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

EEO/TITLE IX/SECTION 504 STATEMENT
The University of Tennessee, Knoxville does not discriminate on the basis of race, sex, color, religion, national origin, age, handicap, or veteran status in provision of educational opportunities or employment opportunities and benefits.

UTK does not discriminate on the basis of sex or handicap in the education programs and activities which it operates, pursuant to the requirements of Title IX of the Education Amendments of 1972, Pub. L. 92-318, and Section 504 of the Rehabilitation Act of 1973, Pub. L. 93-112, respectively. This policy extends to both employment by and admission to the University.

Inquiries concerning Title IX and Section 504 should be directed to the Office of the Vice Chancellor for Planning and Administration, 525 Andy Holt Tower, 974-4391. Charges of violation of the above policy should also be directed to the Office of the Vice Chancellor for Planning and Administration.
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## Academic Calendar for 1979-80

### Summer Quarter 1979
- June 18: Orientation (Transfer and Freshman)
- June 19: Registration, First or All Terms
- June 20: Classes Begin
- July 4: Independence Day (No Classes)
- July 9: Drop Deadline, First Term
- July 20: Classes End, First Term
- July 19-23: Registration, Second Term
- July 24: Classes Begin, Second Term
- July 24: Drop Deadline, Full Term
- August 10: Drop Deadline, Second Term
- August 22: Classes End
- August 25: Commencement

### Fall Quarter 1979
- September 17: Orientation (Transfer)
- September 18: Orientation (Freshman)
- September 17-18: Upperclass & Graduate Registration
- September 18-19: Freshman and Transfer Registration
- September 20: Classes Begin
- October 24: Drop Deadline
- October 26: East Tenn. Educ. Assoc. (No Classes)
- November 3: Homecoming (No Classes)
- November 22-24: Thanksgiving (No Classes)
- November 29: Classes End
- November 30-December 4: Alternative Period
- December 7: Commencement

### Winter Quarter 1980
- January 3: Orientation (Transfer & Freshman)
- January 3-4: Registration
- January 7: Classes Begin
- February 11: Drop Deadline
- March 11: Classes End
- March 12-15: Alternative Period
- March 18: Commencement

### Spring Quarter 1980
- March 24: Orientation (Transfer & Freshman)
- March 24-25: Registration
- March 26: Classes Begin
- April 4-5: Easter (No Classes)
- April 29: Drop Deadline
- May 31: Classes End
- June 2-5: Alternative Period
- June 10: Commencement
## Academic Calendar for 1980-81

### Summer Quarter 1980
- **June 12**: Orientation (Transfer and Freshman)
- **June 13**: Registration, First or All Terms
- **June 16**: Classes Begin
- **July 3**: Drop Deadline, First Term
- **July 4**: Independence Day (No Classes)
- **July 18**: Classes End, First Term
- **July 16-18**: Registration, Second Term
- **July 21**: Classes Begin, Second Term
- **July 21**: Drop Deadline, Full Term
- **August 7**: Drop Deadline, Second Term
- **August 22**: Classes End
- **August 25**: Commencement

### Fall Quarter 1980
- **September 22**: Orientation (Transfer)
- **September 23**: Orientation (Freshman)
- **September 22-23**: Upperclass and 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 27-29**: Homecoming (No Classes)
- **December 4**: Thanksgiving (No Classes)
- **December 4**: Classes End
- **December 5-9**: Alternative Period
- **December 12**: Commencement

### Winter Quarter 1981
- **January 5**: Orientation (Transfer and Freshman)
- **January 5-6**: Registration
- **January 7**: Classes Begin
- **February 10**: Drop Deadline
- **March 12**: Classes End
- **March 13-17**: Alternative Period
- **March 20**: Commencement

### Spring Quarter 1981
- **March 25**: Orientation
- **March 25-26**: Registration
- **March 27**: Classes Begin
- **April 17-18**: Easter
- **April 30**: Drop Deadline
- **June 2**: Classes End
- **June 3-6**: Alternative Period
- **June 10**: Commencement
Administrative Officers

Chancellor, Jack E. Reese, A.B., A.M., PH.D.
Assistant to the Chancellor, Donald R. Eastman III, A.B., PH.D.
Vice Chancellor for Academic Affairs, Walter R. Heirdon, 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, Homer S. Fisher, B.S., M.B.A.
Vice Chancellor for Graduate Studies and Research, L. Evans Roth, A.B., M.S., PH.D.
Vice Chancellor for Planning and Administration, Luke Ebersole, A.B., A.M., PH.D.
Assistant Vice Chancellor for Planning 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, Jack E. Williams, B.S.
Finance, Director, Harold B. Whitehead, B.S., CPA
Graduate Studies, Dean, Margaret N. Perry, B.S., M.S., PH.D.
Physical Plant, Director, John C. Parker, B.S.
Public Relations, Director, David H. Lauver, B.S.
Research, Dean, 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.
Career Planning and Placement Service, Director, Howard H. Lumsden, B.S.
International Student and Cultural Affairs, Director, Dixon C. Johnson, B.S., M.A., PH.D.
Intercollegiate Athletics for Women, Director, Gloria S. Ray, B.S., M.S.
Student Activities, Dean, 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, L. Evans Roth, A.B. M.S., PH.D.
Institute of Agriculture
Dean, College of Agriculture, O. Glen Hall, B.S., M.S., PH.D.
Dean, 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, C. Warren Neel, 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, William H. Coffield, B.S., M.A., PH.D.
School of Health, Physical Education, and Recreation
Director, Madge M. Phillips, B.S., M.S., 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, Robert G. Landen, B.A., M.A., PH.D.
School of Library and Information Science
Director, Ann E. Prentice, A.B., M.L.S., D.L.S.
College 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, James E. Hiteshew, B.G.E., M.A.E.D., Colonel, USAF
Army Reserve Officers’ Training Corps
Professor of Military Science, Daniel H. Bauer, B.A., M.A., Colonel, USA

AT OAK RIDGE
Oak Ridge Graduate School of Biomedical Sciences
Director, W. E. Barnett, 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, Donald R. Hunt, B.A., M.A., M.A.L.S.
THE UNIVERSITY OF TENNESSEE BOARD OF TRUSTEES

Legal Title: The University of Tennessee

His Excellency, THE GOVERNOR OF TENNESSEE  Ex-Officio
The Commissioner of Education  Ex-Officio
The Commissioner of Agriculture  Ex-Officio
The President of The University  Ex-Officio
The Executive Director of Tennessee Higher Education Commission  Ex-Officio

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<td>1975</td>
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<td>A. B. Long, Jr., <em>Knoxville</em></td>
<td>Second</td>
<td>1977</td>
<td>June 1, 1986</td>
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<td>Leonard Raulston, <em>Lookout Mountain</em></td>
<td>Third</td>
<td>1957</td>
<td>July 1, 1979</td>
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<tr>
<td>William M. Johnson, <em>Sparta</em></td>
<td>Fourth</td>
<td>1975</td>
<td>June 1, 1987</td>
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<tr>
<td>Amon Carter Evans, <em>Nashville</em></td>
<td>Fifth</td>
<td>1975</td>
<td>June 1, 1982</td>
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<tr>
<td>Clyde M. York, <em>Columbia</em></td>
<td>Sixth</td>
<td>1953</td>
<td>July 1, 1981</td>
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<tr>
<td>Ben Douglass, <em>Lexington</em></td>
<td>Seventh</td>
<td>1951</td>
<td>July 1, 1979</td>
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<tr>
<td>Tom Elam, <em>Union City</em></td>
<td>Eighth</td>
<td>1956</td>
<td>June 1, 1986</td>
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<tr>
<td>R. Lee Winchester, <em>Memphis</em></td>
<td>Ninth</td>
<td>1975</td>
<td>June 1, 1984</td>
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From Anderson, Bedford, Coffee, Franklin, Lincoln, Moore, and Warren Counties

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<th>Term Expires</th>
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<tr>
<td>Don O. Shadow</td>
<td>1970</td>
<td>June 1, 1979</td>
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From Davidson County

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<tr>
<td>Elaine McReynolds</td>
<td>1975</td>
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<td>Paul J. Kinser</td>
<td>1969</td>
<td>June 1, 1987</td>
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From Knox County

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<td>Ann Baker Furrow</td>
<td>1971</td>
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<td>Harry W. Laughlin</td>
<td>1953</td>
<td>July 1, 1981</td>
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<td>Marcus J. Stewart</td>
<td>1970</td>
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<td>1953</td>
<td>July 1, 1981</td>
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Student Member

