering the course. A fee of $10.00 will be charged per course. A student who passes a proficiency exam is allowed a choice of taking the grade on the exam (A, B, or C) or taking an S as credit in the course. Exception to this is when a proficiency course is graded only on an S/NC basis. By taking an S a student would not affect the grade point average. The maximum credits obtainable through proficiency examinations and the use of proficiency examinations to remove failing grades (also the grade of F) are determined by the department offering the proficiency examination.

When approved by a given department, nationally recognized examinations, such as the appropriate subject examinations of the College Level Examination Program (CLEP) of the College Entrance Examination Board, may be used as proficiency examinations in one or more courses offered by that department. In such cases the final decision as to whether or not credit is to be given on this basis rests with the department awarding credit, as does the determination of the number of credit hours and the specific courses for which such examinations are to be taken as evidence of acceptable proficiency. The University will charge a fee of $5.00 for the evaluation of such an examination.

Honors Categories for Graduation

The diplomas of graduating seniors show honors categories based on the following scale:

- "honors" 3.00 through 3.39
- "high honors" 3.40 through 3.74
- "highest honors" 3.75 through 4.00

These honors categories are based on a student's cumulative average at the end of the quarter preceding the graduation quarter. The honors category is also based on both the average earned at UT, Knoxville and the combined average on all college work attempted, with the lower of the two averages determining the honors category.

Accelerated Program

The University operates on a four-quarter plan, and a majority of its courses, especially at the lower division, are offered every quarter. Through appropriate arrangements of courses and attendance during the summer quarters, students may frequently complete their degree programs in less than four years. A student's faculty adviser should consult with the adviser for assistance in planning an accelerated program.

Personnel Forms

Each candidate for a degree may file personnel material with the Bureau of Personnel Service. The services of the Bureau are available to all candidates for degrees during the year prior to the payment of the graduation fee and thereafter. The payment of the graduation fee is required to all alumni privileges for the two-year period immediately following graduation.

Advanced Military Science and Air Force Aerospace Studies

Students who elect to enroll in the advanced military courses (junior and senior years) are obligated by written agreement
with the government to complete the courses and to accept a commission if tendered.

Degrees

AT KNOXVILLE

Graduate School

Doctor of Business Administration.
Doctor of Education.
Doctor of Philosophy.
Specialist in Education.
Master of Arts.
Master of Business Administration.
Master of Fine Arts.
Master of Mathematics.
Master of Music.
Master of Public Health.
Master of Science.
Master of Science in Library Science.
Master of Science in Planning.
Master of Science in Public Administration.
Master of Science in Social Work.

College of Agriculture

Bachelor of Science in Agriculture.
Bachelor of Science in Agricultural Engineering.
Bachelor of Science in Forestry.
Bachelor of Science in Wildlife and Fisheries Science.
Doctor Veterinary Medicine.

School of Architecture

Bachelor of Architecture.

College of Business Administration

Bachelor of Science in Business Administration.

College of Communications

Bachelor of Science in Communications.

College of Education

Bachelor of Science in Education.

School of Health, Physical Education, and Recreation

Bachelor of Science in Education.

College of Engineering

Bachelor of Science in Aerospace Engineering.
Bachelor of Science in Chemical Engineering.
Bachelor of Science in Civil Engineering.
Bachelor of Science in Electrical Engineering.
Bachelor of Science in Engineering Physics.
Bachelor of Science in Engineering Science.
Bachelor of Science in Industrial Engineering.
Bachelor of Science in Mechanical Engineering.
Bachelor of Science in Metallurgical Engineering.
Bachelor of Science in Nuclear Engineering.

College of Home Economics

Bachelor of Science in Home Economics.

College of Law

Doctor of Jurisprudence.

College of Liberal Arts

Bachelor of Arts.
Bachelor of Fine Arts.
Bachelor of Music.
Bachelor of Science in Chemistry.

School of Nursing

Bachelor of Science in Nursing.

CENTER FOR THE HEALTH SCIENCES

(See CHS Bulletin)

Graduate School—Medical Sciences

Doctor of Philosophy.
Master of Science.

College of Basic Medical Sciences

Master of Science in Medical Technology.
Bachelor of Science in Medical Technology.

College of Medicine

Doctor of Medicine.
Master of Science in General Surgery.
Master of Science in Obstetrics and Gynecology.
Master of Science in Orthopedic Surgery.
Master of Science in Pediatrics.
Master of Science in Urological Surgery.

College of Dentistry

Doctor of Dental Surgery.
Master of Science in Orthodontics.
Master of Science in Pedodontics.

College of Pharmacy

Master of Science in Pharmacy.
Bachelor of Science in Pharmacy.

College of Nursing

Bachelor of Science in Nursing.

School of Physical Therapy

Bachelor of Science in Physical Therapy.

AT CHATTANOOGA

(See Bulletin of UT Chattanooga)

Bachelor of Arts.
Bachelor of Music.
Bachelor of Science.
Bachelor of Science in Engineering.
Bachelor of Science in Nursing.
Master of Business Administration.
Master of Education.
Master of Science.

AT MARTIN

(See Bulletin of UT Martin)

Associate of Arts in Nursing.
Bachelor of Arts.
Bachelor of Science.
Bachelor of Science in Agriculture.
Bachelor of Science in Business Administration.
Bachelor of Science in Law Enforcement.
Bachelor of Science in Natural Resources Management.

AT NASHVILLE

(See Bulletin of UT Nashville)

Associate of Arts in Fire Science Administration.
Associate of Arts in Nursing.
Bachelor of Arts.
Bachelor of Science.
Bachelor of Science in Business Administration.
Bachelor of Science in Education.
Bachelor of Science in General Engineering.
Bachelor of Science in Nursing.
Master of Business Administration.

Fees and Expenses

Maintenance Fee. All students, including both in-state and out-of-state, are required to pay the established maintenance fee.

Tuition. Tuition is free to residents of Tennessee. However, tuition is required of all students who are classified as non-residents for fee assessment purposes.

Classification for Fees. A student's classification is determined primarily by the domicile of his parents. Exceptional cases are given special consideration and are determined on the basis of the particular circumstances in each case. Any student who is classified as an out-of-state student may request that his classification be reconsidered. When additional information concerning a student's classification is available, the student should provide the Office of the Dean of Admissions with this information.

Student Hospitalization and Medical Insurance. The University makes available, by contract with an insurance company, group hospitalization insurance expressly for students. Changes in the group plan may be authorized by the University after annual review depending on prevailing hospital costs in the Knoxville area.

As would be expected with a large student group contract, a low premium cost for the individual student is obtained. Students are urged to avail themselves of this insurance, or other comparably adequate insurance, since the paying for hospital care is the student's own responsibility.

Information about the insurance is mailed by the company to the student's home and his participation is solicited. Enrollment in the insurance program remains open for a designated period after classes begin. The student wishing to avail himself of this insurance after arriving on the campus may
obtain the application from the Office of Student Health Services. Whether application is made from his home or from the campus, the student applies directly with the Knoxville agent of the insurance company. Enrollment in insurance is not a part of registration for classes.

NOTE: Some family policies do not cover the dependent child after his nineteenth birthday. The family hospitalization insurance policy should be reviewed from this aspect.

Military Deposits. All students registering for Air Science and members of the band are required to make a deposit of $35.00 each to cover damage to or loss of property issued to them. The unused portion of the deposits will be returned to the students after completion of training.

Identification Card. ID cards, issued to all students, are prepared during registration of the first quarter a student enrolls in the University and are validated quarterly thereafter. These cards are required for many purposes such as use of library facilities, check cashing facilities in the UT Bookstore, and admission to various athletic, social, and cultural events. These cards are non-transferable and may not be duplicated. IDENTIFICATION CARDS MUST BE CARRIED AT ALL TIMES FOR PURPOSES OF IDENTIFICATION. Lost or stolen cards should be replaced by contacting the Student ID Card Office at Room 342, University Center.

University Fees

University fees are determined by the Board of Trustees and are subject to change without notice. The general fees in effect at the time of publication are as follows:

MAINTENANCE FEE

Undergraduate Students
Graduate and Law Students
Per Quarter $136.00
Per Quarter $146.00
TUITION (additional for all-out-of-state students) Per Quarter $284.00

NOTE: In lieu of the above charge for tuition and/or maintenance fee, part-time students may elect to pay fees computed by the quarter hour credit (or audit) at the rates shown below, total charge not to exceed the regular maintenance fee for in-state students or the maintenance fee plus tuition for out-of-state students.

Undergraduate Students:
In-State $16.00 per quarter hour or fraction thereof; minimum charge $48.00
Out-of-State $35.00 per quarter hour or fraction thereof; minimum charge $105.00

Graduate and Law Students:
In-State $22.00 per quarter hour or fraction thereof; minimum charge $66.00
Out-of-State $48.00 per quarter hour or fraction thereof; minimum charge $144.00

UNIVERSITY PROGRAMS AND SERVICES FEE Per Quarter $15.00
All undergraduate and graduate students

taking in excess of six quarter hours per quarter will be assessed a University Programs and Services Fee of $15.00 per quarter. Part-time students taking six quarter hours or less will be assessed at the rate of $1.00 per quarter hour or fraction thereof (minimum charge $3.00) but are not entitled to admission to general activities programs. This fee is not refundable.

The University Programs and Services Fee for the Summer Quarter will be $12.00. Part-time students taking six quarter hours or less will be assessed at the rate of $1.00 per quarter hour or fraction thereof (minimum charge $3.00) but are not entitled to admission to general activities programs.

Students enrolling exclusively in Evening School or at Oak Ridge and Kingsport Centers will be exempt from the University Programs and Services Fee.

ACTIVITIES CARDS ARE NON-TRANSFERABLE AND MAY NOT BE DUPLICATED

MUSIC FEE:
One half-hour lesson per week, per quarter $20.00
One hour lesson per week, per quarter $40.00
Payable by eligible full-time students receiving individual instruction in music.

GRADUATION FEE:
Bachelor's Degree $10.00
Master's Degree $16.00
Doctoral Degree (except J.D.) $36.00
Payable at the beginning of the quarter in which the candidate is to be graduated. This fee is non-refundable and is valid for four quarters.

DELAYED REGISTRATION SERVICE FEE
Graduated Late Service Fee $2.00 per day
Students (including Law College students) who pre-register and for whom a class schedule (either complete or partial) is available on the regular registration dates must pay their fees (or make satisfactory arrangements with the Treasurer's Office) on these dates. Effective the first regular business day (excluding Saturday, Sunday, and any holidays) following the last regular registration day a graduated late service fee of $2.00 per day will be charged during the next ensuing five regular business days. ($2.00 first day, $4.00 second day, $6.00 third day, $8.00 fourth day, and $10.00 fifth day.)

Students who do not pre-register but register through the "secondary" registration procedures will be granted two additional days after the final regular registration day to pay their fees before the graduated late service fee begins. Such students will be charged the graduated late service fee beginning with the third regular business day following the last regular registration day.

(Minimum charge $8.00 third day, $8.00 fourth day, $10.00 fifth day.)

Additional Late Service Fee $10.00
All students who have not completed registration and paid their appropriate charges (or made satisfactory arrangements with the Treasurer's Office) within five regular business days after the last regular registration day will be charged an additional $10.00 late service fee (total $20.00).

This $10.00 service fee is also applicable to delays in payment occasioned by checks which fail to clear the bank on which drawn, and to room and board charges which are not paid (or satisfactory arrangements made for deferral) within five regular business days after registration or assignment date, whichever is later.

Reinstatement Service Fee $10.00
Students who have not completed registration and paid their appropriate charges (or made satisfactory arrangements with the Treasurer's Office) within ten regular business days after the last regular registration day may, at the discretion of the University, be automatically withdrawn from the University. A student withdrawn for such reason will be assessed the appropriate fees as of the date dropped. Students in this category who, either before or after withdrawal, may be permitted to continue their enrollment will be charged a $10.00 reinstatement service fee in addition to the other service fees set forth in the previous paragraphs (total $30.00).

All students are required to have a validated fee receipt to complete the registration procedure. This includes graduate and teaching assistants and others whose fees may be billed, prepaid, or waived. Delayed registration service fees are also applicable to such students.

No student is authorized to attend classes who has not obtained a class schedule from the Office of the Dean of Admissions and a validated fee receipt from the Treasurer's Office.

The failure of students to pay their debts or other obligations to the University or any component thereof when due may result in denial of registration, graduation, and the withholding of the transcripts.

DEFERRED PAYMENT SERVICE FEE $3.00
Applicable when the payment of any part of a student's account is deferred by satisfactory arrangement with the Treasurer's Office, including accounts which must be billed to outside agencies, organizations and institutions. This fee is also applicable when any additional charge (out-of-state tuition, music fee, room and board adjustments, etc.) is not paid within five regular business days after the date it was incurred. Students are expected to take the initiative to pay all University obligations promptly.

APPLICATION FEE: $10.00
Each undergraduate, graduate, and College of Law application for admission must
be accompanied by a fee of $10.00 before it will be processed. This fee is not refundable.

PROFICIENCY FEES: $10.00

Fees for proficiency and substantiating examination are $10.00 per course. See page 21 for information on proficiency, CLEP, or other organized examinations.

CO-OP REGISTRATION FEE: $6.00

If credit is received, the fee will be determined by applying the appropriate quarterly hour rate.

AUDITOR’S FEE:
Fees for courses being audited are the same as those taken for credit. Auditors do not take the examinations, receive credit, or participate in class discussions.

SPECIAL STUDENT AND POST-BACCALAUREATE FEES:

Special students pay fees at the undergraduate rate. Post-Baccalaureate students pay fees at the graduate rate although graduate credit is not given for course work.

REFUND OF FEES AND ADJUSTMENTS:

Upon receipt of a class schedule, partial or complete, a student is responsible for payment of appropriate fees. Withdrawal from the University after receiving a class schedule must be by official notification to the Office of Special Services. The minimum of 20 per cent of fees will be charged even if classes are not attended. Failure to promptly notify the Office of Special Services when withdrawing could result in a larger percentage fee assessment. The effective date of withdrawal is the date the Office of Special Services is notified and the withdrawal notice is recorded.

For a regular academic quarter, withdrawal within 7 calendar days beginning with the first day following regular registration permits an 80 per cent fee refund. Withdrawal between 8 and 14 calendar days following regular registration permits a 60 per cent fee refund. Withdrawal between 15 and 21 calendar days following regular registration permits a 40 per cent fee refund. Withdrawal between 22 and 26 calendar days following regular registration permits a 20 per cent fee refund. Refunds, in accordance with the refund policy, will be made after the drop deadline.

No refund is due on courses which are dropped unless the sum of the remaining hours calculated at the hourly rate plus the adjusted charge for the course(s) dropped is less than the total amount paid or the maximum quarterly tuition and/or maintenance fee. On the Knoxville campus no refund is made for courses dropped later than twenty-one calendar days after the last regular registration day. Refunds resulting from dropped courses will be made after the final audit at the end of the quarter.

Rental charges and adjustments are determined by the Office of Residence Halls in accordance with the terms of the housing agreement or contract.

Note: All charges and refunds will be made to the nearest even dollar. All charges are subject to subsequent audit and verification. Errors will be corrected by appropriate additional charges or refund. Other information on fees, expenses, refunds, and adjustments is given in the Timetable (Schedule of Classes) for each quarter.

Summer Quarter Fees and Expenses

Fees and expenses for the Summer Quarter are the same as for the other quarters during the academic year with the exception of the University Programs and Services Fee as noted above.

Although the Summer Quarter is divided into terms of varying lengths (three-, four-, six-week, etc.), tuition and fees are assessed at the regular quarter hour rate up to the maximum charge for a complete regular quarter.

Estimate of Expenses

The following estimates of the necessary expenses for an academic year are average. Actual expenses vary greatly according to the habits of economy or extravagance of the individual student. The room and meal estimates are averages based on accommodations and 20-meal board plan in university facilities. Estimates for equivalent accommodations and meals elsewhere will usually be somewhat higher.

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Fee</td>
<td>$408</td>
</tr>
<tr>
<td>Programs &amp; Services Fee</td>
<td>45</td>
</tr>
<tr>
<td>Room and Meals</td>
<td>1,095</td>
</tr>
<tr>
<td>Books, Supplies, etc.</td>
<td>180</td>
</tr>
<tr>
<td>Laundry &amp; Dry Cleaning</td>
<td>90</td>
</tr>
<tr>
<td>Total for Tennesse Residents</td>
<td>$1,818</td>
</tr>
<tr>
<td>Add for Non-Resident Tuition</td>
<td>852</td>
</tr>
<tr>
<td></td>
<td><strong>$2,670</strong></td>
</tr>
</tbody>
</table>

These figures give a fair idea of average expenses, exclusive of clothing, travel, and pocket money. Expenditures for extracurricular activities are not included in the above.

Housing

The University provides modern residence facilities in order to give students comfortable housing at reasonable cost and with an atmosphere conducive to academic achievement and personal development.

Undergraduate Students. Single freshman students are required to live in University residence halls when space is available unless they commute from the home of their parent or legal guardian. Other single students are encouraged to reside in University facilities. Housing contracts are a commitment for the academic year, September to June, or for shorter periods if the student enters the University during winter or spring. A Housing Application will be mailed as a part of the Application for Admission. Residence halls assignments for the academic year are made in the summer. The student must be admitted to the University prior to assignment. If a student withdraws from the University, his housing contract is suspended in accordance with policies stated in the contract. Students assigned to residence halls on the room and board plan will be given contracts written to include both room and board. A contract for housing signed by a student is binding for the term of contract and is rigidly enforced by the University.

Additional information pertaining to single student housing may be obtained from the Office of Residence Halls, The University of Tennessee, 37916.

Off-Campus Housing. Students living in off-campus housing are expected to observe the same rules of conduct and standards that are applicable to all students. The student is responsible for obtaining his off-campus housing. The University does not list, refer, inspect or approve these facilities. The terms and conditions for the rental of off-campus housing are between the student and the landlord.

Graduate Students. Single graduate students may be assigned to the University’s residence halls or the single student apartments. Special graduate floors are available upon request. For information concerning University residence facilities, please refer to the appropriate paragraphs above describing Undergraduate Students and Off-Campus Housing.

Married Students. The University has provided modern apartment facilities in several locations for married students with families. Information and application for these facilities may be secured from the Office of Rental Properties, The University of Tennessee, 37916.

Food Service Facilities

Excellent University-operated food service facilities have been provided. They are air-conditioned, conveniently located in relation to residence halls, and serve nourishing food at reasonable prices.

The University recognizes the educational role that its food service facilities play in student life and group living. The Food Services Department employs a highly skilled dietetic and management staff to insure that the student gets the highest quality meal at the lowest possible cost.

Room and board meal arrangements are available. This plan offers the best combination of balanced, nutritious meals, carefully planned and served at a reasonable charge to the student. For the student residing in residence halls and not under the Board Plan, excellent, well-planned meals can also be obtained from cafeterias operated on a cash basis.

In addition, the Food Services Department offers a "Charge Plan" whereby a student can charge his meals and have the bill rendered to him or his parents monthly.

For the late evening snack or morning coffee break, the most popular spots on the
made possible through funds provided by the University, outside foundations, estates, private businesses, civic groups, individuals, and alumni. The majority of these scholarships are coordinated by the Financial Aids Office. Some undergraduate scholarships for currently enrolled students are administered in the various schools and departments of the University.

Most scholarships are awarded to students who demonstrate strong academic achievement and proven need for assistance. There is, however, an academic merit scholarship hierarchy only on academic achievement. If you wish to compete for merit scholarships only, you must submit an Application for Student Financial Aid. A Parents’ Confidential Statement is not necessary.

All scholarships, including merit scholarships, are highly competitive; despite the generosity of University friends and alumni, there are not enough funds to provide scholarship aid to all qualified students. Annual scholarship stipends range from $100 to $750.

Most scholarships are awarded for one year, with the recipient competing for scholarships each year of enrollment in the University. In case of this program, all students competing for scholarship assistance to indicate each individual scholarship for which they wish to be considered. The Application for Student Financial Aid is a general application, and all applicants will be considered for every scholarship coordinated through the Financial Aids Office.

High school students should contact their school counselor or principal concerning scholarships offered by local individuals, national foundations, and other organizations.

Supplemental Educational Opportunity Grants. This is a program of direct grants available to entering freshmen, transfer, and enrolled undergraduate students with exceptional financial need. The amount of financial assistance a student may receive depends upon the need—taking into account financial resources, those of the parents, and the costs of attending the University. The student must also demonstrate “academic or creative or other” eligibility students accepted for enrollment or who are currently enrolled in good standing, may receive a Supplemental Educational Opportunity Grant (S.E.O.G.). Grants may be extended for a maximum of 12 quarters. An S.E.O.G. must be matched dollar for dollar by other sources of financial aid, i.e., scholarships, loans, and/or earnings from University part-time employment. A Supplemental Educational Opportunity Grant may not be less than $220 or more than $1,500, or exceed one-half of the student's need for assistance. The above regulations and provisions of the Supplemental Educational Opportunity Grants are subject to change by federal legislative action.

Law Enforcement Education Program. The University of Tennessee participates in the Law Enforcement Education Program. This program provides grants or loans to police, court, and correction employees, and students preparing for careers in these fields. Grants up to $250 per academic quarter may be made for tuition, mandatory fees, and books related to the courses being studied.

Loans up to $2200 per academic year can cover living expenses in addition to tuition, fees, and books. Application forms are available in the Financial Aids Office.

Nursing Scholarship Program. The purpose of this program is to assist students of exceptional financial need who are enrolled as full-time students in a course of study leading to a baccalaureate degree or a graduate degree in Nursing.

The amount of scholarship which a student may receive depends upon his financial need. The maximum scholarship available for any student in a twelve (12) month period is $2,000. The above regulations and provisions of the Nursing Scholarship Program are subject to change by federal legislative action.

Student Loans

National Direct Student Loans. Long-term loans are available primarily through the National Direct Student Loan. Proven need for financial assistance determines your eligibility.

Loan repayment and interest payments on National Direct Student Loans are deferred until after graduation or as long as the individual remains in half-time attendance at an accredited post-secondary institution of higher education in the United States. Repayment may also be deferred for a period of three (3) years while the borrower is serving in the Armed Forces, Peace Corps, or Vista. Interest is 5 per cent per year on the unpaid balance of the accumulated loan, whichever is greater.

Some graduates may become a full-time teacher in a public or non-profit school which is designated by the commissioner as having a high enrollment of low-income families or become a teacher of the handicapped, 15 per cent of total principal plus interest is canceled for the first and second year of teaching, 20 per cent for the third and fourth years, and 30 per cent for the fifth year. If after graduation you become a staff member in a preschool program which is operated for a period comparable to a full school year, 15 per cent of principal plus interest will be cancelled for each year of service. Cancellation at the rate of 12½ per cent of the total principal plus interest will also be made up to 50 per cent of the loan for each year of Armed Forces service in an area of hostility.

An undergraduate may be extended a maximum annual loan of $1250 to an accumulated loan total of $5000. Graduate level students may be extended annual loans of $2500 to a maximum accumulated loan total of $10,000. The above regulations and provisions of the National Direct Student Loan Program are subject to change by federal legislative action.

The University of Tennessee Student Loans. Student loans from University sources, established by friends and alumni of the University, are available to currently enrolled students. You can be extended a loan of up to $250 per quarter to an annual maximum of $750. The interest is 3 per cent per annum payable annually on the anniversary date of the loan. The maximum loan period and is due at the end of a stated number of years from the date of the note.
Other Assistance

The Basic Educational Opportunity Grant Program's central purpose is to assist in making available the benefits of post-secondary education to qualified students who display a financial need for funds. The program is administered by the U.S. Office of Education or a specified agency contracting with the Office of Education. Applications are available in high schools, post-secondary educational institutions, post offices, and other locations easily accessible to students. The student submits his application for determination of family contribution to the specified agency contracting with the Office of Education to calculate the family contribution. The contractor notifies the student of his expected family contribution. The student forwards a copy of the notification form to the institution which he/she plans to attend. The University then reviews the expected family contribution, computing and dispersing the B.E.O.G. funds to the student.

When the program is fully funded, maximum grants are $1400 less the parent contribution of one-half of the cost of education. For information write to U.S. Office of Education, Washington, D.C.

The Tennessee Educational Loan Corporation, through participation agreements with lending institutions of the State of Tennessee, enables these institutions to make long-term personal loans to help pay educational expenses. You must have been a Tennessee resident for one year prior to entrance in the University. You must be admitted or in regular full-time attendance and in good standing at the University. Interest on such loans is paid by the Federal Government while the student is in school if the student is eligible for interest benefits. During the repayment period which begins no less than nine months after graduation or withdrawal from the University, the student pays up to 7 per cent simple interest. The maximum amount of a loan to an undergraduate in a twelve-month period cannot exceed $2500.

Total loans outstanding may not exceed $7,500 for the undergraduate or $10,000 for the graduate student.

Complete information is available at most Tennessee banks and credit unions, or can be obtained by writing the Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206.

The Tennessee Tuition Grant Program is designed to further the opportunity for higher education for residents of the State. Tuition grants range from a maximum of one hundred dollars ($100) to a maximum of one thousand dollars ($1000), dependent upon the need of the student and the amount of tuition and mandatory fees assessed by the institution. The highest grant at the University of Tennessee is approximately four hundred dollars ($400). Students are eligible to choose the educational institution in Tennessee, public or private, which they wish to attend, provided the college or university offers undergraduate academic work leading to a baccalaureate degree at least a minimum two-year certificate or degree program, and is accredited by the Southern Association of Colleges and Schools.

More information may be obtained on the Tennessee Tuition Grant Program by writing to the University of Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206.

Application Procedures

ENTERING FRESHMEN AND UNDERGRADUATE TRANSFERS

(1) Complete and submit an undergraduate application for Admission.
(2) Complete and submit the application for financial aid on or before the following priority deadlines: Freshmen-March 1; Undergraduate Transfer-April 1.
(3) Complete and submit a Parents' and/or Student's Financial Statement to the College Scholarship Service approximately three (3) weeks prior to the March 1 or April 1 deadline.
(4) Apply for the Basic Educational Opportunity Grant, and, if you are a Tennessee resident, the Tennessee Tuition Grant.

CURRENTLY ENROLLED STUDENTS

(1) Complete and submit the application for financial aid on or before April 1.
(2) Complete and submit the Parents' and/or Student's Financial Statement to the College Scholarship Service approximately three (3) weeks before the April 1 priority deadline.
(3) Apply for the Basic Educational Opportunity Grant and, if you are a Tennessee resident, the Tennessee Tuition Grant.

ENTERING GRADUATE AND LAW STUDENTS

(1) Apply for admission to the appropriate administrative office at The University of Tennessee.
(2) Complete and submit the application for financial aid on or before May 1.
(3) Complete and submit a Parents' and/or Student's Financial Statement to the College Scholarship Service approximately three (3) weeks before the May 1 priority deadline.

Financial aid programs, policies, and procedures are subject to annual change. Therefore, those interested in applying for financial aid should refer to the current informational brochure, "Financial Assistance for Students," distributed by the Financial Aid Office.

Applications for financial aid can be obtained by writing to The Financial Aid Office, 301 Student Services Building, The University of Tennessee, Knoxville, Tennessee 37916. Graduating Tennessee high school students are encouraged to obtain application materials and information from their high school guidance counselor. The University of Tennessee wishes to express gratitude to the contributors and donors of the following scholarships:

Accelerated Program Scholarships
AFL-CIO Estes Kefauver Memorial Scholarship Fund
AgriCo Scholarship
Agricultural Faculty-Alumni Scholarships
Air Force ROTC
Alcoa Foundation Scholarships
All-Sport Scholarships
Alpha Delta Kappa Scholarships
Alpha Lambda Delta Scholarships
Altrusa Club of Knoxville Scholarship
American Chemical Society Scholarship
American Economic Association Scholarship, College Chapter
American Institute of Chemical Engineers Scholarship
American Society of Tool and Manufacturing Engineers—Knoxville-Oak Ridge Chapter Scholarship
Anderson County Agricultural Scholarship
Animal Husbandry Award
Armour and Company Scholarship
Army ROTC
Max B. and Lalla B. Arnold
J. Clayton Arnold Teacher-Training Scholarship
General Henry H. Arnold Educational Fund
Art Department Art Auction Scholarships
Assoo Foundation Scholarship
 Clyde B. Austin Memorial Scholarship
Charles H. Bacon Scholarship
Howard H. Baker Memorial Fund
Bank of Cowan Agricultural Scholarship
Bank of Maryville Scholarship
The Barnhill Scholarship
Paul Barnett Memorial
Colonel T. H. Barton Scholarship
Alvin Beaman Scholarship Fund
Bedford County Farmers Cooperative Agricultural Scholarship
Roy F. and Addie Bell Scholarships
Benco Physics, Inc., Scholarships
The Carl M. Bennett Scholarships
Berkeley Corporation Scholarships
Betsy Sigma Phi Scholarship
E. J. Bill Scholarship
Voula Bitzas Voice Scholarship
Bledsoe County Agricultural Scholarship
Block and Biddle Agricultural Scholarship
Amanda Minnis Bonham Scholarship
Frederick T. Bonham Foundation Scholarships
Frederick T. Bonham Scholarship
Borden Home Economics Scholarship Award
Harry E. Bradley Scholarships
Harry Brooks Scholarships
Fred and Ruth Brown Scholarship
Grover C. Brown Scholarship
Neil M. Brown Scholarship
William P. Bryant Scholarship Fund
Jim Burke Estes Kefauver Memorial Scholarship Fund
Burlington Industries Foundation Scholarships
Campbell County Agricultural Scholarship
The Campos Bookstore Art Scholarship
Cannon County Agricultural Scholarship
Carter County Agricultural Scholarship
Cellheatt Company, Inc., Scholarships
Central State Bank of Lexington Scholarship
Chance Memorial Bank Scholarship
The Chemstrand Corporation Scholarship
George S. Child, Sr., Memorial Law Scholarship
The Church Street Methodist Church Scholarships
W. C. Clay Agricultural Scholarship
The College of Education Alumni Scholarships
The College of Home Economics General Scholarship
Ed Collins Memorial Scholarship
Colonial Baking Company Scholarships
Continental Oil Company Scholarship
Continuing Education of Women Scholarship
J. A. Cooley Memorial Scholarship
Corley Distribution Company Scholarship
The Corporate Scholarship Fund
Dr. and Mrs. Dennis Coughlin Scholarship
Nellie Crooks Award
Cumberland Capital Corporation Scholarship
Cumberland Farmers Cooperative Agricultural Scholarship
Taylor H. Cox Memorial Scholarship
Bernard L. Dahlberg Memorial Scholarship
Davidson County Farm Bureau Agricultural Scholarship
Delta Airlines Scholarships
Delta Delta Delta Local Scholarship
George Dematoski Scholarship Fund
C. H. III and K. W. Dixon Scholarship
Dr. K. G. Dixon Scholarship
Grace Darden Doggett Scholarships
Professor Dugger Club Scholarship
Dean R. Dunford Band Scholarship Fund
East Tennessee Electrical Contractors Scholarship
East Tennessee Title Insurance Agency Scholarship
Electrical Engineer Discretionary Scholarship
Dick Evans Scholarship
Suman Evanoff Kefauver Memorial Scholarship Fund
John and Reila Factor Foundation Estes Kefauver Memorial Scholarship Fund
John Richard Fain Student Aid Scholarships
Fayette County Farm Bureau Agricultural Scholarship
Dr. Mark P. Fecher Agricultural Scholarship
N. E. Fitzgerald Scholarship
Flennike Fowler and McClamroch Memorial Scholarship
Fletcher Scholarship
Grace C. Follin Memorial Scholarship
Henry L. Ford Scholarship
Robert L. Forrester Memorial Scholarship
Franklin County Farm Bureau Scholarship
Margaret Franklin Memorial Fund
Julius and Henrietta Freed Memorial Scholarship
Katherine and Helen Freed Memorial Scholarship
Eugene C. Fretz Memorial Scholarship
Laurence Gardiner Agricultural Scholarship
General Foods Fund
General Motors Scholarship
Mr. and Mrs. R. E. Gettys Scholarships
Gibson County Farmers Cooperative Scholarship
Granger County Agricultural Scholarship
A. J. Graves Memorial Scholarship Fund
May Graves Scholarship
Irene and Gordon L. Green Memorial Scholarship
John W. Green Scholarship
Greene County Farm Bureau Agricultural Scholarship
Greene Farmers Cooperative Scholarship
J. A. Hadley Scholarship
Harriet Greve Scholarship
Hamilton County Farm Bureau Scholarship
Edward H. Hamilton Scholarship
The Hand Foundation, Inc., Scholarship
Jessie W. Harris Foundation Scholarships
George E. Harrison Scholarship
Haskins and Sells Foundation Award
Hawkins County Farm Bureau Scholarships
Hawkins Equipment Company Scholarship
Damon Rivers Headden Memorial Scholarship
David Clayton Heins Scholarship
Robert and Libby Henley Scholarship
Hennes Freight Lines Scholarship
G. L. Herrington Scholarship
Hewgley's Music Shop Band Scholarship
James H. Hickman Scholarship
Herman Hickman Memorial Scholarship
C. S. Hobbs Scholarship
Stylius E. Hodges Memorial Scholarship Fund
D. R. and F. R. Holley Memorial Scholarship
Ernest Holmes Company
Andrew David and Mary Elizabeth Holt Scholarship
Home Federal Savings and Loan Association of Johnson City Scholarship
John F. Humphrey Metal Fabricators Inc. Scholarship Fund
The Maria Humphrey Scholarship
Arthur B. Hyman Scholarship Fund
IODE Estes Kefauver Memorial Scholarship
Indianapolis-Indiana City Motor Express Scholarship
Insurers of Knoxville, Inc. Scholarship
Edith N. Jessop Memorial Scholarship
Kay's Ice Cream Scholarship
Estes Kefauver Scholarships
John L. and Elizabeth V. Kind Memorial Scholarships in German
James M. King Scholarship
Knox County Farm Bureau Agricultural Scholarship
Knoxville Civic Music Association Scholarship
Knoxville Farm Bureau Scholarship
Knoxville Farringshop Scholarship
Knoxville Music Center Band Scholarship
Knoxville Post Office Welfare Committee Scholarship
Knoxville Sails Executive Club Scholarship
Knoxville Women's Club Scholarship
The Knoxville Magazine Scholarship
Stanley Kogut Memorial Scholarship
John and Margaret Lambert Scholarships
Lawrence County Test Demonstration Association Agricultural Scholarships
Lawson Scholarship
Lincoln County Farm Bureau Agricultural Scholarship
Lincoln County Farm Bureau Home Economics Scholarship
Lincoln County Farmers Cooperative Agricultural Scholarship
Colonel S. H. Lockett Memorial Scholarships
Wayne and Alberta Longmire
Raymond H. and Sarah H. McAnally Animal Science Scholarship
McDonald's Restaurant Scholarships
George H. McFadden & Brother Fund, Inc.
Mary Elizabeth McManus Scholarship
Macon Bank and Trust Company Scholarships
Macon County Farm Bureau Scholarship
Macon County Jaycees Scholarship
Madison County Farm Bureau Scholarship
Magnaflux Foundation Scholarships
Marin Maris Freshman Aerospace Scholarships
Mascot Community Club Scholarship
Mason & Dixon Lines Scholarship
Maury County Farm Bureau Agricultural Scholarship
Maury Farmers Cooperative Agricultural Scholarship
MCF Scholarships
John Mercer Agricultural Scholarship
Merrill-Palmer Award
Middle Tennessee AIA. Chapter Scholarship
Mike Milburn Memorial Scholarships
T. A. Mitchell Scholarships
Minneapolis Star Scholarship
Monsanto Scholarship
George C. Moore Scholarships
Grace Moore Scholarships in Music
Moorman Company Scholarships
Morton & Sweeney, Architects Scholarship
National Food Brokers Association
National Plant Food Institute Achievement Award
Robert R. Neyland Academic Scholarships
J. H. Nicholson Memorial Scholarships
Harry Nides Endowment Scholarship Fund
Novick Scholarship
Omicron Nu Student More Scholarship Award
The Orange and White Book Store Scholarships
Ornamental Horticulture and Landscape Design Scholarship
Eli L. Pacette Scholarship
Park Industries Incorporated Scholarship
Park National Bank Scholarships
Marcus Parker Agricultural Scholarships
Paul Parrott Cloth Shops, Inc., Scholarships
William Britt Pennebaker Scholarship
Phi Kappa Phi Society Scholarship
Joe Frank Porter Scholarship
Porter-Walker Hardware Company
Agricultural Scholarship
Joe Powell Memorial Scholarship
Prater Equipment Company Scholarship
President's Student Aid Fund
Presser Foundation Music Scholarships
Price Waterhouse Foundation
Jannene J. Quillen Memorial Scholarship Fund
Raisell Purina Scholarship
Rehabilitation Corporation of Tennessee Scholarship
Retail Clerks International Association Estes Kefauver Memorial Scholarship Fund
Rhenium Scholarships in Chemistry
Stephen D. Rimmer Memorial Scholarship
Roane County Council of Home Demonstration Clubs Scholarship
The University