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<td>Anne M. Long</td>
<td>1978</td>
<td>July 1, 1979</td>
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Officers of the Board

- Chairman
  Tom Elam, Vice Chairman
  Edward J. Boling, President
  Brodie Baynes, Treasurer
  Beauchamp E. Brogan, Secretary
  Carol Bailey, 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), Johnson (Vice Chairman), Elam, Raulston.
Buildings and Grounds: Fisher (Chairman), Kinser (Vice Chairman), Douglass, Long, Winchester, York.
Academic Affairs: Furrow (Chairman), Elam (Vice Chairman), Bowyer, Brown, Fisher, Goldstein, student Trustee.
Agriculture: York (Chairman), Douglass (Vice Chairman), Fisher, Laughlin, Porter, Shadow, Stewart.
Athletics: Elam (Chairman), Furrow (Vice Chairman), Bowyer, Johnson, Raulston, York.
Development, Alumni Affairs, and Public Relations: Bowyer (Chairman), Goldstein (Vice Chairman), Elam, Evans, McReynolds, Raulston, Stewart, York, student Trustee.
Health Affairs: Stewart (Chairman), Bowyer (Vice Chairman), Evans, Furrow, Laughlin, Long, Winchester.
Student Affairs: Laughlin (Chairman), McReynolds (Vice Chairman), Fisher, Furrow, Ingram, Johnson, Long, Raulston, Shadow, student Trustee.
Public Service and Continuing Education: Raulston (Chairman), Evans, Kinser, Long, McReynolds, Stewart, Winchester.
Faculty and Staff Affairs: Douglass (Chairman), Shadow (Vice Chairman), Brown, Goldstein, Kinser, Long.

THE UNIVERSITY OF TENNESSEE
ADMINISTRATION AND SERVICE
President, Edward J. Boling, B.S., M.S., Ed.D.
Executive Vice President and Vice President for Development, 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 Business and Finance, Emerson H. Fly, B.S., CPA
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, Jr., B.S., M.D.
Vice President for Public Service and Chancellor, UT at Nashville, Charles E. Smith, B.S., A.M., Ph.D.
General Counsel, Beauchamp E. Brogan, B.S., 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., L.L.D., LLitt.D., 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, Kenneth L. Knickerbocker, A.B., A.M., Ph.D.
Emeritus Vice President for Academic Affairs, Herman E. Spivey, A.B., A.M., Ph.D.
The University

The University of Tennessee is a multi-campus, multi-purpose system of higher education encompassing all of 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 seven 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

As the most comprehensive 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.

In addition to fulfilling this traditional role, the University also offers a wide range of quality programs in continuing education which help contribute to the personal and professional growth of students of all ages.

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 1978, a total of 49,485 students enrolled on the five campuses of The University of Tennessee System. This total included 29,720 enrolled at Knoxville and Centers; 2,152 at the Center for the Health Sciences (Memphis); 5,090 at Martin; 7,104 at Chattanooga; and 5,419 at Nashville.

To serve the academic needs of all of these students, the University system offers 170 degree programs at the bachelor's level, 144 at the master's level, and 60 at the doctoral level. The degree programs offered by colleges and schools at 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 28 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
College of Nursing
Graduate School of Planning
Graduate School of Social Work
College of Veterinary Medicine

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

At Tullahoma
Space Institute

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 University of Tennessee, Knoxville

Main Campus

A—Ayres Hall (Liberal Arts)
AA—Art & Arch. Bldg. (under construction)
AC—Art Center
ACH—Arts & Crafts House (Laurel House)
AD—Holt Ave. Apartments
AH—Alumni Hall (Alumni, Placement Offices)
AHT—Andy Holt Tower
AP—Austin Peay Memorial Bldg. (Psych.)
APG—Administration Parking Garage
AQG—Student Aquatic Center
AX1—Art Annex 1
AX2—Art Annex 2
AX3—Art Annex 3
BCC—Black Cultural Center
BH—Berry Hall
BL—Blount Hall
BT—Tom Black Track and Recreation Area

BU—Buehler Hall
C—Claxton Education Building
CAH—Carrick Hall (Residence)
CBT—Clarence Brown Proscenium Theatre
CD—Communications Design (Riscoue House)
CER—Ceramics Bldg.
CHM—Chemistry Bldg.
CN—College of Nursing
COM—Communications and University Extension Bldg.
CR—Craft House
CT—Carousel Theatre
CU—Credit Union
DAB—Dabney Hall
DES—Design House
DO—Dougherty Engineering Bldg.
DUH—Dunford Hall (Residence)

ECO—Ecology
ESH—East Stadium Hall
EST—Estabrook Hall (Architecture)
EMP—UT Employment Office
F—Fraternity House
FH—Ferris Hall
FLC—Family Life Center
G—Glockey Business Administration Bldg.
G&G—Geology and Geography Bldg.
GIB—Gibbs Hall (Residence)
GRH—Greve Hall (Residence)
GSP—Graduate School of Planning
GYM—Alumni Memorial Auditorium-Gymnasium
H—Hester Biology Bldg.
H&S—Hearing & Speech Center
HE—Harris Home Economics Bldg.

Agricultural Campus

AE—Agricultural Engineering Bldg.
AEL—Agricultural Engineering Lab
ASB—C.E. Brehm Animal Sciences Bldg.
CO—Corn-Cotton Bldg.
CVM—College of Veterinary Medicine
DP—Dairy Products Bldg.
FL—Fiser Research Laboratory
FDR—Tennessee Division of Forestry
FT—J.H. McLeod Food Technology Bldg.

GH—Greenhouses
MG—McGord Hall
MH—Morgan Hall
PB—Plot Barn
PD—Poultry Diagnostic Laboratory
PPL—Ag. Campus Power Plant
PS—Ellington Hall-Plant Sciences
PSX—Plant Sciences Annex
SL—Spinning Lab.
UT AT MARTIN
School of Agriculture
School of Business Administration
School of Education
Department of Engineering and
Engineering-Technology
School of Home Economics
School of Liberal Arts
Department of Military Science
Department of Nursing
Division of Extended Services

UT AT CHATTANOOGA
College of Arts and Sciences
College of Professional Studies
Engineering Division
Graduate Division
Continuing Education and Public Service

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 faculty elects a representative
body called the Faculty 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.
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.

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
religous activities, social and cultural
programs, and recreational and
avocational activities. More than two
hundred different extracurricular
organizations and activities are maintained
on the University's Knoxville campus.

Research
As Tennessee's most broadly based
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 find
solutions to problems confronting the
people of Tennessee, and to discover new
knowledge leading to greater development
of human and material resources.
Funding of sponsored research at the
University totaled more than $21.3 million
in fiscal year 1978. This growth in the
dollar value of grants and contracts
parallels growth in the quality and diversity
of research programs of importance to the
Volunteer State and the entire nation.
Increased crop yields, improved industrial
processes, more effective medical
services, and greater citizen
understanding of our environment and our
society are but a few of the benefits
resulting from the practical applications of
University research.

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 and is
founded upon research; graduate students
are required to do research as part of their
study programs.

Extension and Public
Service
The University's teaching programs
and research findings extend beyond the
limits of the campuses to reach people in
every community and county in

THE CAMPUS OF THE UNIVERSITY OF TENNESSEE
IS THE STATE 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
Tennessee. Extension and public service programs are part of the work of every University. To this end, the institution has three large divisions created specifically to promote and coordinate statewide activities to meet the need that can be served by its educational resources. These divisions are:

**Agricultural Extension Service**, specializing in agriculture and home economics, sponsored jointly by the U.S. Department of Agriculture. Agents to assist farmers and homemakers are stationed in every Tennessee county. District offices are maintained at Chattanooga, Cookeville, Jackson, Knoxville, and Memphis.

**Division of Continuing Education**, which serves in non-agricultural areas of education. The Division’s statewide services are effected through its Center for Extended Learning, Head Start State Training Office, Library Services, Radio Services, Teaching Materials Center, and Television Services.

**Division of Continuing Education, Knoxville**, extends academic programs and services from UK to persons throughout the state through its Evening School, Off-Campus Credit Programs, Workshops and Non-Credit Programs, and Office of Conferences and Institutes. The Division utilizes services of the Statewide Division of Continuing Education and cooperates with all other campuses of the University in statewide extension activities.