Robertson County Farm Bureau Home Economics Scholarship

Tri-Cities Chapter American Institute of Industrial Engineers Scholarships

Tri-State Research Foundation Scholarship

Trousdale County Farm Bureau-Young Farmers and Homemakers

Tullahoma Lions Post 408 of American Military Engineers Scholarship

Union Bag-Camp Paper Corporation Scholarship

Union Carbide Engineering Scholarship

United Auto Workers- Estes Kefauver Memorial Scholarship

United Steelworkers of America Estes Kefauver Memorial Scholarship

University of Tennessee Alumni Association

University of Tennessee Alumni Association Freshmen Scholarships

University of Tennessee Alumni Association Upper-classmen Scholarships

University of Tennessee Alumni Association Valedictorian Scholarships

University of Tennessee Alumni Association National Merit Scholarships

University of Tennessee Band Scholarships

University of Tennessee International Scholarship Fund

Victory Van Lines Agricultural Scholarship

Vinylex Corporation Scholarship

Frederick Bickford Vreeland Scholarship

Charles A. and Myrtle Warner Memorial Scholarship

Harold C. Warner Law Centurion Endowment Fund

Washington County Farm Bureau Scholarship

Ira A. Watson Scholarship

William Way Memorial Scholarship

Weakley County Farmers Cooperative Scholarship

Western Electric Fund Scholarships

Daniel B. Wexler Scholarship

White Stores Company Scholarship

Wilson County Agricultural Extension Scholarship

Chancellor Glen W. Woodlee Scholarship Fund

Dick Wright Scholarship

Serti Wundulich Scholarship in German

C. E. Wylie Scholarship in Dairying

The University of Tennessee wishes to express gratitude to the contributors and donors of the following loan funds:

American Association of University Women Loan Fund

American Institute of Architecture Loan Fund

Samuel W. Atkins Loan Fund

W. T. Steed Loan Fund

Bixby-Altrusa Loan Fund

John L. Boyd Student Loan Fund

John H. Centrell Scholarship Fund

W. W. Carson Loan Fund

Fred Collins Memorial Loan Fund

Nancy M. Dismuke Loan Fund

E. P. Frost Memorial Foundation (The Scarabean Senior Society Loan Fund)

Eugene Gambill Loan Fund

Helen B. Gibson Loan Fund

Gordon A. Hawkins Memorial Loan Fund

Flota Crilla Dodge Memorial Loan Fund

J. E. Hogan Loan Fund

Ruth Hope Memorial Loan Fund

R. N. Kesterson Loan Fund

Knockville Academy of Medicine Loan Fund

J. E. Lutz Memorial Loan Fund

Clarence H. Moody Loan Fund

Ise Moore Stevens Loan Fund

Phi Kappa Phi Loan Fund

Phi Mu Alumnae Association Loan Fund

Mary Plummer Memorial Loan Fund

Maude Powers Womack’s Aid Fund

James H. Rader Memorial Loan Fund

Charles C. Ritchoff Loan Fund

William Rufe Loan Fund

Senior Memorial Loan Fund, 1922

Senior Memorial Loan Fund, 1925

Sarah Hawkins Senior Memorial Fund

James A. Shull Loan Fund

J. Allen Smith Students’ Aid Fund

Southern Railway Loan Fund (William Wilson Tinley Foundation)

B. R. Strong Trust Fund

Students Loan Fund (Special)

Students Loan Fund of the State of Tennessee

Bankers’ Association (Fred Collins Memorial Foundation)

Mary Boyce Temple Loan Fund

Williamson County Farm Bureau Scholarship

Nathaniel S. Woodard Memorial Loan Fund

Honors and Awards

The honors and awards available to students at The University of Tennessee, Knoxville are listed with donors below.

The University reserves the right not to award any of the honors or awards listed herein.

General Honors and Awards

Dean’s List. Public announcement of students passing a quarter’s work “With Highest Honors” (grades from 3.75 through 4.0), “With High Honors” (3.40 through 3.74), “With Honors” (3.0 through 3.39) To be eligible, a student must complete at least 12 hours, not counting work taken on satisfactory/no credit basis.

College of Agriculture

The American Society of Agricultural Engineers each year selects an outstanding agricultural engineering student for the ASAE Student Honor Award. Based on scholarship, activities, and community contributions, the award consists of a key and certificate.

The American Society of Agronomy has made available a Certificate of Merit for an outstanding senior in the Department of Plant and Soil Science who has a superior academic record and displays evidence of high potential in this field.

The American Society of Animal Science awards scholarship medals and embossed certificates to sophomore, junior, and senior students in the Animal Science Department who are of good moral character and rank scholastically in the top 10 per cent of their class.

The Block and Bridle Club recognizes students in Animal Science who are successful in their academic program, have made unusual contributions to the Club’s program, and show evidence of leadership in their chosen field.

The Danforth Foundation Inc. provides a leadership training fellowship to an outstanding agricultural student during the summer following his junior year. The award includes two weeks in St. Louis for study of important businesses related to agriculture and two weeks of leadership training at Camp Minivian on the shores of Lake Michigan. A similar award, offered to an outstanding agricultural student following his freshman year, consists only of the two weeks of training at Camp Minivian.

The Forestry Faculty Scholarship Award, given annually at the end of the junior year of the recipient who is selected by the Forestry faculty on the basis of outstanding scholarship and contribution to the Forestry program.

Kentucky-Tennessee Section, Society of American Foresters Scholarship, awarded every third year to the freshman forestry student with the highest scholastic average. The award is in cash and a framed certificate.

M. Jacob Animal Husbandry Award, given by East Tennessee Packing Company.

J. B. Madden Memorial Foundation Fund, established by J. B. Madden family. Income from $1,000 fund, for prizes in livestock judging competition.
College of Business Administration

Beta Gamma Sigma Awards. Plaques given to the freshman and sophomore students with highest grade point averages by this national honor society.

Delta Sigma Pi Scholarship Key, given by international fraternity to male senior with highest four-year scholastic average.

John Fred Holly, Jr. A memorial scholarship endowed by the parents.

John M. and Suzanne W. Larsen Phi Kappa Phi Scholarship Award. Awarded to the College of Business Administration Junior Initiate with the highest grade point average.

Knoxville Sales Executive Club Award. Plaque, plus dinner in student's honor, to outstanding senior marketing major.

Lutz Award, given by J. E. Lutz & Co., Inc., Knoxville. Cash award to student with minimum of 120 quarter hours having highest scholastic record after completion of first eight quarters of required courses in chosen curriculum.

Lutz Insurance Award, given by J. E. Lutz & Co., Inc. Cash award to finance major submitting most scholarly, complete, and satisfactory written project in insurance field.

Fulton Beverly Moore, III, Memorial Real Estate Scholarship. A memorial scholarship fund endowed by the parents.

Pi Omega Pi Scholarship Key. Key to senior business education major with highest 11-quarter scholastic average.

John Sample Agency for Connecticut Mutual Life Insurance Company. Cash award to a student majoring in insurance.

Smoky Mountain Chapter of the Bank Administration Institute. Cash award to a junior or senior who is a resident of Tennessee and majoring in banking.

Wall Street Journal Award. Student Award Medal, year's subscription to The Wall Street Journal to outstanding student in finance classes using this newspaper during the year.

William Way, Jr., Memorial Award. Gold medal or key to senior transportation major with highest academic average.

Zeta Lambda Chapter of Alpha Kappa Psi, professional business fraternity, awards annually the Alpha Kappa Psi Scholarship Award to the male student graduating with highest grade point average for three years of collegiate work in this University.

College of Communications

Advertising Club of St. Louis College Award Citation, given to outstanding man and woman graduating in Department of Advertising.

Alcoa Foundation Scholarship. $600 to an outstanding undergraduate planning a career in public relations.

Alcoa Foundation Minority Scholarship. $600 to an outstanding undergraduate minority student in the College.

Dick Evans Scholarship, given to outstanding student in News-Editorial sequence of the School of Journalism.

Edward J. Meeman International Communications Fellowships. $1,500 each, to two outstanding graduate students from other countries.

Ernie Pyle Memorial Award, given by Scripps-Howard Newspapers. Certificate and basic journalism library awarded to the outstanding senior in recognition of scholarship and journalistic achievement.

Grantland Rice Scholarships or Fellowships. $2,200 total, to upper-division or graduate students selected on the basis of character, competence, and potential professional service in the tradition of Grantland Rice.

Hoyt B. Wooten Award, given by family. Plaque and basic broadcasting library awarded to the outstanding senior in recognition of scholarship and broadcasting achievement.

Journalism Faculty Scholarship. Up to $500 to an outstanding major in the School of Journalism.

Knoxville Ad Club Award, given to outstanding graduate in Department of Advertising.

Myron G. Chambers Scholarships, given by Scripps-Howard Newspapers. $1,000 total to one or more outstanding undergraduates in the Department of Advertising.

Sammee Lynn Puett Award, given to outstanding student in the Public Relations sequence in the School of Journalism.

Sigma Delta Chi Outstanding Graduate Citation. Certificate given by professional journalism society to outstanding graduate.

Tennessee Association of Broadcasters. $300 to outstanding junior or senior planning a career in broadcasting.

Willie C. Tucker Scholarship Award, given by Sigma Delta Chi. Silver bowl or key to graduating senior with highest academic average.

College of Education

Kappa Delta Pi. An honor society in Education open to outstanding upper-classmen and graduate students.

Knoxville Branch of American Association of University Women Award, Membership to senior woman selected on basis of scholarship and leadership qualities.

Pi Lambda Theta Fraternity Scholarship Key. Key, to junior girl showing most outstanding qualities for professional leadership in education, attaining high scholastic average through junior year.

College of Engineering

American Chemical Society. East Tennessee Section of American Chemical Society offers an award each year to an outstanding senior in chemical engineering.

American Institute of Aeronautics and Astronautics. Award of one-year membership made each year to a branch member whose performance has been outstanding.

American Institute of Chemical Engineers Professional Achievement Award to chemical engineering senior who has contributed most to student chapter. Name engraved on permanent plaque, and certificate.

American Institute of Chemical Engineers Scholastic Award to chemical engineering junior who attained highest scholastic average in first two years. Certificate and handbook.

American Society of Mechanical Engineers. Award and certificate presented each year to a member of the student section for outstanding work with the professional society.

East Tennessee Chapter of American Institute of Industrial Engineers Award. Award to the outstanding senior industrial engineering major.

East Tennessee Section of the Institute of Electrical and Electronics Engineers. Award made annually to junior in electrical engineering with an outstanding scholastic record.

Electrical Engineering Leadership Award. One or more awards may be made annually to juniors or seniors in electrical engineering who have exhibited outstanding leadership ability and have maintained a B average or above.

Ina B. Howard Award. Cash award to worthy engineering student from the Giles County, with preference given to civil engineering student.

J. Mack Tucker Outstanding Senior Award. Award by the Student Section of the American Society of Mechanical Engineers to the outstanding senior in the Mechanical and Aerospace Engineering Department. Award is based on leadership, scholarship, and service.

Joel F. Bailey Award. Award by Tennessee Tau Eta Chapter of Pi Tau Sigma to the student in mechanical and aerospace engineering graduating with the highest scholastic record.

John Milton Snoddy Civil Engineering Scholarship Award. Cash award in recognition of scholastic achievement and evidence of high potential as a future civil engineer, to two junior or senior civil engineering students as selected by the civil engineering faculty.

Junior Engineering Prize. $25 in books to student with highest standing for work through junior year.

Magnavox Scholarship. $500 annual award to outstanding junior in electrical engineering.

Patterson and DeWar Scholarship. Award to a senior in electrical engineering majoring in electrical power distribution.

Tau Beta Pi Freshman Award, given by Tennessee Alpha chapter. Engineering handbook to freshman with highest scholastic record.

Tennessee Society of Professional Engineers Student Achievement Award. $250 award by Knoxville Chapter of the Tennessee Society of Professional Engineers to a member (freshman, sophomore, or junior) of the UT Student Chapter in recognition of accomplishment as a student and potential as a future professional engineer.

Tennessee Valley Section of American Society of Civil Engineers Awards. Two junior membership initiation fees in Society, to civil engineering students.

Women's Auxiliary of the Tennessee Society of Professional Engineers. $14 annually to an outstanding woman in engineering.
College of Home Economics

Alico Foundation Scholarships. Three, $600 each.
American Association of University Women Award. Awarded membership for one year to outstanding senior.
American Home Economics Association Student Member Chapter. $100. Awarded to an outstanding sophomore active in AHEA.
Aubrey Scott Scholarships. $300.
Chattanooga Area Home Economics Association. Awarded to a sophomore or junior from the Chattanooga area. $100.
Chattanooga Dietetic Association. $100.
Chattanooga Hotel-Motel Association Scholarship. Awarded to a student enrolled in the Food and Lodging Administration program. $500.
Danforth Award. Expenses exclusive of travel for two week's leadership training at American Youth Foundation Camp on the shore of Lake Michigan paid by Danforth Foundation, Inc.
Donelson Home Economics Club. $500.
Gibson County Farm Bureau. $400.
Jessie W. Harris Scholarship. Awarded to sophomore, junior and senior with highest scholastic record. Three, $350 each.
Hawkins County Farm Bureau. Awarded to a freshman from Hawkins County. $300.
Hyatt Corporation Scholarship. Awarded to student enrolled in the Food and Lodging Administration program. $500.
Knoxville Home Economists in Homemaking. Awarded membership in AHEA to outstanding senior.
Knoxville Hotel-Motel Association Scholarship. Awarded to student enrolled in the Food and Lodging Administration program. $500.
Lewisohn Scholarships, endowed by Frederick Lewisohn. Six, $250 each.
Memphis Hotel-Motel Association Scholarship. Awarded to student enrolled in the Food and Lodging Administration program. $500.
Nashville Area Home Economists in Homemaking Scholarship. Awarded to a Nashville resident. $500.
Nashville Hotel-Motel Association Scholarship. Awarded to student enrolled in the Food and Lodging Administration program. $500.
Nellie Crooks Award. Award of reference books and journals to an outstanding junior.
Omicron Nu Sophomore Scholarship Award. $100. Awarded by the Home Economics honor fraternity.
Rehabilitation Scholarship, Ten. $400 each.
Roane County. Awarded to freshman from Roane County. $250.
Tennessee Chapter of Future Homemakers of America. Two. $250.
Tennessee Dietetic Association. Awarded to upperclassman enrolled in dietetics program. $100.
Association of Extension Home Economists. $250.
White Stores Scholarships. Two. $450 each.

College of Law

Herbert L. Davis Memorial Trust Fund. Award of $100 to student having highest scholastic average on first two years of law.

Bobbs-Merrill Company Prize. Copy of Tennessee Code Annotated to student attaining highest average during three years of law.
Callaghan and Company Prize. Offers a copy of Brown on Personal Property to student attaining highest average during junior year in law.
Hamilton National Bank Prize. Three prizes of $125, $75, and $50 to law seniors who draft the best wills based upon a hypothetical set of facts.
Lawyers Cooperative Publishing Company and the Bancroft Publishing Company Prize. Joint publishers of American Jurisprudence offer separately bound topics from the encyclopedia to students receiving the highest grades in the respective subjects.
West Publishing Company Prize. Offers a selected title from Hornbook Series to member of each of the three classes who achieves highest scholastic average in the class.
West Publishing Company Prize. Offers a selected title of Corpus Juris Secundum to member of each of the three classes who made most significant contribution toward overall legal scholarship.

College of Liberal Arts

John M. Allen Mathematics Prize. Medal, to outstanding freshman mathematics student. Prize is determined by competitive examination covering material found in the following courses: Mathematics 1540-50-60, Mathematics 1840-50-60, and Mathematics 1848-58-68.
Philos Sherman Bennett Prize, established by the late Hon. William J. Bryan. Cash award to student submitting best essay discussing principles of free government.
Biologia Award. Plaque, to the outstanding biology senior.
Chi Omega Prize, given by Pi chapter of sorority. $25, to the senior girl majoring in the social sciences, with the greatest proficiency in that subject.
Senior Greek Prize, established by friends of the classics. Cash award, to member of senior Greek class showing greatest proficiency in the course.
Maud Calloway Hays Scholarship. Variable scholarship of approximately $200 to senior history major with special interest in U.S. History.
History Department Scholarship. $360 to history major with financial need.
Italian Studies Award, established by Italian division of Department of Romance Languages. Cash award to outstanding student in upper division courses in Italian.
Senior Latin Foundation Prize, established by friends of the classics. Cash award, to member of senior Latin class showing greatest proficiency in the course.
Charles L. McClung Prizes. First prize of $100, second prize of $50, to junior or senior for excellence in composition and declamation. Subjects are set by English Department in first quarter of academic year. Manuscripts must be submitted by Feb. 15. Six finalists compete in public declamation contest on first Wednesday evening in March.
Mrs. J. Harvey Mathes Tennessee D.A.R. American History Scholarship. Interest on $500, to woman student. Winners selected by the Department of History.
Judson H. Robertson Award in Analytical Chemistry. Endowment established by family and friends of the late Professor Robertson. $100 to student with highest scholastic average in sophomore analytical chemistry courses.

Bernadette Schmitt History Scholarships. Two scholarships of $500 each for academic excellence, and one of $500 based on financial need. History majors only.
Ruth Stephens Award in International Relations and International Law, established by the late Mr. and Mrs. Oscar H. Hambright, Knoxville. Dividends from investment of $1,500, to student showing greatest knowledge of international relations or international law.
Ruth Stephens History Scholarship, $400 to history major for academic excellence.
Rush Strong Medal, established by the late Benzie Rush Strong, Knoxville. Medal, to student submitting best essay on "The Value of Truth."
Lee L. Verstandig Fellowship in History. Cash award to outstanding student in history.
Pauline Capell Walker Prize in French. $10, to senior French major with greatest mastery of language, literature, and civilization of France.

Campus Honorary and Professional Fraternities

A number of honorary and professional fraternities have chapters on the University's Knoxville campus. Membership in these organizations is generally based on the initiate's good character, professed interest in his chosen field, leadership characteristics, and a high scholastic record.
Those honor fraternities, both national and local, with chapters at The University of Tennessee are:

- Alpha Chi Sigma, for chemical engineering and chemistry students. Student must have a point average of 2.5 in chemistry and/or chemical engineering combined and 2.5 in all academic work and must have been enrolled in this school for at least one quarter and be elected to membership by others in the local chapter.

- Alpha Epsilon Delta, for students preparing for study of medicine. Students with minimum 3.0 average in all courses may be pledged at end of their first three quarters in the University, or at end of four quarters with a minimum 2.8 overall average. They may be initiated at end of five quarters if an overall 2.8 average has been maintained.

- Alpha Lambda Delta, for freshman women. Students with a minimum 3.5 average for the first two quarters or for the entire freshman year are eligible to election upon invitation.

- Alpha Phi Omega. Any undergraduate who is a former Scout is eligible for membership. A pledge must have completed one quarter of academic work with an average grade of 2.0 before eligible for initiation.

- Alpha Pi Mu, for industrial engineering students. Prospective members are chosen from the upper one-third of the senior class and upper one-fifth of the junior class. A minimum 2.5 average is required.

- Alpha Zeta, agricultural fraternity for juniors and seniors. Prospective members must be among the upper two-fifths of their respective class and show leadership ability.

- Beta Alpha Psi, for accounting students. Any undergraduate or graduate accounting major registered in advanced accounting, with a minimum "B" average in accounting subjects and a minimum "B-minus" average in all subjects, is eligible for active membership.
Delta Pi Epsilon, for business education graduate students. Prospective members must have a minimum 3.4 average for nine hours of graduate work in business education. Candidates are required to show evidence of their scholarship before initiation by presenting a talk, research abstract, or written paper to the group.

Delta Sigma Pi, professional business fraternity for students enrolled in the College of Business Administration. Graduation requires a minimum 2.5 average.

Delta Sigma Phi, honor society for students in classical languages. Membership is open to students who have attained at least a 3.0 average in Latin or Greek courses.

Gamma Sigma Delta, agricultural honorary society for graduating seniors, graduate students, faculty, and agricultural alumni. Students selected must be in the upper one-fourth of the graduating class in the college of agriculture and must have a 3.0 average or better. Graduate students must have attained a 3.5 average or better on at least 24 hours toward the advanced degree. They must have shown promise or superior ability in carrying on advanced study and/or research directly concerned with agriculture and of making worthy contributions in their respective fields.

Gamma Theta Upsilon, honor society for students majoring in geography.

Iota Lambda Sigma, for industrial education students. No one may be initiated until he has acquired a minimum of 9 hours industrial education courses with at least "B" average.

Mortar Board, for senior women. Members are elected from students with a minimum 3.0 average for nine quarters of University studies.

Omicron Delta Kappa, for junior and senior men.

Omicron Nu, home economics students. Members are elected from the upper one-fourth of the junior class and upper one-fifth of the junior class, not to exceed 20 per cent of any given class.

Order of the Coif, for law students.

Phi Alpha Delta, for law students.

Phi Beta Kappa, the oldest national scholarship honorary society. Students in the Bachelor of Arts or Bachelor of Science in Chemistry curricula may be eligible for election to Phi Beta Kappa. Minimum requirement for membership is a grade-point average of 3.50 for 135 hours of liberal arts courses (senior election) or 3.80 for 110 hours of liberal arts courses (junior election). Transfer students must have completed 60 hours of liberal arts courses at The University of Tennessee, Knoxville, and have made the requisite average both on the hours taken at The University of Tennessee, Knoxville, and the total number of hours of liberal arts courses. In addition to the grade-point average required, students must have completed the second college year of foreign language study and one year of college-level mathematics and must rank in the upper 10 per cent of candidates for the B.A. and B.S. in Chemistry degrees in their graduating class to be eligible for election.

Phi Chi Theta, professional fraternity for women interested in a business career. Any woman student enrolled in the College of Business Administration, or specializing in business and/or economics, being at least a third-quarter freshman and having at least the all-student average, is eligible for membership.

Phi Delta Kappa, honorary professional fraternity in education connected with approved colleges and universities of graduate rank maintaining schools, colleges, or departments of education; pursuing excellence in service, teaching, and research.

Phi Delta Phi, for law students.

Phi Eta Sigma, for freshmen who have a minimum grade-point average of 3.5 the first quarter or first three quarters while carrying a full academic load. All candidates must rank in upper 20 per cent of their respective class.

Phi Kappa Phi, broadest of the national honor societies, recognizing all fields of learning. Prospective members must be seniors ranking among the upper 10 per cent of their class, with a minimum 3.0 average. Meeting these requirements does not necessarily assure election.

Phi Mu Alpha, (Sinfonia), professional music fraternity for students interested in music. Requirements: a 2.5 overall average. The main purpose of the organization is to further American music in the campus and community.

Pi Delta Phi, for French students. Prospective members must have a minimum "B-minus" average in all French courses taken.

Pi Kappa Lambda, for students in music and music education.

Pi Lambda Theta, for female education students. Open to juniors, seniors, and graduate students with a minimum 3.2 average. Membership by invitation only.

Pi Sigma Alpha, for political science students and faculty. Student members are elected solely on the basis of scholarship.

Pi Tau Sigma, for mechanical engineering students. Prospective members must be senators in the upper one-fourth of the upper one-third of their respective mechanical engineering class.

Scabbard and Blade, military science honor society for upperclassmen.

Sigma Delta Chi, professional journalistic society. Active membership shall be limited to journalism and broadcasting majors having at least a 2.3 overall grade average and having completed at least 45 hours.

Sigma Delta Pi, for Spanish students. Prospective members must have a minimum 2.75 average in all University work and a minimum 3.2 average in Spanish and must have completed a junior year in Spanish literature or be registered in the last term of such a course.

Sigma Gamma Epsilon, honor society for students in earth sciences. Membership is by invitation, based on scholarship and interest.

Sigma Pi Sigma, physics honor society for upperclass and graduate students, faculty members, and qualified alumni.

Sigma Xi, scientific research society for advanced graduate students and faculty. Prospective members must have shown noteworthy achievement as original investigators in the pure or applied science fields. Exceptionally brilliant and promising undergraduate and graduate students may be elected to associate membership.

Tau Beta Pi, for engineering students. Three students from the upper one-eighth of the class may be elected during the fall quarter of the junior year. Juniors ranking in the upper one-eighth of their class up to the end of the winter quarter may be elected during the spring quarter. The remainder of the upper one-fifth of the senior class may be elected during the fall quarter.

Sorority. They are, first of all, old friends who have known each other for years and, second, the officers of an organization that is dedicated to the service of the University. They are, in short, the backbone of the student body, and they are always ready to lend a helping hand. They are the leaders in the student world, and they are the ones who are responsible for the success of the University.
Student Affairs and Services

Office of the Vice Chancellor for Student Affairs

The Vice Chancellor for Student Affairs coordinates the various offices and departments of the University which offer assistance to students in their education and life beyond the classroom.

Office of the Dean of Admissions and Records

All matters relating to undergraduate admission to the University and to credit for work at other schools and colleges are administered by the Dean of Admissions and Records. All credit, applications for admission, and inquiries about admissions should be addressed to the Director of Admissions, The University of Tennessee, Knoxville, Tennessee 37916.

In addition to undergraduate admissions, this office has general administrative responsibilities for academic retention and reactivation activities, maintenance of student academic records, certification of completion of requirements for undergraduate degrees, registration procedures, and eligibility for athletic participation. The office also administers relations between students and the Selective Service Boards, Social Security Administration, and Veterans' Administration Affairs.

Office of the Dean of Student Conduct and Orientation

The Student Orientation Office is dedicated to helping the new student adjust to the university setting, concerning itself with general, personal, and scholastic difficulties of the student during the first year of enrollment on the Knoxville campus. The office is responsible for the summer orientation program, specifically designed for the fall-quarter new student, as well as orientation programs for freshmen and transfer students presented prior to the beginning of each quarter.

The Student Conduct Office is concerned with the individual rights and responsibilities of students. The personnel of this office serve as advisers to the student judicial system and when necessary, initiate appropriate discipline proceedings.

Office of International Student Affairs

The Office of International Student Affairs assists students from other countries with the many matters which are of particular concern to them during their stay in the United States. This office serves as the official University representative in all matters involving immigration authorities, international educational organizations, and foreign governments.

The office maintains the overseas student's official records and provides a liaison with the teaching faculty. It coordinates such projects as a community volunteer program and activities for student wives. To help the overseas student adjust to American life, its professional staff serves as ex officio advisers on personal and academic problems.

Special orientation programs are held at the beginning of each term; foreign students admitted to the University are notified in advance and are urged to arrive in time to attend them.

Non-U.S. students who are applying for Graduate School admission should write to: The Vice-Chancellor for Graduate Studies and Research, The University of Tennessee. Persons seeking undergraduate admission should apply to: Director of Admissions, The University of Tennessee. Other specific inquiries or requests for more detailed information may be directed to: Office of International Student Affairs, 201 Alumni Hall, The University of Tennessee, Knoxville, Tennessee 37916, U.S.A.

UNIVERSITY INTERNATIONAL CENTER

The "International House" is located approximately two blocks from the heart of the campus. It is provided by the University and operated by the Office of International Student Affairs. The house was first opened in February, 1969, to provide a facility where domestic and foreign students could come together to relax and discuss matters of mutual interest.

An executive committee composed of students and faculty representing all national student groups, campus student government groups, and administration oversees the operation of the House and supervises a variety of weekly programs.

Office of the Director of Student Activities

The Office of the Director of Student Activities, Suite 413 Student Services Building, Circle Park Drive, coordinates all student activities and programs. Its area of operation encompasses the University Center, the Student Aquatic Center and Recreational Facilities, Student Publications, and all other extracurricular activities of University students.

University Center

Playing a unique role in the University community, the Carolyn P. Brown Memorial University Center is a central gathering place for students, faculty, and staff as well as campus visitors.

A variety of activities and facilities is available in the newly enlarged University Center. The six upper level houses 12 automatic bowling lanes, 14 billiard tables, dark room facilities, and an arts and crafts area. These facilities are among the best in the nation for student recreational pursuits.

The expansive food service on the ground level provides the finest food available. The entrance to the large, modern, two-level book store is on Stadium Drive. Such facilities as central ticket office, day student lounge, and the post office are conveniently located on the ground level.

The first floor is the student program area. An auditorium with 575 seats, a 150-seat seminar room, meeting rooms, and four public lounges supplement the large ballroom and meeting rooms for any type of student event. Large banquettes, dances, and receptions are planned and serviced in the expansive area.

Administrative offices for the building, student programs and organizations, and additional dining facilities are located on the third floor.

The meeting rooms and services of the Center are available to all approved student groups. Requests for usage are completed with the Reservations Office. This office also maintains a campus calendar for all major events.

THE UNIVERSITY BOOK AND SUPPLY STORES

The main store, at the Stadium Drive entrance of the University Center, is the official store for the University. A tobacco and sundries shop at the Stadium Drive entrance is open 12 hours daily.

Used and new textbooks are bought and sold on the lower level of the two-level store. In addition to textbooks, a 95,000 paperback book selection, technical and reference books, and numerous study aids are available on this floor. The first floor offers a complete stock of engineering, art and school supplies, records, tapes, art prints, posters, and other items for student needs.

Small branch stores are located in Hess Hall, Presidential Court, and Andy Holt Apartments. These stores are open 6 days a week for the student's convenience.

Students benefit indirectly from their patronage of the University Book and Supply Stores since all profits are used to help support the operations and activities of the University Center and Aquatic Center. The stores are the only locations on campus where students may cash personal checks.

Office of Recreation

"Fun for Everyone" is the motto of the Office of Recreation; the primary objective is to serve students by offering many activities for their leisure time. Students are encouraged to take maximum advantage of both the program and the facilities.

STUDENT AQUATIC CENTER

The Student Aquatic Center Recreation Complex affords year-round recreation for all students. Outdoor facilities include an Olympic-size swimming pool with a diving well having two one-meter and two three-meter diving boards, and an Olympic diving tower with five, seven, and one-half, and ten meter platforms; three large areas with grass carpeting and outdoor furniture for sun bathing; tennis courts; basketball courts; paddleball/handball courts; football and softball fields; parallel and horizontal bars; volleyball and shuffleboard courts; soccer field; 440-yard Tartan track; and a nine-hole
practice putting green. Sports equipment for these facilities is issued at no charge to the student.

Indoor facilities include an Olympic-size pool with a water polo court and a diving well with one five-meter tower, four one-meter, and three three-meter diving boards. A weight room equipped with a weight machine and stall bars is available. An exercise area in the women's locker room is equipped with exercise machines. Sun lamps and sauna baths are available. Ping pong and billiard tables (slight charge for billiards) are located in the upper lobby along with a TV viewing area. Bicycles are available for rental.

All facilities of the Student Aquatic Center except swimming are available from 8 a.m. to 9 p.m. Monday through Friday, 8 a.m. to 6 p.m. Saturday, and 12 noon to 6 p.m. on Sunday.

Facilities of the Student Aquatic Center are available to students upon presentation of their ID card. Faculty and staff may purchase individual or family memberships for a nominal fee.

UT organizations may rent the Student Aquatic Center for swim parties and dances. Numerous free dances and splash parties are held during each quarter for the student's enjoyment.

INTRAMURALS FOR MEN

The Intramural Program for Men is designed for maximum student participation and offers opportunities for extensive student involvement in the actual administration and supervision of the entire activity.

The primary basis of competition is league play in which teams participate for the fun of the game. Following league competition there are division tournaments among the League Champions to determine Division Champions for Residence Halls, Fraternities, and Independents. The Division Champions then compete for the All University Championship.

The league activities include basketball, bowling, football, crosscountry, golf, handball, water polo, paddleball, racquetball, softball, swimming and diving, tennis, track relays, track and field, and volleyball.

INTRAMURALS FOR WOMEN

The purpose of the Women's Intramural Program is to provide organized sports activities for all women students including individual and dual sports, team sports, and selected sports events. The basis of competition is league play followed by division tournaments among the league champions to determine Division Champions for Residence Halls, Fraternities, and Sororities. These Division Champions then compete for the All University Championship.

Activities are badminton, basketball, bowling, football, golf, putting, innertube water polo, softball, swimming and diving, table tennis, tennis, track and field, track relays, and volleyball.

INTRAMURALS FOR FACULTY AND STAFF

The Intramural Program for Faculty and Staff is designed to provide a wide range of activities for all members of the University community. Activities are organized for both teams and individual participants. Events include badminton, basketball, billiards, bowling, golf, football, handball, paddleball, shuffleboard, squash, table tennis, tennis, volleyball, and water polo.

SPORTS CLUBS

Sports Clubs are organized when students express an interest in a certain activity or foresee needs. The Sports Club office will assist any student wishing to organize any type of sports club.

The Sports Club Office is located in the Student Aquatic Center and includes: Archery, Badminton, Bicycling, Bowling, Boxing, Canoe & Hiking, Crew, Dolphine, Equestrian, Fencing, Flying, Gocart, Gymnastics, Handball, Ice Hockey, Ice Skating, Judo, Karate, Lacrosse, Racquetball, Rugby, Sailing, Scuba, Snow Ski, Soccer, Sports Car, Table Soccer, Table Tennis, Trap & Skeet, Volleyball, Water Ski, and Weightlifting.

CO-RECREATION

The Intramural Office now offers co-recreational activities. All students, faculty and staff, and their nonstudent wives, husbands, or friends are eligible to participate, providing the students meet the eligibility requirements of the men's and women's intramural program.

The Co-Rec activities are organized as an informal program, using modified rules so that men and women can participate on an equal basis.

The activities are badminton, basketball, horseshoes, paddleball, racquetball, shuffleboard, softball, table tennis, tennis, volleyball, and water polo.

FREE PLAY

All recreation areas, Alumni Memorial Gym, and the Physical Education Building, are open to students for free play when the areas are not otherwise scheduled. One or both of these facilities are open seven days a week during the school year to offer students an opportunity for physical exercise on their leisure time. Students may check out necessary equipment at each facility upon presentation of their student identification cards. All recreation facilities are the enjoyment of students, faculty, and staff of The University of Tennessee, Knoxville.

Aquatics

The aquatic facilities are designed for year-round entertainment for those who wish to participate in free swimming and diving in the most outstanding physical complex in the United States. The Aquatic Center has indoor and outdoor Olympic-size pools where one can enjoy the fellowship and relaxation that comes with aquatic sports. The pool is open Monday through Friday from 12-9 p.m., Saturday from 12-6 p.m., and Sunday from 1-6 p.m. Students and members can also enjoy the sun lamps and relaxed atmosphere found at poolside.

National, regional, and state aquatic events have been held in these great facilities during the past nine years. The last event was the NCAA Championship meet in 1973. It was hosted on ABC Wide World of Sports.

Along with the greatest facility in the land, UT has a very prestigious aquatic program designed to meet the needs of all students who want to participate in aquatic skilled activities at no extra expense. The programs are informally organized at convenient hours after the school day is completed. These programs vary and provide for a more wholesome and dynamic future.

1. Skin and scuba diving is offered each quarter with NAUI certification, the most prestigious certification in the country. Equipment is furnished at no charge—wetsuits, tanks, regulators, snorkels, masks, and fins.
2. Lifesaving is offered to those students desiring American Red Cross certification. The course is taught each quarter, and books and materials are furnished.
3. The Water Safety Instructor course is offered fall, winter, and spring quarters with Red Cross certification. There is no charge for students, and instruction manuals are provided.
4. Beginning swimming is offered to students, faculty, and staff during the summer quarter. This course is for those who want to improve their swimming skills or want to learn to swim for the first time.
5. Beginning diving is offered to students, faculty, and staff during summer quarter. This course teaches coordination and skills on the springboard.
6. Water survival is offered to students each quarter. This program provides the student with the basic skills and safety measures for prolonged periods in the water.
7. Varsity swim team practice is held daily throughout the fall, winter, and spring quarters. Many outstanding meets are scheduled here, and the Vols consistently place high in the NCAA Championships.
8. A handicapped swim program is offered one quarter each year for those students who need special care in aquatic activities.
The University

9. Lifeguard School is offered at the Aquatic Center each quarter for special and training of all lifeguards to be hired.
10. Beginning swimming, intermediate, beginning and advanced diving, swimmer, junior lifesaving, and competitive swimming are offered to faculty and staff children fall and spring quarters. A competitive swimming course is taught winter quarter.
11. A Swim For Your Life program is offered students, faculty and staff throughout the whole year. Records are kept, and certificates awarded during certain phases of the program.
12. A Faculty Women's swim program is offered fall, winter and spring quarters for faculty and staff women.
13. Community competitive swimming programs are offered each quarter from the Aquatic Center.

We offer the students (at no charge) moonlight swim parties, water basketball, water polo, special Carousel swimming meets during the academic year, and non-competitive swimming, trampoline and mini-competition during supervised activities.

The Aquatic Center is available after hours for private and organizational parties, community aquatic programs, etc. for a fee.

Our facility has been viewed by visitors, professional and nonprofessional, from all parts of the world, who have said it is second to none in the United States. We feel that our aquatic program will measure up to any program in the nation.