**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 Service, the Center for Government Training, the Center for Industrial Services, and the Technical Assistance Center. In addition, the Institute jointly supports with UT, Knoxville two specialized research and service units, the Environmental 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 $437,908,500. A total of 168 major buildings, 39,496 acres of land, more than $67,070,000 worth of equipment, about $12,000,000 worth of books, and hundreds of small buildings and miscellaneous items constitute the physical plant.

The Knoxville campus is valued at approximately $177,706,000, and the Memorial Research Center and Hospital at $18,673,000. Facilities of the Center for the Health Sciences at Memphis are valued at approximately $68,178,000; the Martin campus, $39,454,000; the Chattanooga campus, $32,760,000; and the Nashville campus, $35,175,000. Facilities at the Tullahoma Space Institute are valued at $3,252,000. Experimental farms, livestock, and other facilities throughout the state have a value of $6,597,000.

Buildings on the main campus and agriculture campus at Knoxville are shown on the map printed in this catalog. A map of the state showing locations of the University campuses and other physical facilities is located on page 12. Maps or aerial photographs showing buildings on the Center for the Health Sciences campus at Memphis and the Martin campus are printed in the catalogs 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 had some 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 subordinate department. The institution later restricted enrollment to men, but reverted to its present coeducational 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 Tennessee 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 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 establish colleges for agricultural education 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 31 different colleges and schools, and it has become statewide in its physical locations as well as its services. The Center for the Health Sciences, founded in 1903 and taken over by the University in 1879, was moved to Memphis in 1911. The Martin campus was established in 1900 as a private institution, Hall-Moody Junior College, and it became a part of The University of Tennessee in 1927. The School of Social Work also became a 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 for 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 95 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 and the College of Veterinary Medicine:

Director of Admissions
The University of Tennessee
Knoxville, Tennessee 37916
(615) 974-3251

For readmission 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 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 College of Nursing), and Pharmacy, and programs in the allied health professions, administered by The University of Tennessee Center for 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 for Applications

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, except as noted below.

Applications for the College of Veterinary Medicine must be received by the Director of Admissions by January 15 for admission into the fall quarter.

Applications for the School of Architecture must be received no later than March 1 for admission to the summer and fall quarters. Selection will be made by April 1.

November 1 is the deadline for applications for the spring quarter; enrollment is closed for the winter quarter. Applications for the College of Nursing must be received by March 1. Selection will be made by April 1; enrollment is closed for the winter and spring quarters.

Former students who have been dropped from the University for academic deficiency 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 admissions 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.

ACT tests are administered five times each year, in October, December, February, April and July. Score 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.

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).

AMERICAN HISTORY

All Applicants—Effective July 1, 1978, and afterwards, all students receiving a bachelor's degree must have completed one unit of American history on the high school level or nine quarter hours of college American history in order to receive a bachelor's degree as required by the General Assembly of the State of Tennessee.

Residency Classification

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 producing evidence of domicile to the University's satisfaction, proving 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 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.

Residency classification may be appealed to the following University offices or persons in order as listed. (1) Respective Admissions Office—undergraduate students appeal to Admissions Office, 320 Student Services Building; graduate students appeal to Graduate Office, 115 Student Services Building; law students appeal to Law Admissions Office, 112 Law Building; veterinary medicine students appeal to Admissions Office, 320 Student Services Building; (2) Residency Classification Coordinator, 320 Student Services Building; and (3) Residency Classification Committee, 320 Student Services Building.

Admission to the University's professional programs (health professions [see p. 180], 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>
<tr>
<td>Bible</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>French</td>
<td>4</td>
</tr>
<tr>
<td>Geography</td>
<td>1</td>
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<tr>
<td>Geology</td>
<td>0.5</td>
</tr>
<tr>
<td>Geometry</td>
<td>1.5</td>
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</tbody>
</table>

Group B

<table>
<thead>
<tr>
<th>MAXIMUM UNITS</th>
<th>MAXIMUM UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>4</td>
</tr>
<tr>
<td>Distributive</td>
<td>Other subjects accepted for high school graduation, each field of study</td>
</tr>
<tr>
<td>Engineering</td>
<td>2</td>
</tr>
<tr>
<td>drawing</td>
<td>2</td>
</tr>
<tr>
<td>Home Economics</td>
<td>4</td>
</tr>
<tr>
<td>ROTC</td>
<td>1</td>
</tr>
<tr>
<td>Shopwork</td>
<td>2</td>
</tr>
</tbody>
</table>
Units—Entrance requirements are stated in terms of units. A unit represents nine months of study in a subject in a secondary school, constituting approximately a quarter of a full year's work. A four-year secondary school curriculum should be regarded as representing 16 units of work as a minimum.

Unit Requirements—For admission 16 units, with high school graduation, are required as specified on the following pages. Graduates of Tennessee high schools must meet the requirements 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 require specific high school units for admission beyond the general University admissions requirements. These are shown in Table II.

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 must be admitted as 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 UT.

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;
3. Evidence of English proficiency according to the following requirements for students whose first language is not English:
   a. Any applicant to the undergraduate program whose first language is not English—with the exception of some transfers from certain colleges or universities in the United States (see b below)—must present a TOEFL score of at least 525 (earned within two years prior to application) before being admitted; final consideration cannot be granted until test results are received by the Director of Admissions. Then The University of Tennessee English Proficiency Test must be taken prior to registration; this test will determine whether the student needs to take more English and, if so, at what level. Students assigned to special English courses must enroll the first quarter of attendance, stay continuously enrolled in the assigned courses, and complete all requirements, and complete the requirements within the first year for continued enrollment at The University of Tennessee, Knoxville.
   b. An undergraduate student whose first language is not English is exempted from taking the UK English Proficiency Test and from presenting a TOEFL score of 525 provided that the student has satisfactorily presented for freshman composition with a grade of C or better at a college or university in the United States which is accredited by a regional association.
   c. A United States citizen or permanent resident whose first language is not English but who has graduated from a high school in the United States, or from its equivalent secondary school in a country whose first language is English, may be admitted under the conditions that apply to United States citizens whose first language is English. Any other United States citizen or permanent resident whose first language is not English must conform to the regulations stated in a.

A fee of ten dollars, in addition to regular tuition and fees, will be charged each applicant who takes The University of Tennessee English Proficiency Test. The English Proficiency Test, which grants no credit, is to be distinguished from other forms of proficiency testing which do grant credit.

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 may be granted 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 academic 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 may be given for any academic course offered for undergraduate credit and students may obtain the privilege of taking the examination on recommendation of the professor in the department and approval of the Registrar. See additional discussion on page 28.

Faculty Advising

Once students are admitted, the University will assign responsibility 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 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 elects. Similarly, it is the full responsibility of all students to meet the requirements of their program in their order, so that they may not in the senior year find themselves ineligible for graduation. Each quarter one-third of the student body, designated alphabetically, is required to have an advising conference sometime within a four-week period early in the quarter. These students will be allowed to preregister for the ensuing quarter only upon presenting evidence of such a conference.

All beginning students, and former students whose grade point averages are below 2.00, must have approved 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, 900 Volunteer Boulevard, 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.

Special State and Federal Laws for Educational Purposes

AMERICAN HISTORY

Effective July 1, 1978 and afterwards, all students receiving a bachelor's degree must have completed one unit of American history on the high school level or nine quarter hours of collegiate American history in order to receive a bachelor's degree as required by the General Assembly of the State of Tennessee (Tennessee Code Annotated 549-3253).

EEO/TITLE IX/SECTION 504 STATEMENT

The University of Tennessee, Knoxville does not discriminate on the basis of race, sex, color, religion, national origin, age, handicap, or veteran status in provision of educational opportunities or employment opportunities and benefits.

UTK does not discriminate on the basis of sex or handicap in the education programs and activities which it operates, pursuant to the requirements of Title IX of the Education Amendments of 1972, Pub. L. 92-318, and Section 504 of the Rehabilitation Act of 1973, Pub. L. 93-112, respectively. This policy extends to both employment by and admission to the University.