Student Activities Office

An extensive program of extracurricular activities is available at The University of Tennessee, with over 200 student organizations currently functioning. Students have the opportunity to initiate and develop special interests, plan and administer all-campus programs, participate in governance organizations, and augment the academic offerings of the classroom through participation in departmental clubs and student professional and honorary organizations. The University agency charged with the development and administration of the extracurricular program is the Student Activities Office located in the University Center.

Student Health Service

Health services provided by the University are available to any student currently enrolled at the University. These services are available continuously throughout every quarter.

The Health Service has a regular staff of physicians, nurses, laboratory and x-ray technicians of Tennessee licensure. Out-patient services in the fields of general practice, internal medicine, and psychiatry are available on a full-time basis while specialty consultants in dermatology, surgery, and gynecology are available through referral by a staff physician. Care beyond that provided by the regular staff can be arranged for the student if he wishes. Those students requiring allergy injections may arrange to receive them at the Clinic. Charges are made for some services such as x-rays, lab test, injections, and minor surgery.

Regular daytime hours are posted at the Health Service building, are known to the residence halls' staff and campus safety officers and are printed in Hill Topics, the student handbook. Emergency care during evenings, weekends, and some holidays is available through the Student Health Clinic at The University of Tennessee Memorial Research Center and Hospital except during the longer breaks between quarters. Emergency transportation (including the use of an ambulance when necessary) to either campus may be obtained through campus Safety and Security. The student needing total care may have this arranged by Health Service physicians, if he chooses, in The University of Tennessee Memorial Research Center and Hospital. Because total care is sometimes needed, it is important for the student to have hospitalization insurance. Student group hospitalization insurance is available and may be purchased during a designated period at the beginning of each quarter. Health Service personnel will cooperate with the student and his family physician to continue good health practices during his university career.

Student Counseling Center

The Student Counseling Center is a service designed to help students with educational, vocational, personal, or social problems. Professional counselors work with the student in a setting that allows confidential discussion of the student's concerns. The student may concentrate on a specific problem or he may work on his general adjustment to the academic life. Psychological tests may be used for self-evaluation and information. Occupational information is available. All students, student spouses, and, to a limited extent, pre-college students are eligible for counseling. Appointments may be made by phone or in person at the Student Counseling Center, 804 Volunteer Boulevard.

The Office of Special Services

The office acts as a clearinghouse for student problems. Special advising, programs, withdrawals from the University, and coordination of the course late drop program are handled here. The office also works with the faculty and other student personnel services to develop educational programs and coordinate extracurricular projects to meet the needs of minority groups and women at the University. The office is located at 812 Volunteer Boulevard.

Student Rights and Responsibilities

By registering in the University, the student neither loses the rights nor escapes the duties of a citizen. Enjoying greater opportunities than the average citizen, the University student has greater responsibilities. Each student should conduct his personal life in a context of mutual regard for the rights and privileges of others. It is further expected that students will demonstrate respect for the law and for the necessity of orderly conduct in the affairs of the community.

Students are responsible for being fully acquainted with the University catalog, handbook, and other regulations relating to students and for complying with them in the interest of an orderly and productive community. The student handbook, Hill Topics, is published and distributed annually.

Religious Influences

The University, established by a government that recognizes no distinction among religious beliefs, seeks to promote no creed nor to exclude any. However, it will always be diligent in promoting the religious spirit and life of its students.

CHURCH CENTERS

Church centers are maintained on or adjacent to the campus for University students. These are the Baptist Student Center, John XXIII Catholic Center, Disciples' House (Christian), Westminster House (Presbyterian), Tyson House (Episcopal), Lutheran Student Center, Wesley Foundation (Methodist), Church of Christ, and Hillel Foundation.

Student Organizations

On the University campus there is a large number of student chapters of professional organizations, special interest clubs, and other extracurricular organizations. These organizations are open to all students and provide broad opportunities for student participation.

A full listing of all student organizations on the campus will be found in the annual Student Directory. All of these clubs and organizations are under the general supervision of the Student Activities Office.

Social Fraternities and Sororities

The University has chapters of 25 national social fraternities and 19 national social sororities on its Knoxville campus. Membership in these fraternities and sororities is by invitation only.

The Fraternities are:

ACACIA
Alpha Epsilon Pi
Alpha Gamma Rho
Alpha Kappa Lambda
Alpha Tau Omega
Beta Theta Pi
Chi Phi
Delta Tau Delta
Delta Upsilon
Farmhouse
In addition to the dissemination of information throughout the university community relative to opportunities for students and faculty to participate in study, research, and other related experiences abroad, the Division supports on-campus international programs, and serves as a major point of contact between the University and other public and private agencies involved in international program development. Study abroad programs sponsored through the University are coordinated through the Division, and new programs are planned with its assistance. New services include the coordination of orientation programs and charter flights. Other services include a work, travel, and study abroad consultant and a reference library containing information on work, travel, and study abroad, scholarships and fellowships, and special program information.

### Hearing and Speech Services

The Hearing and Speech Center, located at the corner of Yale Avenue and Stadium Drive, offers comprehensive diagnostic and therapeutic services to all University students with hearing and/or speech problems. This service is available to everyone regardless of ability to pay. The Center provides speech evaluations for all incoming freshmen and transfer students with diagnostic and therapeutic follow-up when warranted. It also serves as a community Hearing and Speech Center, providing a pre-school for deaf children, aural rehabilitation programs for the hearing handicapped, and speech and language pathology for persons of all ages who have been professionally referred to the Center.

### Career Planning and Placement Service

This service is engaged in two major types of activity. First, students are offered the opportunity of receiving many forms of career advising and are provided with a wide range of career literature and audio-visual materials. Second, students and alumni are given several aids for their job search process. These include on-campus interviews, job listings, employer information and address lists, a credentials service, and training in interviewing, resume writing, and other job search skills.

### Vehicle Operation and Parking

The University of Tennessee endeavors to provide adequate traffic control and parking facilities for vehicles being operated by students and staff. Large student parking areas are located on the perimeter of the campus, and the University provides an intra-campus bus system between these parking areas and the center of the campus at no cost to the student. Faculty and staff parking areas are located throughout the campus. Each person who operates a motor vehicle in connection with attendance or employment at the University must register that vehicle with the Traffic Section of the Safety and Security Division. A University Parking Authority determines the parking policy, traffic regulations, and this information is published each year in the "University Traffic and Parking Regulations." Copies of the regulations will be available at the time students and staff register their vehicles or register for classes each quarter. Additional copies may be obtained from the Traffic Section of the Safety and Security Division.

### Cultural Opportunities

Both the University and the surrounding Knoxville area offer varied cultural opportunities. Exhibits, concerts, recitals, and lectures as well as plays are available throughout the year.

### THEATRE

The University Theatres organization, under the aegis of the Department of Speech and Theatre, presents several programs of plays and films, in three theatre plants—the Clarence Brown Theatre, a two million-dollar plant containing excellent facilities for all types of theatre including excellent facilities for stage production and projection facilities; the Carousel Theatre, a unique structure specially designed for arena staging, and for conversion to open-air performances in the summer; and the Hunter Hills Theatre, a beautiful and spacious outdoor theatre plant located in the Great Smoky Mountains near Gatlinburg, in which are presented musical productions and other plays suitable for outdoor presentation.

All University students are welcome to read for parts in plays staged in all of these University theatres, and to participate in other aspects of play and film presentations.

### ART

Frank H. McClung Museum, in Circle Park, stands as a permanent memorial for "the display, preservation, and study of paintings, works of art, objects of natural history and historical objects." The museum contains five major areas of interest, including permanent exhibit of natural history illustrating the sciences and the Green Memorial Room which contains valued items pertaining to the history of Knoxville and East Tennessee. A major purpose of the museum is to provide superior teaching and research facilities for students, faculty, and staff. 

Eleanor Deane Audigier Memorial Art Collection features paintings, 19th-century furniture, rare textiles, ceramics, sculpture, and small art objects. On permanent display in the Main Library, the collection was presented to the University by Louis Bailey Audigier in memory of his wife. Christmas Art Sale is an annual affair held in early December in the McClung Museum. Faculty, students, and regional artists display modestly priced works in time for Christmas buying.

Dogwood National Invitation Art Exhibit is planned each year to coincide with the Dogwood Arts Festival. Held annually in McClung Museum, the exhibition offers a
cross section of the world of art. In 1966, the University Center, in cooperation with the UT art department, inaugurated a program in which the University Center purchases works from this annual art exhibit. These works then become a part of the Ralph E. Dunford Permanent Collection, housed and exhibited in the University Center.

Clothesline Art Show, which is held in the spring each year, displays student art work. The works of art, which are for sale, are exhibited on one of the terraces of the University Center.

Art Auction, held in Carousel Theatre each spring, is a means of raising scholarship funds for art students. Original works of leading local and national artists as well as those of outstanding students in the art department, are auctioned to the public. There is a nominal admission charge and unique door prizes are given throughout the auction.

MUSIC

UT Choral Groups consist of five choirs and glee clubs, all of which are outstanding. The UT Singers, the Women's Glee Club, Madrigal Singers, Vo! Chorus, and the UT Chorus perform in choral concerts in the Knoxville area. These choirs are open to all students by audition.

UT Singers are known as the University's "Good Will Ambassadors." Among the many projects of this group are the annual state-wide tour each spring, and tours abroad on alternate years. The Singers have in the past been the musical company for all Hunter Hills Theatre productions.

UT Opera Workshop presents three performances yearly. The varied program of operatic music ranges from one-act to complete three-act operas with symphonic accompaniment and from television opera to selected scenes from the classic repertory.

UT Bands. UT's marching band, celebrated as "The Pride of the Southland," presents outstanding entertainment on football Saturdays at both home and out-of-town games.

During winter and spring quarters, the band is divided into two concert groups which tour the South: a variety or pep band that performs at basketball games, and the laboratory group which provides valuable training for its members.

Requests for information on scholarships and memberships should be sent to the Director, Pride of the Southland Band.

Fine Arts Presentations, scheduled under the auspices of the Department of Music, consist of a series of Faculty Recitals which feature vocal and instrumental music and of Student Recitals presented by upperclass and graduate members of the music department in partial fulfillment of degree requirements. Scottish Rite Masonic Chair of Choral Art brings to the Knoxville area a distinguished conductor and/or composer in the field of choral art who serves as guest lecturer at a University workshop.

The Grace Moore Collection. After the death of opera star Grace Moore, a native of East Tennessee, her family donated to the University a large collection of memorabilia which is now on display in the Main Library.

CONCERTS

There are two committees on campus charged with the responsibility of providing the University community with the finest names in popular and cultural programs. Campus Entertainment Board. This student and staff committee has the exclusive responsibility to sponsor popular entertainment on campus through a major concert series, a mini-concert series and the much smaller Guest Artist series.

Cultural Attiretism Committee. A student, faculty and staff committee, this group is responsible for the presentation of programs in the arts to include dance, music and theatrical production.

LECTURES

Each quarter the Lecture Committee presents programs around a current issue. The program is centered around speakers who are considered experts and represent diverse points of view on the designated topic.

BROADCASTING

WUOT, the University's 100,000-watt radio station, broadcasts fourteen hours each day to all of eastern Tennessee and portions of adjacent states. WUOT is primarily a fine music station, featuring the full repertoire of the world's great music. Musical programs are supplemented by broadcast versions of great plays, by many documentary programs on contemporary problems, and by university-level discussion and exposition.

Annual Faculty Phi Kappa Phi Lectures


Athletics

The University encourages athletics as a part of its educational program, with all intercollegiate sports directed and controlled by the Department of Athletics.

Teams have been organized in football, crosscountry, basketball, baseball, swimming, tennis, track, wrestling, and golf. Intercollegiate varsity and junior varsity games are played under the rules of the Southeastern Conference, of which organization the University is a member.

Eligibility to participate is determined by the University faculty and the Southeastern Conference.

The Department of Physical Education and Recreation provides intramural sports as a recreational opportunity for all students not actively engaged in intercollegiate athletic competition.

NEYLAND STADIUM

Neyland Stadium, the University's football stadium, was named in memory of the late General Robert R. Neyland, long-time football coach and athletics director. Shields-Watkins Field, the football field, is named in honor of William S. Shields, former member of the University Board of Trustees, and his wife. The stadium, built and developed by the Department of Athletics over a period of years, can presently accommodate 70,650 spectators.

STOKELY ATHLETICS CENTER

The hub of the University's sports program is Stokely Athletics Center, which houses a 12,700-seat basketball arena and a fine indoor track. Also located here are coaches' offices, dressing rooms for all sports, and a Hall of Fame room.

OTHER FACILITIES

The University is proud, too, of its Tom Black Track, host to regional and national meets and built to Olympic specifications. The Student Aquatic Center, with its indoor and outdoor Olympic-size pools, separate diving pools, water polo court, sauna baths, and extensive exercise facilities, is a top spot of interest on the campus. Hudson Field, newly remodeled baseball field and stadium seating 1,500 fans in addition to providing dugouts and press box facilities, is one of the best complexes in the conference.

Student Publications

A number of student publications are printed during each school year to serve as sources of information for new students, to report the many events of interest to the campus community, and to record the year's activities.

The Daily Beacon, student newspaper, The Volunteer, yearbook of campus activities, and The Phoenix, quarterly literary magazine, are sponsored by The University of Tennessee Publications Board.

Other student publications are: Sorority Scope, published annually by the Panhellenic Council, to provide information about the sororities at the University.

IFC Rush Brochure, published annually by the Inter-Fraternity Council, to acquaint male students with the fraternities.

The Tennessee Engineer, published quarterly by students and faculty of the College of Engineering, to inform students and alumni of progress in the engineering field.

The Tennessee Farmer, published quarterly by the College of Agriculture Student-Faculty Council, for those students and alumni interested in developments in agriculture.

The Tennessee Law Review, published quarterly by students of the College of Law.
Traditions

Traditions play an important part in the life of a University student by recalling the history and heritage of the past, and by setting examples for future achievements. For instance, the Volunteer Symbol, spirit of the State and the University, is ever present during the student's campus life. This traditional symbol admonishes would-be leaders to hold their "torch" high, shadowing themselves to give light to others. It is this symbolic "Torch" which first gives the new student a glimpse of one of the many traditions at the University.

But traditions at the University may be lighthearted as well as serious. Among the less serious traditions are three annual all-student productions which have become part of the University way of life. These are the noisy, bustling Homecoming, the lilu and melody of All-Sing, and the spangle and wit of Carnicus.

Homecoming is a time when former students return to the University to visit and to renew old friendships. This is also the time when alumni want an excellent opportunity to interact and see what students are saying and doing.

All-Sing, begun in the early 1930's to encourage interest in harmony groups, features outstanding singing groups representing campus organizations. Carnicus, which began as a parade and presentation of a Carnival Queen, has evolved through the years to the present form of competitive skits put on by student campus organizations. This entertainment event features skits chosen for their humor, continuity, and perfection of presentation.

The Memorial Research Center and Hospital

The University of Tennessee Memorial Research Center and Hospital is a modern medical facility located just off the Alcoa Highway in Knoxville. The 520-bed general hospital provides patient care and training programs for interns, residents, senior medical students, nurses, medical technologists, x-ray technicians, and auxiliary health personnel. Out-patient services are furnished to both area residents and University of Tennessee students. A modern medical library is available for student and physician use. The Research Center conducts an active and vigorous research program that centers on hematological and oncologic problems. Excellent facilities for animal and laboratory experimentation are available. Postgraduate studies are pursued in cooperation with other life-science departments of the University. Special clinical investigations and the testing of experimental drugs involve both research and hospital staff and facilities. A continuing seminar and conference program presented by hospital and research staff and visiting lecturers serves to acquaint local medical and life-science workers with the most recent scientific developments.

University Publications

The various colleges, departments, and continuing education units composing the University issue many publications dealing with their educational, research, and public service programs. In addition, several publications are issued on a University-wide basis.

Two periodicals are published on a University-wide basis. The University of Tennessee Record includes the General Catalog, Graduate School Catalog, Report on Research and Publications, Pictorial Record, and other publications of a record nature. The Torchbearer, issued four times a year, contains news of campus, and other information about UT's teaching, research, and continuing education activities and is distributed to alumni, faculty and staff, and friends of the University. Other publications on programs of the institution may also be issued on a University-wide basis in response to requests of the various colleges, departments, and continuing education units. All of the publications are for free distribution.

University publications are under the general supervision of The University of Tennessee Publications Committee appointed by the President of the University. The operating office for this committee is the Publications Service Bureau, located in the Communications and University Extension Building. Technical services of the Publications Service Bureau are offered to all colleges, departments, and other units of the University needing assistance with publication design, artwork, copyreading, editing, proofreading, and preparing specifications for printers. These services assist University departments in issuing the highest quality of publications possible within their printing budgets.

Learning Research Center

Recognizing that the learning process is exceptionally complex, the University established the Learning Research Center in 1964. Its primary purpose is to encourage faculty members to utilize the results of research in creating arrangements and conditions for learning.

The Learning Research Center publishes the Teaching-Learning Issues quarterly which circulates throughout the University system and on other campuses across the nation.

The University of Tennessee Press

The University of Tennessee Press is the institution's agency for the publication of scholarly books and monographs, nonfiction works of general and regional interest, and specialized textbooks for Tennessee and the Southeast. Manuscripts are solicited from University personnel and other authors. The Press imprint is controlled by an Editorial Board, to which recommendations are made by the Director acting with the counsel of scholarly appraisers, and the books are distributed on a sales basis. The Press office is located in the Communications and University Extension Building.

Computing Center

The University of Tennessee Computing Center (UTC) provides computing facilities for the academic community of the University. It is intended for use by all academic staff whose work requires a modern computational facility and all students whose course work or research entails the use of computer methods.

Both timesharing and batch processing are offered through the Center's IBM 360/65. In addition to the usual peripheral devices, a plotter is available for graphical output. The administrative offices and the majority of the programming staff are housed in William B. Stokely Center for Management Studies.

Consulting services are available for students and faculty engaged in educational or research projects which utilize the computer facilities. Various non-credit short courses in computer programming and utilization are offered, free of charge, throughout the year. The Computing Center also publishes a User's Guide which describes in detail the facilities and programming systems available at UTCC. Further information about UTCC can be obtained through the administrative offices of the Computing Center.
The Graduate School

Hilton A. Smith, Vice Chancellor for Graduate Studies and Research
Margaret N. Perry, Dean for Graduate Studies

The University of Tennessee, Knoxville offers a graduate program which is one of the largest and most comprehensive to be found in the nation. Courses of study leading to Master’s degrees are available in almost all colleges and schools. The University’s present doctoral programs were initiated about thirty years ago, and have expanded rapidly, with Doctor’s degrees presently offered in fifty areas. Additional fields are being added as warranted by expanding faculty and facilities.

The principal aim of the Graduate School is that of education beyond the Bachelor’s level through advanced courses, seminars, and research. The total resources of the University are made available to graduate students through its various colleges, schools, and special services. Each student is expected to take full advantage of the opportunities offered in the field of study and to maintain a high quality of achievement in the various phases of the program. To assist the student, certain procedures and regulations are described in subsequent paragraphs. These are formulated by the Graduate Council and administered by the Vice Chancellor for Graduate Studies and Research. The program of an individual student may be quite flexible but should still remain within the framework of the degree programs approved by the Council. Each student should be acquainted with the rules and procedures, as well as with any special requirements of individual colleges or departments.

General Information

Knoxville Campus: The main and most varied offerings of the Graduate School are available. Advanced study at both the Master’s and Doctor’s level is provided in almost every college. More limited opportunities may be found at other locations as indicated below. Complete information concerning the Graduate School may be found in the Graduate Catalog, copies of which may be obtained by writing to: Vice Chancellor for Graduate Studies and Research, The University of Tennessee, Knoxville, Tennessee 37916.

The University of Tennessee Space Institute: Opportunities for graduate study and research leading to the degrees of Master of Science and Doctor of Philosophy in areas of engineering and science, particularly pertinent to aerospace technology, are offered by the Space Institute located near the Arnold Engineering Development Center, Tullahoma, Tennessee. Course work and research work in related areas of environmental pollution control, earth resources, energy conversion, materials and systems and simulation are also available. Formal course work toward graduate degrees is provided at the Institute and at the Knoxville campus. The close Institute-Center relationship provides unique facilities and opportunities for research work in aerospace technology. Further information concerning the Institute may be obtained from the Dean, The University of Tennessee Space Institute, Tullahoma, Tennessee 37388.

Kingsport University Center: The University of Tennessee offers at Kingsport resident graduate programs in science, engineering, and business at both the Master’s and Doctor’s level. The program is operated within the policies set by the Graduate Council of The University of Tennessee and is administered by the Vice Chancellor for Graduate Studies and Research. It is coordinated with the graduate and undergraduate offerings of East Tennessee State University.

Students who enroll in this program must be admitted to the Graduate School of The University of Tennessee either as degree candidates or non-degree graduate students. Information and appropriate application forms may be obtained by writing to: Director, Kingsport University Center, The University of Tennessee, P. O. Box 9, Kingsport, Tennessee 37662.

Oak Ridge Resident Graduate Program: The Graduate School, in cooperation with the Oak Ridge Associated Universities and Union Carbide Corporation, offers a graduate study program at Oak Ridge. Programs leading to the Master’s degree in business administration, industrial education and statistics and to the Master’s or Doctor’s degree in the biological sciences, chemical and metallurgical engineering, chemistry, engineering science, mathematics, management, and physics are available. Information regarding these programs may be obtained by writing to: The University of Tennessee Graduate School, Post Office Box 117, Oak Ridge, Tennessee 37830.

Radiation Biology: A graduate major in the field of radiation biology leading to the M.S. and Ph.D. degrees is offered through the Institute of Radiation Biology. On the Institute staff are scientists from the Departments of Biochemistry, Botany, Chemistry, Microbiology, Physics, Zoology, the Memorial Research Center, and the UT-AEC Agricultural Research Laboratory of The University of Tennessee, the Biology and Ecology Physics Divisions of the Oak Ridge National Laboratory, and the Medical Division of Oak Ridge Associated Universities. Areas of specialization include biochemistry, biophysics, cytology, ecology, electron microscopy, embryology, entomology, genetics, hematology, immunology, microbiology, molecular biology, oncology, parasitology, pathology, physiology, and tissue culture.
School of Social Work: The University of Tennessee offers a fully accredited two-year program leading to the degree of Master of Science in Social Work, with programs in Nashville, Knoxville, and Memphis. The program is designed to prepare personnel for positions in family and child welfare agencies, psychiatric social work, school social work, medical social work, social group work, social welfare administration, community organization, corrections, rehabilitation, and service to the aging. Professional skills may be concentrated in the areas of social work treatment, and social welfare administration and planning.

Information regarding admission and programs may be obtained from the Dean of the School of Social Work, The University of Tennessee, P.O. Box 8820, Knoxville, Tennessee 37916.

Chattanooga Engineering Graduate Program: The University of Tennessee, Knoxville, offers a program of graduate work at Chattanooga leading to the Master's degree in the areas of engineering. Courses are given at The University of Tennessee at Chattanooga in the late afternoons and evenings. Students who enroll in this program must be admitted to the Graduate School of The University of Tennessee, Knoxville, either as degree candidates or unclassified graduate students.

Information concerning this program may be obtained from the Director, Chattanooga Engineering Graduate Program, The University of Tennessee at Chattanooga, Chattanooga, Tennessee 37401.

The University of Tennessee—Oak Ridge Graduate School of Biomedical Sciences: The University provides at Oak Ridge, Tennessee, a program leading to a Ph.D. degree in various areas of biomedical sciences. Advanced graduate students will have the opportunity to study and do research in conjunction with the Biology Division of the Oak Ridge National Laboratory.

Information concerning this program is available from the Director, The University of Tennessee—Oak Ridge Graduate School of Biomedical Sciences, Biology Division, Oak Ridge National Laboratory, Box Y, Oak Ridge, Tennessee 37830.

ASSISTANTSHIPS AND FELLOWSHIPS

Non-Service Fellowships supported by the University are awarded on the basis of ability and without regard to the field of study of the candidate. Successful applicants will need better than an overall 3.0 grade point average and high Graduate Record Examination scores. The normal deadline for receipt of completed applications is February 18. Fellowships or traineeships in special areas are sometimes supported from non-University sources. Information concerning these fellowships, as well as application blanks, may be obtained from the Fellowship Assistant, the Graduate Office.

Graduate assistantships and additional fellowships are offered through many departments of the University. The stipends usually carry remission of tuition and fees. Information concerning these opportunities and appropriate application forms may be secured by writing to the head of the department in which the student expects to do his major study.

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<th>Degrees Available</th>
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<td>(Majors and minors are available only in departments checked)</td>
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<th>DEGREE</th>
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<td>Intercollegiate</td>
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<tr>
<td>Aviation Systems</td>
<td>M.S.</td>
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<tr>
<td>Biomedical Sciences</td>
<td>M.S., PH.D.</td>
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<td>Ecology</td>
<td>M.S., PH.D.</td>
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<td>Organizational Psychology</td>
<td>M.S., PH.D.</td>
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<td>Planning</td>
<td>M.S.P.</td>
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<td>Water Resources Development</td>
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<td>College of Agriculture</td>
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<td>Agricultural Biology</td>
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<td>Agricultural Mechanization</td>
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<tr>
<td>Animal Science</td>
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<td>Food Technology and Science</td>
<td>M.S.</td>
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<td>Forestry</td>
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<td>General Agriculture</td>
<td>M.S.</td>
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<tr>
<td>Ornamental Horticulture and Landscape Design</td>
<td>M.S., PH.D.</td>
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<td>Plant and Soil Science</td>
<td>M.S.</td>
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<td>Rural Sociology</td>
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<td>Wildlife and Fisheries Science</td>
<td>M.S.</td>
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| College of Business Administration |
| Accounting |
| Economics | M.B.A., D.B.A. | X |
| M.A.C.T., M.A. | X |
| M.B.A., M.S., PH.D. | X |
| M.B.A., D.B.A. | X |
| M.B.A. | X |
| M.B.A. | X |
| D.B.A. | X |
| Management Science |
| Marketing |
| Office Administration |
| Real Estate and Urban Development |
| Statistics |
| Transportation |
| Transportation and Logistics |

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<tr>
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<td>2-Former Professors</td>
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<td>3-Obtain special forms from Graduate School</td>
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*For Ph.D. applicants only.
**American students only.
*Offered also at Oak Ridge and Kingsport.
*Offered only at UT Space Institute.
# Degrees Available

(Majors and minors are available only in departments checked)

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*For Ph.D. or Ed.D. applicants only.
**For international students only.
***American students only.
*Offered also at Oak Ridge and Kingsport.
Offered also at the Space Institute, Tallahassee.
Interdisciplinary option offered in each department.
Departmental doctoral option offered under the major of Home Economics.
### College of Liberal Arts

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### School of Library and Information Science

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<th>A.T.G.S.B.</th>
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**Graduate School of Biomedical Sciences (193)**

**Daniel Billen, Director**

**Full-Time Faculty**

Professor: D. Billen (Director), Ph.D. Tennessee.

Associate Professor: F. H. Garrett, Ph.D.; H. D. Purdew, F. D. Hamilton, Ph.D.; Pittsburgh; D. E. Ollins, Ph.D. Rockefeller.

Research Assistant Professor: C. T. Hadden, Ph.D. Washington.

The University of Tennessee—Oak Ridge Graduate School of Biomedical Sciences, established in 1966 under the joint auspices of The University of Tennessee and the Biology Division of Oak Ridge National Laboratory, is a novel venture in scientific graduate education. The National Laboratory, one of the three installations operated at Oak Ridge by Union Carbide Corporation for the United States Atomic Energy Commission, is a well-known center of basic research in biology, chemistry, physics, mathematics, metallurgy, health physics, and ecology. The school utilizes the staff and facilities of this large federal research institute, thus bringing directly into the mainstream of full-time graduate study in the life sciences the talent and experience of that staff, as well as the most advanced research methods.

The program of study, which incorporates a high faculty-to-student ratio, is based on intensive graduate courses supplemented by tutorial instruction, participation in a wide variety of seminars, and a heavy emphasis on research training and independent study. The program encourages and requires students, through individual initiative and self-discipline, to pursue graduate studies to the limits of their abilities.

The school is not departmentalized and apart from certain basic requirements, each student's curriculum is planned to meet his individual needs, with the aim of giving: (1) strength in the basic sciences; (2) perception of the biomedical sciences as a whole; and (3) experience and training in a chosen specialty.

Students work in a four-year Ph.D. program in close association with senior staff members of the Biology Division and full-time University personnel located in Oak Ridge in the
Graduate School of Library and Information Science (620)

Gary R. Purcell, Director

The Graduate School of Library and Information Science provides a library education program at both the graduate and undergraduate levels, leading to the preparation of librarians for work in all types of libraries. The program is to help meet the manpower needs of the State of Tennessee. The programs of study of this School include a graduate curriculum leading to the degree of Master of Science in Library Science and an undergraduate program which allows for a minor in either the College of Education or the College of Liberal Arts.

The Undergraduate Program

The undergraduate library education program leads to a minor in the College of Education or the College of Liberal Arts. Students in other colleges may elect a minor in library science with the approval of their faculty advisors. The undergraduate minor is planned for the following groups of people: (1) Students preparing for positions as school librarians in elementary and secondary schools; (2) Students who wish better acquainted with books and other instructional materials; (3) School administrators who wish to select the place of the library in the instructional program; (4) Students preparing for the graduate program in library education; (5) Persons seeking a position at the level of Library Associate as described in the manpower policy of the American Library Association. The minimum requirements for a full-time position as school librarian in the State of Tennessee (both elementary and secondary) can be met through fulfilling the requirements for teacher certification and completion of the following library courses: 3510, 3520, 3530, 4140, 4150, 4270, 4330, and 4750.

The Graduate Program

The objective of the program is to prepare individuals to assume a role in the libraries and information centers of today and the future. Students are exposed to various ideas about the role of libraries and information centers in society and the processes by which knowledge is communicated through the medium of the graphic record. Students acquire a familiarity with the bibliography and the literature of various subject fields. They are expected to develop the ability to evaluate and use various types of print and non-print materials and are also introduced to current concepts of the management of library operations and services. The basic professional core curriculum, designed to provide sound foundations in principles applicable to all types of libraries, is augmented by elective choices within library and information science as well as other disciplines represented in the university community. For further information write for a Graduate School Catalog.

UNDERGRADUATE

3510 Books and Related Materials for Children (3) Readings based on materials suitable for children in leisure time or classroom use with criteria for selecting books, magazines, recordings, films, and related materials; story-telling and other devices for encouraging reading. Undergraduate credit only. Prereq: Admission to teacher education or junior standing. (Same as Educ. C & I 3510.)

3520 Books and Related Materials for Young People (3) Basically same approach as 3510, but adapted to needs and interests of teenagers. Undergraduate credit only. Prereq: Admission to teacher education or junior standing. (Same as Educ. C & I 3520.)

3530 Books and Related Materials for Adults (3) Principles of materials selection, selection aids, annotations, book reviews, evaluation of adult books in various subject areas. Undergraduate credit only. Prereq: Admission to teacher education or junior standing.

4140 Libraries and Librarianship (3) Historical development of libraries in society and their role and significance in twentieth century; career aspects of librarianship; professional ethics and associations.

4150 School Library Administration (3) Objectives, functions, and place of school library; relationship to local and state services; cooperative planning for quarters and materials; evaluation. (Same as Educ. C & I 4150.)

4270 Organization of Library Collections I (6) Acquisitions, cataloging and maintenance of library collections.

4330 Introduction to Reference Materials (3) Basic information sources and services for all libraries.

4750 Audiovisual Methods and Techniques (3) (Same as Educ. C & I 4750 and Vocational-Technical Education 4750.)

GRADUATE

5000 Thesis

5110 Problems in Library Science (3)
5120 Problems in Library Science (3)
5130 Problems in Library Science (3)
5140 Research Methods in Library Science (3)
5260 Subject Reference and Bibliography (3)
5270 Sources and Services for the Social Sciences (3)
5280 Sources and Services for the Natural Sciences (3)
5290 Sources and Services for the Humanities (3)
5240 Organization of Library Collections II (3)
5250 Government Publications I (3)
5260 Government Publications II (3)
5270 Legal Bibliography (3)
5300 Library Management (3)
5310 Library Systems and Services (3)
5320 Library and Information Networks (3)
5330 Academic Libraries: Seminar (3)
5340 Public Libraries: Seminar (3)
5350 School Libraries: Seminar (3)
5360 Technical Libraries and Information Centers: Seminar (3)
5370 The Library in the Community (3)
5400 Library Facilities (3)
5500 Principles of Materials Selection (3)
5510 Multimedia Resources in Libraries (3)
5520 History of Books and Printing (3)
5530 Contemporary Publishing (3)
Graduate School of Planning (782)

J. A. Spencer, Director

Professors:

Associate Professors:
J. A. Spencer (Director), M.C.P. Ohio State; K. B. Kenney, Ph.D. North Carolina; R. L. Wilson, M.R.P. North Carolina.

The Graduate School of Planning offers a two-year graduate course leading to a degree of Master of Science in Planning.

The purpose of study is the education of professional planners, competent to handle positions of increasing technical and administrative responsibility. Graduates are candidates for positions in the federal, regional, city, county, and metropolitan area planning agencies; in local, state, and federal agencies concerned with physical, economic, and administrative planning; in private business and organizations dealing with urban problems; and in private consulting practices.

The school, located in Knoxville, is in an excellent position to draw on the knowledge of the nation's leading planning and architectural schools and agencies.

The Field of Planning

Planning is one of the challenging techniques by which modern man seeks to harness new methods and technologies in urban growth, economic development and redevelopement, housing, and transportation. Planning seeks to improve not only the physical but also the economic and social environment of the individual. Through the use of public policies and through maximum cooperation between private economics and public purposes, it seeks to increase the opportunity of the individual; to better his chances for a decent job and a decent home in a community of which he is proud. Planning, in short, attempts to present urban and rural environment as the best of all possible worlds.

The planner can expect a challenging, sometimes frustrating, but always rewarding career.

Planning is a rapidly evolving field, but at present it is chiefly concerned with two general areas. Regional and state planning is concerned primarily with economic and resource research, the forces that generate economic growth, and the ways in which state and regional resources can be organized to generate area development. Urban planning is concerned primarily with understanding the urban environment, the social and economic forces that affect it, and the administrative and technological means by which it may be guided.

Graduate Education in Planning

The curriculum is organized on a basis of six quarters, or 72 credit hours, including a nine-credit thesis. The curriculum provides the student with core courses in planning theory, methods, and techniques, and also takes advantage of rich offerings at The University of Tennessee in related fields such as government, economics, geography, civil engineering, and sociology.

The course of study ordinarily requires two years, with a work internship during the summer between the two years. However, students entering the school with previous planning experience have an option of taking six consecutive quarters of study, utilizing the summer period. Planning courses as well as related courses will be offered during the summer period.

The purpose of this is to serve the needs of those planners now in the field, who wish to acquire their professional degree but who can spare only the minimum amount of time from their jobs because of financial or family considerations. By going to school for six consecutive quarters they do not face the problem of having to move their family during the three-month period between school years.

Entering students follow a suggested program of courses which provides training in the basic elements of planning. These include studies in theory, history, analytical methods, design, and legislation, as well as related courses in government, geography, sociology, and economics. Students in the latter quarter of the first year, and in the second year, have the option of pursuing studies in an urban concentration or a regional concentration. They are permitted to pursue particular interests through the choice of electives approved by the Graduate School of Planning. Practice in research and analysis on a particular planning problem or topic is obtained through the preparation of an individual thesis. A comprehensive written examination on previously taken graduate course work will be given to students who have finished their first year of study and before they have finished their second year of study. An oral examination will be given on the thesis subject prior to graduation.

Faculty

Core planning courses are taught by the full-time faculty of the Graduate School of Planning. Related courses are taught by other specialists drawn from the University faculty. In most instances these are senior faculty members. In addition, the services of experienced professional planners in TVA and other public and private organizations are called upon to broaden the scope of the students' understanding. A variety of outside speakers and seminar leaders provides insight into particular problems of significance to planners.

Graduate School of Social Work (905)

Ben P. Granger, Dean
Robert C. Bonovich
Branch Director, Nashville
Edward J. Pawlak,
Branch Director, Knoxville
Mary A. Hopkins,
Branch Director, Memphis

Professors:
B. P. Granger (Dean), Ph.D. Brandeis; M. H. Bloch, M.S., Ohio State; R. C. Bonovich, D.S.W. New York University; St. Louis; G. W. Fryer, Ed.D. Columbia; E. Orzech (Emeritus); M.S., Western Reserve; A. J. Robins, M.S.W. Carnegie Institute of Technology; S. W. Spencer (Emeritus), M.S., New York School of Social Work; M. A. Sítës (Emeritus), A.M. Pennsylvania.

Associate Professors:

Assistant Professors:
L. M. Beasley, M.S.S.W. Tennessee, W. J. Bail, M.S.W. Michigan, G. E. Bowen, M.A. George

On leave

UNDERGRADUATE

4100 Introduction to Planning (3) History of planning, familiarization with operations of contemporary planning, concept of systems, current trends and issues. Evaluation of the relationship between planning and society in which it occurs.