Inquiries concerning Title IX and Section 504 should be directed to the Office of the Vice Chancellor for Planning and Administration, 525 Andy Holt Tower, 974-4391. Charges of violation of the above policy should also be directed to the
<table>
<thead>
<tr>
<th>Admissions Category</th>
<th>Admissions Requirements¹,²,³</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN 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 having neither 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>FRESHMAN Out-of-State</td>
<td>Same as for in-state freshman 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>FRESHMAN—GED</td>
<td>Applicant’s high school class must have graduated; must be at least 18 years old; average standard score of at least 50 on the high school level General Education Development Tests; completion of high school units required for the program student seeks to enter, as specified in Table II.</td>
</tr>
<tr>
<td>FRESHMAN—EARLY ADMISSION</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 freshman; nomination by the student’s high school principal and consent of parents; review and approval by the Director of Admissions.</td>
</tr>
<tr>
<td>TRANSFER 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 Retention Standards).¹</td>
</tr>
<tr>
<td>TRANSFER 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.¹</td>
</tr>
<tr>
<td>SPECIAL STUDENT</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>

¹Grade point averages are expressed on a 4.00 scale.
²Applicants refused admission may appeal to the Committee on Admissions, Office of Admissions, 320 Student Services Building.
³See Special Requirements for International Students.
⁴Transfer applicants for the School of Architecture must have a college grade point average of 2.30. Transfer applicants for the College of Communications must have an average of at least 2.00. Transfer applicants who have attempted at least 30 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>
<thead>
<tr>
<th>College/Degree Sought</th>
<th>English</th>
<th>One Foreign Language</th>
<th>Algebra</th>
<th>Trigonometry</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>
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<tr>
<td>COLLEGE OF AGRICULTURE</td>
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<tr>
<td>Bachelor of Science in Agriculture</td>
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<tr>
<td>Bachelor of Science in Agricultural Engineering</td>
<td>3</td>
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<td>.5</td>
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<td>11</td>
<td>11</td>
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<td>SCHOOL OF ARCHITECTURE</td>
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<tr>
<td>Bachelor of Architecture</td>
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<td>1</td>
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<tr>
<td>A second unit of algebra may be offered in lieu of geometry.</td>
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<tr>
<td>These units allow admission to first-year pre-architectural program. Admission to the second year requires: (1) satisfactory completion of first year architectural program with grade point average at least 2.3, exceptions may be made by petition only, (2) a personal interview and evaluation of applicant's work by a designated 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.</td>
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<tr>
<td>COLLEGE OF BUSINESS ADMINISTRATION</td>
<td>3</td>
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<td>.5</td>
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<td>12</td>
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<tr>
<td>Bachelor of Science in Business Administration</td>
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<tr>
<td>A unit of advanced mathematics or trigonometry may be offered in lieu of the second unit of algebra or the unit of geometry.</td>
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<td>12</td>
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<tr>
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<td>A second unit of algebra may be offered in lieu of geometry.</td>
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<td>COLLEGE OF EDUCATION</td>
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<tr>
<td>Bachelor of Science in Education</td>
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<td>Three units of science, including physics, are recommended.</td>
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<tr>
<td>COLLEGE OF HOME ECONOMICS</td>
<td>3</td>
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<td>.5</td>
<td>12</td>
<td>12</td>
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<tr>
<td>Bachelor of Science in Home Economics</td>
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<tr>
<td>A second unit of algebra may be offered in lieu of geometry.</td>
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<tr>
<td>COLLEGE OF LIBERAL ARTS</td>
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<td>Bachelor of Arts; general and pre-professional curricula</td>
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<td>Bachelor of Fine Arts</td>
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<td>Bachelor of Music</td>
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<tr>
<td>Pre-medical technology, and pre-physical therapy programs</td>
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<tr>
<td>Bachelor of Science in Chemistry</td>
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<td>Two-year pre-pharmacy program</td>
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<tr>
<td>Two-year pre-nursing program</td>
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<td>A second unit of algebra may be offered in lieu of geometry. See College of Liberal Arts section, page 179, for discussion of language requirements.</td>
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<tr>
<td>A second unit of algebra may be offered in lieu of geometry; a unit of history or social science is required.</td>
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<td>A second unit of algebra may be offered in lieu of geometry.</td>
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<tr>
<td>A second unit of algebra may be offered in lieu of geometry. One unit of chemistry is recommended.</td>
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## MAJORS, MINORS, CONCENTRATIONS AND TRACKS

**TABLE III**  
CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR  
DEGREE

<table>
<thead>
<tr>
<th>DEPARTMENT (UNIT)</th>
<th>MAJOR</th>
<th>CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR</th>
<th>DEGREE</th>
</tr>
</thead>
</table>
| Institute of Agriculture  
College of Agriculture  
Agriculture (Interdepartmental Unit) | Agricultural Biology | Agricultural Business | Bachelor of Science in Agriculture |
| | | Agricultural Economics and Rural Sociology | Bachelor of Science in Agriculture |
| | Agricultural Education  
(Intercollegiate program with the College of Education) | Agricultural Education | Bachelor of Science in Agriculture |
| | Agricultural Engineering | Agricultural Engineering | Bachelor of Science in Agricultural Engineering |
| | | Agricultural Mechanization | Bachelor of Science in Agriculture |
| | | a. Business and Industry Option  
b. Production and Processing Option | |
| Agricultural Extension Education | Animal Science | Animal Science | Bachelor of Science in Agriculture |
| | | 1. Animal Science  
2. Pre-Veterinary Medicine Option  
3. Animal Science Curriculum with a Pre-Veterinary Option (3—1) | Bachelor of Science in Agriculture |
| Food Technology and Science  
Forestry, Wildlife and Fisheries| Food Technology and Science | Food Technology and Science | Bachelor of Science in Agriculture |
| | | Forestry | Bachelor of Science in Forestry |
| | | 1. Forest Resource Management Option  
2. Forest Recreation Option | |
| | Wildlife and Fisheries Science | Wildlife and Fisheries Science | Bachelor of Science in Wildlife and Fisheries |
| Ornamental Horticulture and Landscape Design | Ornamental Horticulture and Landscape Design | Bachelor of Science in Agriculture |
| Plant and Soil Science | Plant and Soil Science | Bachelor of Science in Agriculture |
| Institute of Agriculture  
College of Veterinary Medicine  
Animal Science—Veterinary Medicine  
Environmental Practice  
Microbiology—Veterinary Medicine  
Pathobiology  
Rural Practice  
Urban Practice  
Veterinary Medicine (Interdepartmental Unit) | Veterinary Medicine | Veterinary Medicine | Doctor of Veterinary Medicine |
| School of Architecture  
School of Architecture | Architecture\(^1\) | Design Concentration  
a. Architectural Design Tract  
History/Humanities Concentration  
a. Architecture History Tract  
b. Criticism Tract  
c. Restoration/Preservation Tract  
Administration Concentration  
a. Management Tract  
b. Production Tract  
c. Development Tract  
Technology Concentration  
a. Structure Tract  
b. Environmental Controls Tract  
c. Systems Building Tract  
Second Baccalaureate Degree Program | Bachelor of Architecture |
| College of Business Administration  
Accounting and Business Law  
Business Administration (Interdepartmental Unit) | Accounting | Accounting Management Science Option | Bachelor of Science in Business Administration |
| | General Business | General Business Management Science Option | Bachelor of Science in Business Administration |
| | Public Administration | Bachelor of Science in Business Administration |