4200 Planning Communications (1) Graphic, oral and written communication of information and recommendations.

GRADUATE

5000 Thesis
5100 Theory of Planning (4)
5130 Planning Research Methods I (3)
5135 Planning Research Methods II (3)
5160 Planning and Utilities (3)
5230 Urban and Site Design (2)
5270 Planning and Transportation (3)
5280 Planning Methods (5)
5300 Regional Planning (3)
5310 State Planning (3)
5340 Implementation (3)
5350 Urban Spatial Structure (2)
5360 New Towns (2)
5370 Social Planning (3)
5380 Housing (2)
5410-20-30 Special Topics in Planning (1-3, 1-3, 1-3)
5440 Legislation and Land Use Controls (4)
5450 Urban Renewal (2)
5500 Synthesis (9)
The University of Tennessee School of Social Work is a fully accredited, two-year graduate professional school, with a program leading to the degree of Master of Science in Social Work. Founded in 1942, the School is a charter member of the Council on Social Work Education and was initially accredited by its predecessor, The American Association of Schools of Social Work.

The School's objectives are to prepare students for competent and responsible social work practice; to assist social welfare agencies and staffs; to increase the quality and quantity of service through the provision of special courses, institutes, and workshops; to provide appropriate educational experiences for students preparing for related fields; to advance standards of professional practice, particularly in this region, through collaboration with social welfare agencies and educational institutions.

The full two-year curriculum is offered both at the University's Nashville Center and on the Knoxville campus. In addition, the first-year curriculum is offered in Memphis with resident full-time social work faculty and the use of the University's campus resources in that city.

The two-year graduate program qualifies students for positions in public and voluntary social service agencies including family and child welfare, medical and psychiatric social work, social group work, social welfare administration, community organization, corrections, rehabilitation, and services to the aging.

The Graduate School of Social Work publishes its own catalog. All inquiries concerning admission to the School of Social Work should be addressed to Vice Chancellor for Graduate Studies, University of Tennessee, Knoxville, Tennessee 37916.

Courses

- **5000 Thesis**
- **5070 Social Work Research I (3)**
- **5080 Social Work Research II (2)**
- **5081 Evaluative Research in Social Work (3)**
- **5082 Practicum in Social Work Research (3-9)**
- **5083 Directed Readings in Research (2-4)**
- **5090 Special Problems in Social Work (2-9)**
- **5110 Social Welfare Policy and Services I (3)**
- **5120 Social Welfare Policy and Services II (3)**
- **5161-62 Social Welfare Seminars (2, 2)**
- **5201 Social Interaction: Structure and Process (3)**
- **5210-20 Human Behavior and Social Environment I and II (3, 3)**
- **5230 Human Behavior and Social Environment III (3)**
- **5290 Special Accelerated Program in Social Work (15)**
- **5310 Human Behavior and Social Environment (2)**
- **5311 Imaginative Perspectives on the Human Condition (2)**
- **5410 Social Work Practice I (3)**
- **5420 Social Work Practice II (3)**
- **5430 Methods of Social Work Practice III (4)**
- **5460 Social Casework IV (3)**
- **5470 Social Casework V (3)**
- **5560 Social Group Work IV (3)**
- **5570 Social Group Work V (3)**
- **5600 Community Organization in Social Work (2)**
- **5661 Community Organization IV (3)**
- **5670 Seminar in Community Organization (3)**
- **5701 Administration in Social Work (2)**
- **5702 Organizational Design of Social Welfare Agencies (3)**
- **5741 Supervision in Social Work (2)**
- **5742 Consultation in Social Work (2)**
- **5761 Social Work Administration IV (3)**
- **5762 Seminar in Social Welfare Administration (3)**
- **5771 Information Processing and Decision Making in Social Welfare (3)**
- **5772 Financial Management for Social Welfare Administration (3)**
- **5800 Services in Children's Institutions (2)**
- **5801 Social Casework Practice (2-3)**
- **5802 Social Group Work Practice (2-3)**
- **5812 Organizational Perspectives in Juvenile Justice (2)**
- **5820 Social Aspects of Illness (2)**
- **5825 Social Work with Alcohol and Drug Abuse (2-3)**
- **5826 Social Work in Marital Adjustment (2-3)**
- **5830 Law and Social Work (2-3)**
- **5860 Social Gerontology (2-3)**
- **5865 Implications for Social Work Practice of Roles of Women in Society (2)**
- **5870 Issues and Problems in Social Welfare (2)**
- **5880 Administration and Community Organizing in Social Work (2)**
- **5890 Social Aspects of Children's Behavior (2)**
- **5910-20 Field Practice (3, 4)**
- **5930-40-50-60 Field Practice (4, 4, 8, 4)**
- **5961 Integrative Seminar (2)**
- **5970 Outcomes in Social Work Practice (3)**
- **5980 Practicum in Governmental Social Welfare Policy Making (2-3)**

Water Resources Development (991)

Floyd C. Larson, Director, Water Resources Research Center

Specific requirements for admission to this program are a Bachelor's degree in law, engineering, or one of the physical or social sciences from an accredited college or university, and evidence of ability to do work of graduate quality, as ascertained by undergraduate records. Also considered will
be work record, if any, and letters of recommendation. The general policies and requirements of the Graduate School apply to this program.

The degree of Master of Science requires 45 quarter hours of graduate studies, including 9 hours of thesis work. The exact curriculum of each student is decided in consultation with a faculty committee, depending on the student's background and field of interest. If the student's undergraduate work has, in the opinion of the faculty committee, sufficient training and education in one or more of the required courses, the student may substitute other elective courses. Electives will consist of advanced work in the student's specialty or in a related field.

**UNDERGRADUATE**

3410 Principles of Ground Water Geology (3) (Same as Geology 3410.)
3420 Geohydrology (3) (Same as Geology 3420.)
3565 Introduction to Public Administration Organization and Management (4) (Same as Political Science 3565.)
4110 Managerial Economics (3) (Same as Economics 4110.)
4810 Water Law (3) (Same as Environmental Engr. 4810 and Law 8975.)

**GRADUATE**

5000 Thesis
5130 Planning Research Methods I (3)
5160 Planning and Utilities (3)
5200 Water Resources Systems (3)
5330 Descriptive Hydrology (3)
5340 Hydrology of Agricultural and Forest Lands (3)
5410-20-30 Interdisciplinary Seminars (3, 3, 3)
5510 Development and Management of Small Watersheds (3)

**Space Institute**

Charles H. Weaver, Dean

**Aviation Systems (169)**

Professors: B. H. Goethert (Dean), Ph.D. Berlin; G. W. Braun (Emeritus), Ph.D., Goettingen; L. W. Crawford, Ph.D. Cincinnati; W. Frost, Ph.D. Washington (Seattle); A. A. Mason, Ph.D. Tennessee; M. K. Newman (Emeritus), Ph.D. Columbus; F. Shahrokhi, Ph.D. Oklahoma; R. S. Sleeper, A.M. Harvard; M. A. Wright, Ph.D. Wales; J. M. Wu, Ph.D. California Institute of Technology; R. L. Young, Ph.D. Northwestern.

Associate Professors: S. N. Chaudhuri, Ph.D. Indian Institute; L. B. James, M.S. Southern California; S. C. Roberts, M.S. Cranfield; J. D. Troilinger, Ph.D. Tennessee.

Assistant Professors: K. R. Kimble, Ph.D. Ohio State; R. H. Kohl, Ph.D. Ohio State.

The University of Tennessee Space Institute offers this program leading to the Master of Science with a major in Aviation Systems. The Aviation Systems program is designed for those who possess bachelor's degrees in engineering or science and who wish to study under a "systems philosophy" toward careers in research and development or administration in various phases pertinent to aviation. The program features 18 quarter hours major field credit in various aspects of aviation systems, 6 or more quarter hours credit in each of the areas of research-development and administration and electives which permit further specialization in either area.

5000 Thesis
5070 Airports and the Community (3)
5080 Collection and Distribution (3)
5090 Governmental Policies for Aviation (3)
5100 Project in Aviation Systems (3)
5210-20 Experimental Flight Mechanics (3)
5970 Special Topics in Aviation Systems (3)

**Cybernetics and Bionics (262)**


Associate Professor: L. F. James, M.S. Southern California.

'Space Institute, Tullahoma.'

5110 General Systems and Cybernetics Fundamentals (3)
5120 Cybernetic Biophysics (3)
5130 Applied Cybernetics and Bionics (3)
5140 Cybernetics of Human Behavior (3)
5990 Cybernetics Seminar (3)
Institute of Agriculture

Webster Pendergrass, Vice President
Elbert J. Chapman, Assistant
Vice President

The Institute of Agriculture traces its history to 1869 when the University was designated as Tennessee’s Federal Land-Grant Institution. Under terms of the Federal Land-Grant Act, the University was enabled to offer instruction in agriculture and the mechanic arts for the first time. Since 1869, agricultural programs at the University have been expanded to include research for the development of new knowledge and extension for dissemination of such knowledge to rural people. Thus the Institute of Agriculture has come to include the work of three main divisions: College of Agriculture, Agricultural Experiment Station, and Agricultural Extension Service.

Agricultural Experiment Station

John A Ewing, Dean
Thomas J. Whatley, Assistant Dean
Dorsey M. Gossatt, Assistant Dean

The Agricultural Experiment Station was established in 1887 by an Act of Congress known as the Hatch Act. The purpose of the Experiment Station is the promotion of practical agriculture through fundamental and applied research on all problems affecting farmers of the state. For example, there are research projects dealing with the development of new and improved varieties of farm and garden crops, the development of improved methods for the control of crop insects and crop diseases, and the evaluation of systems for the feeding, pasturing and management of livestock. Also, much attention is given to soils and fertilizers, mechanical devices of importance on the farm, human nutrition, and various rural economic and social problems.

Priority is given to problems of special importance to the farmers of Tennessee.

The results of investigations are carried to the people in the form of bulletins, circulars, and reports, through the Agricultural Extension Service, and to the state educational system through the Colleges of Agriculture and Education. Rural life has been greatly enriched by the results of these investigations, as have the curricula of the school system.

Headquarters and the Main Station of the Agricultural Experiment Station are located at Knoxville. In addition, the Experiment Station operates research facilities at other locations in the state as follows:

UT-AEC COMPARATIVE ANIMAL RESEARCH LABORATORY

This laboratory is located about 20 miles west of Knoxville near Oak Ridge. A program of radiobiological research in the field of Agriculture is carried out by the Agricultural Experiment Station under contract with the Atomic Energy Commission. The program includes research with farm and laboratory animals, and in applied radiobiology and plant breeding.

Facilities at the laboratory include approximately 2,000 acres of land for maintaining livestock and growing plants to be used in experimental work, a research laboratory especially suited to large animal work, and a unique gamma irradiation field.

In 1962, 2,200 acres of forest land near the laboratory area were acquired by the University. An arboretum containing some 250 acres has been established. Emphasis will be on collecting woody plants. In addition, this land will be used for research on recreational use of forested areas and on the adaptation of forest species to soils and other site factors.

THE UNIVERSITY OF TENNESSEE AT MARTIN

On January 1, 1965, the Agricultural Experiment Station was assigned responsibility for administration of the 600-acre farm adjacent to the Martin campus. The farm is used for both research and teaching. At the same time the School of Agriculture at Martin assumed research responsibilities and is working closely with the different departments in Knoxville in planning and executing the research program. Experiments are under way with field crops, horticultural crops, dairy cattle, and beef cattle. The primary concern is with problems of special importance to the northwestern part of the state.

BRANCH STATIONS

Dairy Experiment Station near Lewisburg contains 615 acres and is operated in cooperation with USDA-ARS. Major emphasis is breeding and nutrition of Jersey cattle.

Highland Rim Experiment Station near Springfield contains 586 acres. Major emphasis is breeding and culture of dark-fired tobacco, other agronomic crops, horticultural crops, and livestock.

Middle Tennessee Experiment Station near Spring Hill contains 1,153 acres of representative high-phosphate Central Basin soils. Studies are under way with field crops, beef cattle, sheep, and dairy cattle of the Holstein breed.

Plateau Experiment Station near Crossville consists of three farms totaling 2,150 acres. Studies with beef cattle, sheep, field and horticultural crops provide information about results to be expected under the cooler, more humid climate and special soil conditions of the Cumberland Plateau.

Tobacco Experiment Station near Greeneville consists of 536 acres. Extensive research on Burley tobacco is in cooperation with USDA-ARS. In addition, beef cattle and field crops are studied.

West Tennessee Experiment Station near Jackson contains 660 acres. Major emphasis is culture and breeding of cotton, other agronomic crops, horticultural crops, and breeding and feeding of dairy cattle.

FIELD STATIONS

Ames Plantation near Grand Junction includes 18,500 acres, about 10,000 acres is in forest. The land is in trust by the Ames Foundation for use by the Institute of Agriculture. Large scale experiments involve forestry, farm management, crop production, and breeding and management of beef cattle and swine.

Cumberland Forestry Field Station consists of two tracts in Morgan and Scott Counties with a total area of 9,450 acres.

Friendship Forestry Field Station is located in Hamilton County and consists of 660 acres owned by the TVA. Forestry research is conducted in cooperation with TVA.

Highland Rim Forestry Field Station near Tullahoma includes 860 acres. Research results apply generally on the Highland Rim.

Milan Field Station in West Tennessee consists of 472 acres. Research emphasis is on mechanization of the production of cotton, soybeans, and horticultural crops.
Agricultural Extension Service

William D. Bishop, Dean
M. L. Downen, Assistant Dean
Troy W. Hinton, Assistant Dean
Mildred F. Clarke, Assistant Dean

The Agricultural Extension Service serves the entire state of Tennessee. This educational service of the Institute of Agriculture is active in every county extending information on agriculture and home economics to all residents of the state. The program is designed to meet the specific needs of the residents of their counties. They work with both adults and youth. Educational activities for boys and girls are carried out through 4-H Clubs which are organized in schools and communities.

County, state, and federal governments cooperate in carrying out the Agricultural Extension Service program. The United States Department of Agriculture, the State of Tennessee, and the University of Tennessee provide the financial support. Any county which appropriates funds for the program may have an office located there to serve its residents. Most offices are located in county seat towns. Headquarters for the Agricultural Extension Service is at Knoxville and district administrative offices are located in Cookeville, Knoxville, Chattanooga, Nashville, and Jackson.

As a distinct administrative unit of the Institute of Agriculture, the Agricultural Extension Service works closely with the other units of the Institute—the Agricultural Experiment Station and the College of Agriculture—in providing a total program of research, instruction, and extension for developing the agriculture of the state.

College of Agriculture
O. Glen Hall, Dean

Curriculum in Agriculture

Broad opportunities for young people to prepare for a future in agriculture and forestry are offered in the College of Agriculture. The college provides curricula leading to the degrees of Bachelor of Science in Agriculture, Bachelor of Science in Agricultural Engineering, Bachelor of Science in Forestry, and Bachelor of Science in Wildlife and Fisheries Science. The professional degree program in agricultural engineering receives strong support from the College of Engineering and is fully accredited by the Engineers' Council for Professional Development. The Forestry curriculum is fully accredited by the Society of American Foresters.

A pre-professional curriculum in veterinary medicine is offered in the college. This program is designed to prepare students for certification to the Schools of Veterinary Medicine at the University of Tennessee and Ohio State University under the Regional Program for Veterinary Education.

Students pursing programs leading to the degree of Bachelor of Science in Agriculture major in one of several specialized areas of agriculture offered in the college. These major areas are: Agricultural Business, Agricultural Economics, Agricultural Education, Agricultural Mechanization, Animal Science, Food Technology and Science, Ornamental Horticulture and Landscape Design, and Plant and Soil Science. Specific courses required for each of these areas are given under the departmental headings in this section of the catalog. A student must complete the curriculum outlined by the department in which he is majoring in order to receive a degree. In all areas of specialization, particular emphasis is placed upon the sciences as a background for agricultural instruction; and other courses are included to provide a liberal education. In all subject matter departments, there is the opportunity to select electives courses appropriate to the educational objectives of individual students. The choice of electives in each curriculum should be made with the guidance of the faculty advisor.

All academic and general requirements of the University will be met by agricultural students, and they must complete the requirements in one of the organized curricula. Each curriculum leading to the degree of Bachelor of Science in Agriculture includes the requirements of the basic curriculum for agriculture. For this degree, the minimum requirement is 198 quarter-hour credits. Students may include 6 hours of lower division military science and 9 hours of advanced military science credit in the 198 total. A minimum of 45 hours in agricultural courses is required. For the degree of Bachelor of Science in Forestry, and in Wildlife and Fisheries Science, the minimum requirement is 198 quarter-hour credits. For the degree of Bachelor of Science in Agricultural Engineering, the minimum requirement is 199 quarter-hour credits.

The use of transfer credit in technical agriculture appropriate to each organized curriculum will be considered and approved by the adviser of that curriculum and the Dean of the College of Agriculture. When desirable, validating or proficiency examinations may be requested to determine competence in an area and to avoid unnecessary repetition. Such examinations should be taken during the first quarter in residence, and must be conducted under the supervision of the head of the department in which the course is offered.

A minimum of 27 quarter hours of upper division technical agriculture appropriate to a specified major requirement, and approved by the major adviser, must be completed in residence. The requirements of baccalaureate degrees offered in the college,
campus and main University campus so that students may make the change between classes without serious inconvenience.

The facilities of the University on the main campus are available to agricultural students.

Courses in the basic sciences, business, communications, engineering, etc. are open to agricultural students and are taught on the main University campus.

Selection of Curriculum

Agricultural students who have determined their area of special interest may choose the curriculum most adaptable to their needs when they register as freshmen, and a special adviser from that department will be assigned for their counseling. It is not necessary, however, that freshman students select their curriculum until the end of the first year.

Those who are in doubt will be assigned a special adviser to assist them in exploring the opportunities in the several fields of agriculture and to guide them in the planning of appropriate courses of study for the freshman year. When they choose a curriculum, an adviser will be assigned from that department.

Students with special interest in science, business, or production technology should consult the administration of their department before selecting appropriate electives. A foundation for advanced study beyond the baccalaureate degree may be established in any curriculum if appropriate electives are included. Also, courses may be elected in any of the curricula leading to the degree of Bachelor of Science in Agriculture, in preparation for employment with the Agricultural Extension Service. For this purpose, both the major-curriculum adviser and the agricultural-extension adviser should be consulted.

A very careful choice of electives enables a student with an above-average academic record to complete a double major by satisfying all the requirements in each curriculum. For this purpose, the advisers of each curriculum should be consulted, the Dean of the College of Agriculture should be informed, and each adviser should maintain a complete record of the student's progress.