\(^1\)Minor available for students in other colleges.
<table>
<thead>
<tr>
<th>DEPARTMENT (UNIT)</th>
<th>MAJOR</th>
<th>CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR</th>
<th>DEGREE</th>
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<tbody>
<tr>
<td>Economics</td>
<td>Economics</td>
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<td>Bachelor of Science in Business Administration</td>
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<tr>
<td>Finance</td>
<td>Banking</td>
<td>Business Finance and Financial Management</td>
<td>Bachelor of Science in Business Administration</td>
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<tr>
<td></td>
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<td>Finance Management Science Option</td>
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<td></td>
<td>Investments and Security Analysis</td>
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<td></td>
<td>Monetary Theory and Policy</td>
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<td>Public Finance and Fiscal Policy</td>
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<td>Insurance</td>
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<td>Real Estate and Urban</td>
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<td>Real Estate and Urban Development</td>
<td>Bachelor of Science in Business Administration</td>
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<td>Development</td>
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<td>Operations Management/Management Science Option</td>
<td>Bachelor of Science in Business Administration</td>
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<td>Personnel Management/Management Science Option</td>
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<td>Marketing</td>
<td>Marketing Management Science Option</td>
<td>Bachelor of Science in Business Administration</td>
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<tr>
<td>Office Administration</td>
<td>Business Education</td>
<td>Shorthand</td>
<td>Bachelor of Science in Business Administration</td>
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<tr>
<td></td>
<td>(Intercollegiate with the</td>
<td>Distributive Education/Bookkeeping and Business Law/Sales Processing</td>
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<td></td>
<td>College of Education)</td>
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<td>Office Administration—General</td>
<td>Statistics Management Science Option</td>
<td>Bachelor of Science in Business Administration</td>
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<td></td>
<td>Office Administration—Secretarial*</td>
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<td>Statistics</td>
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<td>Bachelor of Science in Business Administration</td>
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<td>Advertising</td>
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<td>Bachelor of Science in Communications</td>
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<tr>
<td>Broadcasting</td>
<td>Broadcasting</td>
<td>Management Sequence/News and Public Affairs Sequence/Production/Performance Sequence</td>
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<td>School of Journalism</td>
<td>Journalism</td>
<td>News-Editorial Sequence</td>
<td>Bachelor of Science in Communications</td>
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<td></td>
<td></td>
<td>a. Writing</td>
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<td>b. Editing</td>
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<td>c. Writing and Editing</td>
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<td></td>
<td>Public Relations Sequence</td>
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<td></td>
<td></td>
<td>a. Urban or Governmental Public Relations</td>
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<td>b. Educational Public Relations</td>
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<td>c. Industrial or Corporate Public Relations</td>
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<td>d. Other Areas</td>
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<td>Art Education</td>
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<td>Bachelor of Science in Education</td>
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<td>Art and Music Education</td>
<td>Music Education</td>
<td>Vocal Music (Voice Principal)/Vocal Music (Piano or Organ Principal)/Elementary Music Education (Voice Principal)</td>
<td>Bachelor of Science in Education</td>
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<td></td>
<td>Elementary Music Education (Piano or Organ Principal)/Instrumental Music</td>
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<td>Continuing and Higher Education</td>
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*Certificate available for two year secretarial program.
<table>
<thead>
<tr>
<th>DEPARTMENT (UNIT)</th>
<th>MAJOR</th>
<th>CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR</th>
<th>DEGREE</th>
</tr>
</thead>
</table>
| Curriculum and Instruction          | Elementary Education or Mathematics Education | Elementary Education  
Nursery School-Grade 3  
(Intercollegiate with the College of Home Economics)  
Kindergarten through Grade 8  
1. Art  
2. Black Studies  
3. Child Studies  
4. Early Childhood Education  
5. Foreign Language  
6. Health and Physical Education  
7. Humanities  
8. Language Arts  
9. Library and Information Science  
10. Mathematics  
11. Middle School  
12. Music  
13. Science  
14. Social Science  
15. Special Education  
a. Crippling and Special Hearing Conditions  
b. Partially Seeing  
English Education                    |                                | English Education  
Foreign Language Education          | Foreign Language Area          | Bachelor of Science in Education            |
|                                     |                                | Foreign Language Major and Minor                                                                                  | Bachelor of Science in Education            |
| Mathematics Education               | Mathematics and Physical Sciences  
Mathematics and Related Sciences  
Mathematics and Computer Sciences  
Mathematics Major with a Minor      | Mathematics Education          | Bachelor of Science in Education            |
| Science Education                   | 1. Area Majors in Science  
a. Biological Science  
b. Earth and Environmental Sciences  
c. Natural Science  
2. Subject Majors in Science        | Science Education              | Bachelor of Science in Education            |
| Social Science Education            | Social Studies  
Specific Subject Major            | Social Science Education       | Bachelor of Science in Education            |
| Educational Administration and Supervision |                                | Educational Administration and Supervision                                                                 | Bachelor of Science in Education            |
| Educational Psychology and Guidance | Psychology Education           | Educational Psychology and Guidance                                                                                | Bachelor of Science in Education            |
| Special Education and Rehabilitation | Special Education              | Special Education              | Bachelor of Science in Education            |
|                                     | General Special Education  
Combined General Special Education in Elementary Education  
Hearing Impaired  
a. Specialization in Early Childhood Development  
b. Specialization in Elementary Education  
c. Specialization in Secondary Education  
d. Specialization in Multiple Handicapped Speech and Hearing Partially Seeing | Special Education and Rehabilitation | Bachelor of Science in Education            |
| Vocational-Technical Education      | Business Education (Intercollegiate with College of Business Administration) | Vocational-Technical Education                                                                                   | Bachelor of Science in Education            |
|                                     | Distributive Education         | Distributive Education         | Bachelor of Science in Education            |
|                                     | Industrial Education           | Industrial Education           | Bachelor of Science in Education            |
|                                     | Option 1. Concentration in Trades and Industries  
Option 2. Concentration in Industrial Arts | Industrial Education           | Bachelor of Science in Education            |
<table>
<thead>
<tr>
<th>DEPARTMENT (UNIT)</th>
<th>MAJOR</th>
<th>CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR</th>
<th>DEGREE</th>
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<tbody>
<tr>
<td>School of Health, Physical Education and Recreation</td>
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<td>Health and Safety Education†</td>
<td>Public Health Education</td>
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<td></td>
<td>School Health Education</td>
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<td>Bachelor of Science in Education</td>
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<tr>
<td>Physical Education†</td>
<td>Physical Education</td>
<td>Elementary Physical Education (1-9)*</td>
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<td>4. Coordinated Undergraduate Program in Dietetics (ADA)</td>
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<th>CONCENTRATION/OPTION/TRACK/ETC. WITHIN THE MAJOR</th>
<th>DEGREE</th>
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<td>3. General Crafts</td>
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<td>2. Child Care and Guidance Endorsement</td>
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<td>3. Clothing Management, Production and Services Endorsement</td>
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<td>Latin*</td>
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†Program under revision.  
*Minor available.  
**Minor available in Women’s Studies.
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<td>Concentration in Speech* Concentration in Theatre* Concentration in General Speech</td>
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<td>Graduate School of Library and Information Science*</td>
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*Minor available.
*Minor available in Portuguese.
*Minor available to students in the College of Education and the College of Liberal Arts.
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, NC, NG, P, S, SI, and W have been received.

Undergraduate students are graded on the following scale:

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Performance</th>
<th>Quality Points Per Quarter Hour of Credit</th>
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<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4</td>
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<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
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<td>D</td>
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<td>F</td>
<td>Failure</td>
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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 I carries no quality points and counts as a failure in the computation of grade point average until removed. 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 failure to complete a course satisfactorily when taken on an S/NC basis.

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 below.

W (withdrawal) is assigned in courses from which a student is 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 the student usually does well and, motivated by 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 the 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 not repeat a course for S/NC if the student received a conventional grade (A, B, C, D, 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, B, or C to an S and 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.

Graduate Students and undergraduates taking courses for graduate credit are graded as follows:

A - (4 quality points per quarter hour); indicates superior work.
B+ - (3.5 quality points per quarter hour); indicates above satisfactory work.
B - (3 quality points per quarter hour); indicates satisfactory work.
C+ - (2.5 quality points per quarter hour); indicates performance less than expected.
C - (2 quality points per quarter hour); indicates work of borderline quality. This grade represents work below the standard expected of graduate students.
D — (1 quality point per quarter hour); indicates clearly unsatisfactory work and carries no graduate credit.
F — (no quality point value); indicates extremely unsatisfactory work.
I — (no quality point value); indicates that the student has done satisfactory work in the course, but, because of circumstances beyond control, has been unable to finish all requirements. It is not to be given to enable a student to do additional work to raise a deficient grade. All incompletes must be removed within 2 quarters. If a supplementary grade report has not been received in the Graduate Office one week prior to the end of the second quarter, the I will be converted to an F. The incomplete will not be counted in the cumulative average until a grade is assigned. No student may graduate with an I on the record.
S/NC — (carries credit hours, but no quality point value); S is equivalent to B or better and NC means no credit earned. NC grades may be repeated for an S. S/NC grading is allowed only where indicated in the Graduate Catalog. S/N is used for courses which culminate in a thesis, dissertation, or preliminary examination. The grade taken on the value of the S when the thesis or dissertation is accepted by the Graduate School. The number of S/NC courses to be allowed in a student’s program of study shall be limited to one-fourth of the course work hours required (excluding thesis or dissertation) in a program. (This would be 9 hours or 12 hours in a 45-hour non-thesis program or 18 hours in a doctoral program of 72 hours excluding dissertation hours.)

Graduate students are required to make an overall minimum grade average of B in courses taken for graduate credit. No graduate student will be allowed to repeat a course except in the purpose of raising a grade already received. Transferred work will not be counted in computing the grade average on courses completed in Graduate School.

Law courses 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. Some courses are graded on an S/NC basis.

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 following the last day before commencement, providing that successfully passing these courses will make the senior eligible for graduation.

FRESHMAN ENGLISH
English 1010, 1020, 1031-32-33, 1018-28-38, 1211, 1221, 1431, 1441 and 1451 are offered on a system of A, B, C, I, NC, W grading.

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 started as soon as possible after the student has been notified of the deficiency and it shall continue until the student’s performance in English has been declared satisfactory by the laboratory instructor.

Registration
Dates for orientation and registration are announced to new transfer and freshman students when the Certificate of Admission is issued. Graduate students are instructed to register upon receipt of their Admission Status. Former students who have been absent from UTK other than the summer term and students who have withdrawn from the previous quarter will receive registration information with their letter of readmission. Law students should consult the Admissions Office, College of Law. Students enrolled in that college and in the College of Veterinary Medicine will be governed by the University’s registration date changes unless specified differently by the college.

REQUIREMENTS FOR REGISTRATION OF ADMITTED STUDENTS
Medical Sciences. Though a physical examination is not required, a Medical History Questionnaire is sent to all admitted students and must be completed by the student, parent or other responsible party who is familiar with the student’s medical history. Such information will facilitate University physicians in providing continuing health care. This form must be returned to the Student Health Service before enrollment.

Participation in Orientation. Beginning freshmen 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.

FIRST CLASS MEETING
Students who fail to attend the first class meeting without prior arrangement with the department may be dropped from the course to make their spaces available to other students. Students have the responsibility to assure that they have not been dropped, regardless of whether they are liable for a grade of “F” in the course.

MAXIMUM HOURS PER QUARTER
Undergraduate students may enroll for a maximum of 19 credit hours each quarter unless a lower maximum is specified by the colleges or school to which the student is enrolled. Enrollment in more than 19 hours must be approved by the dean of the student’s college or school. Graduate students may enroll for a maximum number of 15 credit hours each quarter. Enrollment in more than 15 hours must be approved by the Vice Chancellor for Graduate Studies and Research or the Dean for Graduate Studies. Law and Veterinary Medicine students may enroll for the maximum number of credit hours each quarter as specified by the respective college.

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. A course may be added without departmental permission through the seventh calendar day counted from the beginning of classes. Due to the nature of some courses, permission of the department head or course instructor is required. Change of section within a given course must be made in accordance with departmental policy and in all instances no later than seven calendar days counted from the beginning of classes. The student has the responsibility to process section changes. Otherwise proper credit may not be received after classes begin. 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. The respective dean of students who leave the University prior to the completion of a quarter report their withdrawal to this office.

Withdrawals 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 instructor, who will then inform the instructors that the grade in those courses is automatically W. Graduate students should consult the Graduate 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. Students are permitted to drop a course through the fifth calendar day counted from the beginning of classes without any notation on the academic record.

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

Dropping Courses or Withdrawing from the University after Mid-Term (55 calendar days). An undergraduate or graduate student withdrawing from a course, or from the University, after 35 calendar days from the start of classes will receive the grade of F unless it can be demonstrated that the request for withdrawal is based on circumstances beyond the student's control. Examples of circumstances beyond the student's control are illness or injury of the student (verified by the Student Health Service or private physician), or necessary change in work schedule occurring after the drop deadline (verified by the student's employer). Examples of causes which are within the student's control and which would not be acceptable to grant withdrawal permission are improper registration on the part of the student, or failure to achieve academically.

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 Level
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 "G" will precede the course credit hours on the grade report.
5000-5999 Graduate, sometimes available for undergraduate credit; when taken for undergraduate credit, the letter "U" will precede the course credit hours on the grade report.
6000-6999 Advanced graduate; open to graduate students only.
7000-8999 Law; occasionally open to other qualified students.
9000-9999 Veterinary Medicine.

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 2.00 is required to begin upper-division work.

Classification
Undergraduate, law, and veterinary medicine 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, including the full summer quarter. Six hours for each separate term of the summer session are required for full-time classification. Audit hours are not considered in the computation.

Teacher Certification
Teacher certification is a responsibility of the College of Education of The University of Tennessee, Knoxville. Students desiring certification must meet general requirements of the College of Education and area of specialization. Requirements described in the College of Education section of this catalog. In keeping with the requirements of the Department of Education, programs leading to teacher certification include a minimum of 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 broad range of educational honors 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 classes 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 Retention Standards
To be eligible to continue at The University of Tennessee, Knoxville an undergraduate student must maintain a cumulative grade point average at or above the minimum acceptable level shown in the chart below. There are additional restrictions in individual programs, such as nursing and architecture, and the appropriate section of this catalog should be consulted.

<table>
<thead>
<tr>
<th>Total Quarter Hours Attempted</th>
<th>Minimum Acceptable Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-35.9</td>
<td>1.00</td>
</tr>
<tr>
<td>36-83.9</td>
<td>1.50</td>
</tr>
<tr>
<td>84 and above</td>
<td>2.00</td>
</tr>
</tbody>
</table>

A student whose grade point average falls below the minimum acceptable level in any quarter will be placed on academic probation for the subsequent quarter of enrollment. During the probationary quarter the student must attain the minimum acceptable average shown above, or a 2.00 average for that quarter, or be dropped from the University.

A transfer student who has been conditionally admitted and fails to meet the regular University standards of retention during the probationary quarter, or any subsequent quarter prior to attaining good standing, will result in the student's being dropped from the University and being ineligible to make application for readmission for three academic quarters.

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 quarters prior to attaining good standing, will result in the student's being dropped from the University and being ineligible to make application for readmission for three academic quarters.

Readmission
A student in good academic standing who has withdrawn from school or has been absent for a quarter other than the summer quarter must make application for readmission.

A student who has been dropped academically 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
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 quarter is considered a regular academic quarter in satisfying the requirement for an unencumbered absence due to academic deficiency.

C. Quarter hours attempted are used only for determining the minimum acceptable level for the grade point average. Satisfactory/unsatisfactory credit hours are included in hours attempted but excluded in calculating minimum cumulative grade point average requirements for retention and graduation.

D. Students who transfer to other accredited colleges or universities must submit official transcripts and have an acceptable cumulative grade point average before being registered at the University.

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

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

G. The 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. A student will not be readmitted when the record indicates a very low probability of success in college work.

H. No student admitted by the Committee on Readmissions may be permitted to reenter the University without the approval of the Committee.

I. There will be no tentative readmissions.

J. Students in architecture and nursing are advised to note the special requirements as stated in those sections of this catalog.

Comment: The University of Tennessee, Knoxville is committed to helping students overcome academic deficiencies. A letter advising of academic probation will be sent about the same time as the quarterly grade report. This letter will advise students of the standard requirements listed below. It should be noted that some of the colleges and schools within the University have special requirements above and beyond those stated here, and students are advised to consult their colleges of the requirements in this catalog for any further degree requirements. Each program presented by the candidate for the bachelor's degree is reviewed by the academic dean of the University of Tennessee, Knoxville. Work taken for credit through the University's Continuing Education programs in courses presented by the faculty of the Knoxville campus may be counted as part of the degree requirements, with the exception of the correspondence credit limitations as noted below. Special arrangements will be made to allow work taken at other institutions to be counted as part of the degree requirements. This requirement is effective for those graduating July 1, 1978 or afterwards. It may be satisfied by completing History 2510-20 (or 2518-28) and History 2511 or 2521. History 3311 or 3321 may be used in lieu of three hours of American history.

Students should consult the catalog for enrollment to determine how the nine hours of credit for fulfillment of this requirement is to be included in the individual curricula. Students should consult the catalog for details.

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

9. Pay to the Treasurer's Office a $10.00 graduation fee no later than the beginning of the quarter of graduation.

10. File an application for a degree with the Registrar's Office for students in residence. At least two weeks before the date of graduation.

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 45 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 3.0 grade point average, may take sufficient work for graduate credit to fill out a schedule of 15 hours of combined undergraduate and graduate work. Maintain a grade point average of at least 3.0 in the last 45 hours of the total credit hours required for the degree sought and have this work count toward the degree. Credit for undergraduate courses in correspondence in the major subjects shall be limited to one-fourth of the total credit hours required. Correspondence credits are not recognized by the College of Law or—except by prior permission—by the Center for the Health Sciences.