Students who transfer to the College of Agriculture from another institution, or from another college within the University of Tennessee, should consult the Dean if in doubt as to the curriculum they wish to follow, and for assignment to an appropriate adviser.

Requests for substitutions or special examinations should be submitted for consideration during the first quarter of study in the selected curriculum.

BASIC CURRICULUM FOR AGRICULTURE

All students working for a degree of Bachelor of Science in Agriculture will include in their course of study the following minimum requirements. The sequence and the selection of courses not specified will be guided by the adviser.

Agricultural Science. (courses listed in department curricula) 26
English and Communications. (English 1510-20, Speech 2311, and elective 6 hours—literature or communications) 17
Mathematics 1540-50-60, (general mathematics) 12
Biological Science. (agricultural biology, biology, botany, microbiology, or zoology) 12
Physical Science. (Chemistry 1110-20-30 or 1510-20-30 and physics or geology) 16
Social Science and Humanities. (Economics 2110-20 and electives, 12 hours—not more than 3)
Other Courses or Elective Hours Specified by Departments 76

TOTAL 198

*Or equivalent honors courses

*The Mathematics 1640-50-60 sequence may be necessary in some courses of study.

The five basic courses in agriculture are not departmental, but the course outlines and content were prepared by a group of experienced teachers representing the appropriate subject-matter areas. They are presented in this catalog to help the student in his choice of courses that best suit his needs. The five teaching teams coordinate their work carefully to insure a unified program.

The major purpose of this basic program is to present freshman agricultural students an appropriate concept of modern agriculture, its role in our economic and social structure, the unity among its several segments, and its relation to other areas of study. Basic subject-matter concepts are presented to prepare suitable foundations for further study. These courses serve as a strong motivation for study in the physical, biological, and social sciences, and are prerequisite to advanced courses in technical agriculture.

An Honors Seminar is offered as a challenge to exceptional students who desire to explore in greater depth some special topic of unusual significance to agriculture. A team of faculty members shares in this seminar as participants and resource people. The students gain experience and are encouraged to assume responsibilities not available in formally organized courses. Association with students and faculty from all phases of agriculture in the study of a common problem provides an unusual challenge.

COURSE LOAD

Students desiring to take more than 19 hours per quarter must have the approval of the Dean of the College.

Agricultural Biology

Advisor: Professor Southard

No undergraduate curriculum exists in Agricultural Biology, but a program leading to the Master of Science degree with a major in Agricultural Biology is available (see Graduate Catalog). Courses in economic entomology, plant pathology, soil microorganisms, and plant parasitic nematodes are available to agricultural students. The department is currently comprised of two major disciplines: Economic Entomology and Plant Pathology. The primary objective of offering a major at the graduate level is to provide training in these disciplines which deal with the natural hazards that are the major causes of losses in agricultural production. The training gives such a graduate the foundation necessary for coping with the myriad insect and plant disease problems that constantly threaten Tennessee's dynamic agriculture.

Agricultural Economics and Rural Sociology

AGRICULTURAL BUSINESS CURRICULUM

Advisers: Professor Martin, Associate Professor Snell, and Assistant Professor Mundy

This curriculum is designed to prepare students for employment in the rapidly expanding field of agricultural business. Recognition is given to the desire of many college graduates to continue to work with agriculture through many private and public services where major emphasis is in areas other than farm production. This program emphasizes the field of management needed for the management phases of agricultural business. Course offerings in the College of Business Administration have been used freely in this curriculum.

Preparation is given for such work in crops, livestock and poultry marketing, fertilizer and feed businesses, cooperative business management, agricultural credit agencies, farm real estate and appraisal services, agricultural representatives with banks, public and private market analysis, agricultural journalism and farm information services utilizing mass communications.

Freshman Hours Credit

Agriculture 1110-20-30-40-50 20
English 1510-20 8
Mathematics 1540-50-60 12
Biological Science Electives 8

Sophomore

Chemistry 1110-20 or 1510-20-30 12
Economics 2110-20-30 6
Economics Electives 3
Nondepartmental Social Science and Humanities Electives 12
Psychology Elective 4
Biological Science Elective 4
Electives 6

Junior

Accounting 2110-20, 2210 9
Agricultural Economics Electives 6
Agricultural Business Electives 6
Rural Sociology Elective 3
Economics 3110 3
Nondepartmental Agricultural Electives 9
Economics Electives 9
Physics or Geology Elective 4
Speech 2311 4
Statistics 2100, 3220 6
Electives 6

Senior

Agricultural Economics and Rural Sociology Electives 18
Business Law 4110 3
Economics Elective 3
Finance Elective 3
Office Administration 4320 3
Speech 3021 or Communications Elective 4 or 3
Electives 16 or 17

TOTAL: 198 hours

*Or equivalent honors courses
AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY CURRICULUM

Advisers: Professors Martin and Associate Professor Snell, Assistant Professor Mundy

This curriculum is designed to provide students with training in the social sciences as well as in the physical and biological sciences and technical agriculture. Recognition is given to the desire of many college graduates to work in agriculture where the major emphasis is in farm production and related areas. Students are prepared for positions such as farm managers, county agricultural agents, managers of farm supply and purchasing firms, agricultural journalism and farm loan agents. This curriculum also provides the necessary background for graduate work in Agricultural Economics.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Agriculture 1110-20-30-40-50</td>
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<td>'English 1510-20</td>
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<td>Mathematics 1540-50-60</td>
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<tr>
<td>Biological Science Electives</td>
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**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<td>12</td>
<td>3</td>
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<td>'Economics 2110-20-30</td>
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<td>Biological Science Elective</td>
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<tr>
<td>English Elective</td>
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<tr>
<td>Nondepartmental Social Science and Humanities Elective</td>
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**Junior**

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<tr>
<th>Course</th>
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<tbody>
<tr>
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<td>Speech 2311</td>
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<tr>
<td>Finance 3110</td>
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<td>1</td>
</tr>
<tr>
<td>Statistics 2100, 3220 and</td>
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<td>1</td>
</tr>
<tr>
<td>Statistics Elective</td>
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<td>1</td>
</tr>
<tr>
<td>Economics 3110-20</td>
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<tr>
<td>Nondepartmental Agricultural Elective</td>
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<td>1</td>
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<tr>
<td>Physics or Geology Elective</td>
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<tr>
<td>Electives</td>
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</table>

**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Agricultural Economics and Rural Sociology Elective</td>
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<td>Economics Elective</td>
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<tr>
<td>Speech 3021 or Communications</td>
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<td>Elective</td>
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<td>Electives</td>
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</tbody>
</table>

Total: 198 hours

*Or equivalent honors courses.

Agricultural Education

Advisers: Professor Wiegens and Associate Professors Craig and Todd

The curriculum in agricultural education is planned in cooperation with the College of Education. All agricultural education courses are offered in the College of Education. This curriculum is designed to prepare students for entering professional agricultural education service. Graduates are qualified to teach vocational agriculture. The curriculum also provides training for those who wish to enter farming, industry and governmental services associated with agriculture, and other occupations.

The senior courses in agricultural education are taught at selected off-campus centers. These courses are scheduled concurrently each quarter during the regular school year.

Students should file application for student teaching in the Agricultural Education Department at least two quarters prior to the quarter in which the student teaching is desired.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Agriculture 1110-20-30-40-50</td>
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<tr>
<td>Introductory Biological Sciences</td>
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<tr>
<td>English 1510-20</td>
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</tr>
<tr>
<td>Mathematics 1540-50-60</td>
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**Sophomore**

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<tbody>
<tr>
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<td>Agricultural Biology 3210</td>
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<tr>
<td>Plant and Soil Science 2130</td>
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<td>2</td>
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<tr>
<td>Chemistry 1510-20-30</td>
<td>12</td>
<td>2</td>
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<tr>
<td>Economics 2110-20</td>
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<tr>
<td>Psychology 2500, and Educational Psychology 3110 or equivalent</td>
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<td>1</td>
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<tr>
<td>Microbiology 2010</td>
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<tr>
<td>Speech 2311</td>
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<tr>
<td>Physical Education or Health Electives</td>
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**Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Agricultural Education 3450-60-70</td>
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<td>Educational Psychology 3810</td>
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<tr>
<td>Education C &amp; I 3020</td>
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<tr>
<td>Animal Science 3310</td>
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<td>Animal Science 4820</td>
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<td>Horticulture Elective</td>
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<td>Geology or Physics Elective</td>
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<td>English, Journalism, Speech</td>
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<td>Electives</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Agricultural Mechanization 3110</td>
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**Senior**

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<tr>
<th>Course</th>
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<tbody>
<tr>
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<td>Social Sciences and Humanities Elective</td>
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<td>Physical Education</td>
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<tr>
<td>Health Elective</td>
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<tr>
<td>Electives</td>
<td>16</td>
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Total: 198 hours

*One hour must be in PE.
*Requires admission to teacher education.

Agricultural Engineering

AGRICULTURAL ENGINEERING CURRICULUM

Advisers: Professors Littrell and Sewell

The College of Agriculture, with the cooperation of the College of Engineering, offers a four-year curriculum leading to the degree of Bachelor of Science in Agricultural Engineering.

The minimum requirements for admission include two units in algebra, one unit in geometry (preferably including some solid geometry), and one-half unit in trigonometry. Provisions for removal of deficiencies are made for students not meeting these requirements by registration in special classes during their freshman year.

The curriculum is designed to give training in the basic fundamentals of engineering and a background in agriculture. The graduate is trained to make application of engineering principles in the field of agriculture.

Graduates can go into design of farm machinery, soil and water conservation engineering, structures, buildings, animal waste disposal systems, or materials handling and processing systems. Opportunities are also available in the field of sales engineering, dealing with equity, prefabricated structures, irrigation systems, or electrical-powered systems found in agriculture.

Industry, colleges or universities, government agencies such as the Soil Conservation Service, research organizations, foreign service, all offer employment opportunities to the graduate agricultural engineer. The curriculum provides for elective courses which can be taken in the student's area of interest and prepare him for the field he desires. The curriculum is designed to prepare students desiring to undertake a graduate program in agricultural engineering.

Students majoring in agricultural engineering are eligible to participate in the Engineering Cooperative Scholarship program, Engineers' Day program, engineering student publications, and other student activities in the College of Engineering. They are also eligible for selection into membership in Tau Beta Pi. Agricultural Engineering majors interested in the Cooperative Engineering Scholarship program should consult with the Head of the Department of Agricultural Engineering.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Agricultural Engineering 1130</td>
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<td>Basic Engineering 1310-20-30</td>
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<tr>
<td>Basic Engineering 1410</td>
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<tr>
<td>'Chemistry 1110-20-30 or 1510-20-30</td>
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<td>2</td>
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<tr>
<td>'English 1510-20</td>
<td>8</td>
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<tr>
<td>'Mathematics 1840-50-60</td>
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**Sophomore**

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<tr>
<th>Course</th>
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<tbody>
<tr>
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<td>Engineering Mechanics 2710-20</td>
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<td>Electives</td>
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<td>4</td>
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<tr>
<td>Graphics 1410-20</td>
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<tr>
<td>'Mathematics 2840-50-60</td>
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<tr>
<td>'Physics 2310-20-30</td>
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**Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Agricultural Engineering 3100, 3250, 3420</td>
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<td>Plant and Soil Science 2130</td>
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<td>Engineering Mechanics 3110, 3310</td>
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<td>Engineering Mechanics 3120 or 3320</td>
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<tr>
<td>Engineering Mechanics 3510 or Civil Engineering 3710</td>
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<tr>
<td>Mathematics 3150</td>
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<tr>
<td>Mechanical Engineering 3110, 3320</td>
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<tr>
<td>Speech 2311</td>
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**Senior**

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Agricultural Engineering 3350, 4150, 4220, 4310</td>
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<td>'Humanities-Social Science Electives</td>
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<td>'Technical Electives</td>
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<td>Electives</td>
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Total: 199 hours

*Or equivalent honors courses.
* Agricultural Engineering Elective Group: Any two of the following courses: Agricultural Engineering 3350, 4290, 4360.
* Humanities-Social Science Electives from such fields as history, economics, government, literature, sociology, psychology, or fine arts. (Not more than two areas).
* The selection of technical electives must have approval of student's advisor and the department head prior to registration in the course.
Agricultural Mechanization Curriculum

Advisers: Professors Luttrell and Shelton

Agriculture's rapid mechanization is continually increasing the demand for graduates trained in the principles dealing with application of machines, systems, and structures designed by engineers for improvement of production, handling, processing, and storing of food and fiber. The graduate agricultural mechanization specialist may be involved in making materials, handling layouts for farmsteads, testing machinery for a manufacturer, managing a feed processing plant, or working with farmers in better utilizing electrical equipment and systems while working for an electrical power distributor. Positions are also filled as a farm manager, research technician, farm service adviser; also, positions are available in the areas of machinery, farm structures and irrigation equipment sales, educational and extension work with an institution, and an educational and training programs in an agriculture-connected industry.

A student is able to minor in another field by carefully selecting his elective courses.

This table lists courses better trained for a specific area of work in the technology or business fields.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
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<td>Agriculture Mechanization 2110</td>
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**Sophomore**

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<tr>
<th>Course</th>
<th>Hours</th>
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<tr>
<td>Agriculture 1150</td>
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<tr>
<td>Agricultural Mechanization 2130</td>
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<tr>
<td>Chemistry 1110-20-30 or 1510-20-30</td>
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</tr>
<tr>
<td>Economics 2101, 2130</td>
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<tr>
<td>English 1510-20</td>
<td>8</td>
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<tr>
<td>Journalism 2210</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physics 1210-20</td>
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<tr>
<td>Plant and Soil Science 2130</td>
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<td></td>
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<tr>
<td>Speech 2311</td>
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**Junior**

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<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Accounting 2110</td>
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<td>Agricultural Biology 3210</td>
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<tr>
<td>Agricultural Mechanization 3100</td>
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<tr>
<td>Animal Science 2810</td>
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<tr>
<td>Microbiology 2010</td>
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<tr>
<td>Office Administration 2750</td>
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<tr>
<td>Plant and Soil Science 3220</td>
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<tr>
<td>Humanities-Social Science Electives</td>
<td>6</td>
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<tr>
<td>Electives in Option</td>
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<td>Electives</td>
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**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Agricultural Economics 4610</td>
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<tr>
<td>Agricultural Economics 4710</td>
<td>4</td>
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<tr>
<td>Agricultural Extension 3110</td>
<td>3</td>
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<tr>
<td>Agricultural Mechanization 4120-30</td>
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<td>Agricultural Mechanization 4160</td>
<td>3</td>
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<tr>
<td>Agricultural Mechanization 4210-20</td>
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<tr>
<td>Food Technology and Science 3200 or 3410</td>
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<tr>
<td>Humanities-Social Science Electives</td>
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**Agricultural Extension Education**

Advisers: Professor Dotson and Associate Professor Carter

No formal undergraduate curriculum is offered in Agricultural Extension Education, but undergraduate courses are available as electives in each formal curriculum. Courses are designed to: (1) develop in prospective extension workers and other interested workers an understanding of the functions, responsibilities, and techniques of the Cooperative Agricultural Extension Service; and (2) provide prospective extension workers with practical extension work experience in selected training counties. Graduate majors and minors are offered in Agricultural Extension Education. Graduate courses are designed to develop in present extension workers and other interested students those competencies needed for improving the effectiveness of their work. Professor Dotson will give guidance for desired emphasis in Agricultural Extension Education.

**Animal Science**

Advisers: Professors Johnson, Bitner, Chamberlain, Merriman, Murphy, Shreve, Swanson, Associate Professors Barth, Lidvall, McLaren, Montgomery, Richardson, Shirley, and Assistant Professors Corrnick and Smalling.

This curriculum is designed to prepare students for leadership careers in livestock and in related industries. Swine, poultry, sheep, dairy, and beef production and management may be involved, providing the opportunity for special or additional training in the dynamic livestock and husbandry technology (production). Through course selection, the student, therefore, may prepare for general or livestock farming, management, business or veterinary science or elect the pre-veterinary courses preparatory for specialization. Elective selection permits special training for work with feed companies, milk, egg or poultry production, managerial or marketing groups, other educational agencies, supply and equipment cooperatives, agricultural extension service, agricultural communication, public relations, and various organizations associated with agriculture.

Students have the opportunity, through course selection, to procure double majors in Animal Science with Vocational Education, Plant and Soil Science, Agricultural Economics, or other available departments.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Agriculture 1110, 1130, 1140</td>
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<tr>
<td>Biology 1210, 1230</td>
<td>8</td>
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<tr>
<td>Chemistry 1110, 1120 or 1510-20-20</td>
<td>8</td>
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<tr>
<td>English 1510-20</td>
<td>8</td>
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<tr>
<td>Mathematics 1540-50-60 or 1840-50-60</td>
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**Sophomore**

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<tr>
<th>Course</th>
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<tbody>
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<td>Agriculture 1120, 1150</td>
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<tr>
<td>Animal Science 2810</td>
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<tr>
<td>Chemistry 1130 or 3215, 3311, 1810 or 2210, or Nutrition 3310</td>
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<tr>
<td>Economics 2110-20</td>
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<td>Microbiology 2010</td>
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<tr>
<td>Plant and Soil Science 2130</td>
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<td>Speech 2311</td>
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**Junior**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Animal Science Agricultural Electives</td>
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<tr>
<td>Animal Science (Core required: Animal Science 3210, 3220, 3320, 3340, 3410, 3420, 3510)</td>
<td>23</td>
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<tr>
<td>Directed Electives - Evaluation</td>
<td>3</td>
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<tr>
<td>Communications Elective</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Humanities-Social Science Electives</td>
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**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
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<tbody>
<tr>
<td>Non-Animal Science Agricultural Electives</td>
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<tr>
<td>Animal Science 4910 (core required: Animal Science 3410, 3210, 3220, 3320, 3340, 3410, 3420, 3510)</td>
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<tr>
<td>Directed Electives - Management</td>
<td>3</td>
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<tr>
<td>Electives</td>
<td>28</td>
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<tr>
<td>Humanities-Social Science Electives</td>
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TOTAL: 198 hours

* Equivalent honors courses.

Electives allow students to select an area for specialization. Those interested in production would select additional courses in agriculture; in business administration, economics, agricultural economics, finance and accounting; in research in chemistry, zoology, physics and statistics, etc. Electives should be chosen with career objectives in mind and consultation with the adviser.

PRE-VETERINARY MEDICINE CURRICULUM

Advisers: Professors Merriman, Murphy and Shreve, Associate Professor Richardson and Assistant Professor Smalling.

This curriculum is designed to guide the student in meeting admission requirements of those schools of veterinary medicine with which the State of Tennessee has contracts. These contracts allow a given number of qualified residents of Tennessee to enter