All courses taken by correspondence for which degree credit is given must meet degree program requirements of the University of Tennessee, Knoxville. Degree credit will not be granted for correspondence courses taken at an institution other than the University of Tennessee by a UTK student if an equivalent correspondence course is available from the University of Tennessee Correspondence program.

A senior may take only nine hours of the last year's work (the last 45 hours offered for the degree) by correspondence, and this must be taken
with The University of Tennessee, Knoxville. If the student is a senior transfer, no transcript can be taken by correspondence or extension.

Students taking work for certification purposes should consult the State Department of Education of their respective profession concerning the amount of extension and/or correspondence credit allowed for a teacher’s certificate.

**Proficiency Examination**

A proficiency examination may be given in any academic course offered for undergraduate credit. The University policy is to reserve to departments the decisions as to which courses, if any, cannot be passed by proficiency examinations. However, the University faculty feels that it is a rare course for which mastery cannot be tested by appropriate examination(s).

When applying to a department for a proficiency examination, a student should present evidence of having developed the abilities, knowledge, and attitudes expected of those who have taken the course in question. The giving of the examination must be approved by the head of the department in which the course is offered. A fee of $10.00 per course will be paid in advance at the Office of the Registrar.

Subject to the grading policy of the college in which the student is enrolled, and except for courses which are graded only on an S/NC basis, a student who passes a proficiency examination and who wishes to have the grade recorded can choose to take the grade on the examination (A, B, or C) or take an S. An S gives credit for the course but does not affect the grade point average. If a grade of D or F is made on a proficiency examination, the department is expected to note the attempt but no record of the examination is made on the student’s transcript. The maximum credits obtainable through proficiency examinations and the use of proficiency examinations to remove failing grades (also the grade of I) are determined by the department offering the proficiency examination.

Entering international students, whose native language is not English, are required to take the UTK English Proficiency Examination to determine placement in the appropriate English course. The regular proficiency examination fee of $10.00 is charged. However, no credit for any English courses is awarded through this special examination.

**CLEP Credit**

When approved by a given department, nationally recognized examinations, such as the appropriate subject examinations of the College Level Examination Program (CLEP) are recognized by the College Entrance Examination Board. The average of credit hours and the specific courses for which such examinations are to be taken as evidence of acceptable proficiency. The University may charge a fee of $5.00 for the evaluation of such an examination.

**CLEP CREDIT FOR FRESHMAN COMPOSITION**

i. Under the two conditions listed below, entering freshmen may be allowed credit in English Composition for the CLEP General Examination in English Composition or for the CLEP Subject Examination in either College Composition or Freshman English, provided that the examination selected include a writing sample:

   a) Students entering with a CLEP score of at least 650 on the General or 65 on the Subject Exam (approximately 93rd percentile) and with ACT scores of 25, English and Composite, may take a sophomore English course, preferably Literature of the Western World. If they earn a B in it, they will receive credit for 1010-20-31 with a grade of B; if they earn an A in it, they will receive credit for 1010-20-31 with a grade of A.

   b) Students entering with a CLEP score of at least 600 on the General or 60 on the Subject Exam (approximately 84th percentile) and with ACT scores of 25, English and Composite, may take Honors Freshman Composition 1038. If they earn an A in it, they will receive credit for 1018-28 with a grade of A. If they earn a B in 1038, their grade in 1018-28 will be either S or B.

ii. Students transferring into the university with lower-division credit for any CLEP composition score of at least 550 or 65 may have that credit substituted for the appropriate freshman course(s) provided a) that they have already passed a sophomore literature course or courses with an average grade of at least B, and b) that those with less than junior standing pass a sophomore or upper-division English course at the University with a grade of at least B.

**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 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.

If, at graduation, a student’s cumulative grade point average would allow a higher honors category than that determined at the end of the quarter preceding the graduation quarter, the student may, upon written request, receive a substitute diploma indicating the higher 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 be consulted for assistance in planning an accelerated program.

**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 Accountancy.
- Master of Arts.
- Master of Arts in College Teaching.
- Master of Business Administration.
- Master of Engineering.
- Master of Fine Arts.
- Master of Mathematics.
- Master of Music.
- Master of Nursing.
- Master of Public Administration.
- Master of Public Health.
- Master of Science.
- Master of Science in Library Science.
- Master of Science in Planning.
- 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.
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.

College of Nursing
Bachelor of Science in Nursing.

College of Veterinary Medicine
Doctor of Veterinary Medicine.

CENTER FOR THE HEALTH SCIENCES
(See CHS Bulletin)

Graduate School—Medical Sciences
Doctor of Philosophy.
Master of Science.
Master of Science in Forensic Toxicology.

College of Medicine
Doctor of Medicine.

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

College of Pharmacy
Bachelor of Science in Pharmacy.
Doctor of Pharmacy.

College of Nursing
Bachelor of Science in Nursing.
Master of Science in Nursing.

College of Community and Allied Health Professions
Bachelor of Science in Cytotechnology.
Bachelor of Science in Dental Hygiene.
Bachelor of Science in Medical Records Administration.
Bachelor of Science in Medical Technology.
Bachelor of Science in Physical Therapy.
Bachelor of Science in Radiological Technology.

AT CHATTANOOGA
(See Bulletin of UT at Chattanooga)
Bachelor of Arts.
Bachelor of Science.
Bachelor of Science in Engineering.
Bachelor of Science in Nursing.
Master of Business Administration.
Master of Education.
Master of Science.
Master of Science in Engineering.

AT MURFREESBORO
(See Bulletin of UT at Murfreesboro)
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 Chemistry.
Bachelor of Science in Criminal Justice.
Bachelor of Science in Education.
Bachelor of Science in Engineering Technology.
Bachelor of Science in Home Economics.
Bachelor of Science in Natural Resources Management.
Bachelor of Science in Nursing.
Master of Science in Education.
Master of Science in Home Economics.
Master of Business Administration.
Master of Accountancy.

AT NASHVILLE
(See Bulletin of UT at Nashville)
Associate of Science in Fire Science.
Associate of Science in Nursing.
Associate of Science in Office Administration.
Bachelor of Science in Arts and Sciences.
Bachelor of Science in Business Administration.
Bachelor of Science in Education.
Bachelor of Science in Engineering.
Bachelor of Science in Nursing.
Master of Business Administration.
Master of Public Administration (joint TSU-UTN degree).

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. Tuition is required of all students who are classified as non-residents for fee assessment purposes.

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, the insurance will include a low premium cost for the individual student. 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 participation is solicited. Enrollment in the insurance program remains open for a designated period after classes begin. Students wishing to avail themselves of this insurance after arriving on the campus may obtain the application from the Office of Student Health Services. Whether application is made from the 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 the 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 Cards. 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 nontransferable 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 344, University Center. There is a minimum charge for replacement or duplicate ID cards.

Arrangement for Banking while at UTK. Banking arrangements can be made with Knoxville banks. Some Knoxville banks require a waiting period of 10 days before honoring withdrawals, if the deposit is a personal check. New students who wish to open a local checking account are encouraged to deposit a certified check or cashier's check unless they plan to pay initial college expenses by a personal check on a bank account already fully established.

University Fees
University fees and other charges 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 Per Quarter $150.00
Graduate and Law Students Per Quarter $160.00

TUTION (additional for all-out-of-state students) Per Quarter $312.00

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 instate students or the maintenance fee plus tuition for out-of-state students.

**Undergraduate Students:**
- In-State: $17.00 per quarter hour or fraction thereof; minimum charge $51.00
- Out-of-State: $40.00 per quarter hour or fraction thereof; minimum charge $120.00

**Graduate and Law Students:**
- In-State: $23.00 per quarter hour or fraction thereof; minimum charge $69.00
- Out-of-State: $54.00 per quarter hour or fraction thereof; minimum charge $162.00

**UNIVERSITY PROGRAMS AND SERVICES FEE**
- Per Quarter $20.00

All undergraduate and graduate students taking in excess of six quarter hours per quarter will be assessed a University Programs and Services Fee of $20.00 per quarter for the fall, winter, and spring quarters and $15.00 for the summer quarter. Part-time students taking eight 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.

Knoxville campus students taking a course load of six hours may elect to pay the full University Programs and Services Fee.

Graduate and teaching assistants as well as fellowship students who may have waiver of fees (tuition and/or maintenance) must pay the appropriate University Programs and Services Fee.

Students enrolled exclusively at Oak Ridge and Kingsport Graduate Centers are exempt from the University Programs and Services Fee.

**Activities cards are nontransferable 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.): $41.00

Payable at the beginning of the quarter in which the candidate is to be graduated. This fee is nonrefundable and is valid for only four quarters beginning the quarter it is paid.

**DELAYED REGISTRATION SERVICE FEE**

**Graduated Late Service Fee**

Upon receipt of a schedule (full, partial, or incomplete) a student is immediately responsible for payment of fees. Students who preregister for a quarter must pay their fees (or make satisfactory arrangements with the Treasurer's Office) on the regular registration dates. Effective the first regular business day 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. Students are not permitted to preregister but register through the "secondary" registration procedures will be granted two additional days after the final regular registration day. Students whose late service 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 $6.00 third day, $8.00 fourth day, $10.00 fifth day.)

**Additional Late Service Fees**

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 applicable to extension accounts and room and board charges which are not paid (or for which satisfactory arrangements have not been made) within five regular business days after the date payment was due.

Students who have not completed registration and/or paid their appropriate charges (or made satisfactory arrangements with the Treasurer's Office) within ten regular business days after the last regular registration day will be charged a second additional $10.00 late service fee (total $30.00) and may, at the discretion of the University, be automatically withdrawn from school and assessed the appropriate fees as of the date dropped. Only under extenuating circumstances will a student be reinstated after withdrawal for failure to pay fees.

**REINSTATEMENT SERVICE FEE**

- A student withdrawn (or subject to withdrawal) for the above reason (or any other reason) who is reinstated for the quarter will be charged a $10.00 reinstatement service fee.

**RETURN CHECK SERVICE FEE POLICY**

In the event a check given to the University in payment of initial fees and charges fails to clear the bank, the late registration service fee in effect at the time the check is redeemed (or suitable arrangements made) will be assessed, plus a $10.00 Return Check Service Fee (maximum $30.00).

If the student responds promptly to the first notice regarding the returned check but cannot clear the check within a week, the $3.00 Delayed Payment Service Fee will be added to the Late Registration and Return Check Fee (maximum $33.00).

Any student who does not respond promptly and is thereby subject to withdrawal from the University will be assessed the $10.00 Reinstatement Service Fee and the $3.00 Delayed Payment Service Fee (maximum $43.00).

For other student checks in the amount of $30.00 or less (including checks for registration and related charges) returned by the bank, the service charge will be $5.00 if the check is made good within five days from the date of notice and $10.00 if made good after five days from the date of notice; for a bad check in excess of $30.00 (except for initial registration fees), the service charge will be $10.00 if the bad check is made good within five days from the date of notice and $15.00 if made good after five days from the date of notice. If the bank statement indicates it is necessary to withdraw a student from school for failure to clear a check, the $10.00 Reinstatement Service Fee will be added to the other return check service charge.

Only under extenuating circumstances will a student be reinstated after official withdrawal for failure to pay fees or redeem a bad check.

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 Records and a validated fee receipt from the Treasurer’s Office.

The University is authorized by statute to withhold diplomas, grades, transcripts and registration privileges on any student until student debts and obligations (other than Student Loan Fund notes which have not matured) owed to the University are satisfied.

**DEFERRED PAYMENT SERVICE FEE $3.00**

This service fee is 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 a supplemental charge (out-of-state tuition, music fee, room and board adjustments, etc.) is not paid within five regular business days after the date it is incurred. Students are expected to take the initiative to pay all University obligations promptly.

**APPLICATION FEE**

- $10.00

Each first-time undergraduate, graduate, and College of Law application for admission to The University of Tennessee, Knoxville must be accompanied by a fee of $10.00 before it will be processed. This fee is not refundable and is not required for transfers within the University system.

**PROFICIENCY FEES**

- $10.00

Fees for proficiency and substantiating examinations are $10.00 per course. See page 28 for information on proficiency, CLEP, or other organized examinations.

**CO-OP REGISTRATION FEE**

- $5.00

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

REFUND OF FEES AND ADJUSTMENTS FOR WITHDRAWALS AND DROPPED COURSES

Withdrawal from school for the quarter after receipt of schedule must be by official notification to the Withdrawal Office, Student Counseling and Services Center, 900 Volunteer Boulevard. This is necessary whether or not fees have been paid, classes have been attended or the schedule is incomplete. Failure to attend class does not automatically withdraw or drop a student from school or class.

The effective date of withdrawal is the date the Withdrawal Office is notified by completion of the official withdrawal request form. The approximate percentage of fees will be charged unless this action is completed by the close of the last day designated for regular registration and before the first official day of classes for the quarter. Failure to promptly notify the Withdrawal Office when withdrawing could result in a larger fee assessment. Withdrawal does not cancel fees and charges already incurred.

The drop/add procedure must not be used to withdraw from school for the quarter.

For a regular academic quarter, withdrawal within seven calendar days beginning with the first day following regular registration permits an 80 percent fee refund. Withdrawal between eight and 14 calendar days following regular registration permits a 60 percent fee refund. Withdrawal between 15 and 21 calendar days following regular registration permits a 40 percent fee refund. Withdrawal between 22 and 28 calendar days following regular registration permits a 20 percent fee refund. Refunds, in accordance with the withdrawal refund policy, will be made after the drop deadline.

Part-time students may pay fees computed at the appropriate quarter hour rate as indicated above. There is no charge for courses dropped during the first five calendar days following regular registration. There is a 40 percent charge at the quarter hour rate for courses dropped between six and 21 calendar days following regular registration. There is a 100 percent charge for courses dropped after the twenty-first day following registration. Students who drop courses are eligible for a refund only if the sum of the charges computed at the quarter hour rate for the hours continued plus the percentage assessed for the hours dropped results in an amount less than that paid. A course on a student's schedule is officially dropped and becomes effective on the date that the drop/add slip has been processed and recorded by the Admissions and Records Office. The student always has the responsibility of initiating drop/adds. Any refund due for drop fees 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 refunds. 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 regular 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, tuition and fees are assessed at the regular quarter hour rate up to the maximum charge for a complete regular quarter.

The refund policy covering withdrawals and dropped courses for the summer quarter is based on the length of the term for the course(s) dropped. No refund is applicable to term courses dropped later than 14 calendar days after the regular registration day for the course(s) involved.

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 &amp; Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Fee</td>
<td>$450</td>
</tr>
<tr>
<td>Programs &amp; Services Fee</td>
<td>60</td>
</tr>
<tr>
<td>Room and Meals</td>
<td>1,448</td>
</tr>
<tr>
<td>Books, Supplies, etc.</td>
<td>200</td>
</tr>
<tr>
<td>Total for Tennessee Residents</td>
<td>$2,158</td>
</tr>
<tr>
<td>Add for Non-Residents</td>
<td>936</td>
</tr>
<tr>
<td>Tuition</td>
<td>$3,094</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, the housing contract is cancelled 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 the 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, Knoxville, Tennessee 37916.

Off-Campus Housing. Students living in off-campus housing are expected to observe the same rules of conduct and standards that apply to on-campus students. The student is responsible for obtaining off-campus housing. The University does not inspect or approve these facilities. Tenancy conditions for the rental of off-campus housing are between the student and the landlord. Information and assistance in locating off-campus housing is available in the Off-Campus Housing Office located in 336 University Center.

Graduate Students. Single graduate students may be assigned to the residence halls or the single student apartments. For information and application for 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, Knoxville, 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 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 students not under the Board Plan, meals can also be obtained from cafeterias operated on a cash basis.

In addition, the Food Services Department offers a charge plan whereby students can charge meals and may have the bill rendered to their parents monthly.
For the late evening snack or morning coffee break, popular spots on the campus are the vending machines and grills operations. Students are invited to take advantage of the special “theme” meals offered in the University dining facilities throughout the year.

**Student Financial Aid**

The University of Tennessee offers a comprehensive program of financial aid for students who would not be able to attend. Through these federal, state, and University financial assistance programs, an eligible student may receive one or more types of assistance.

Financial need is defined as the difference between a family’s resources and the total expenses of attendance. If there is a deficit, the student is considered to be in need of financial assistance. To assist in determining the need for financial aid, The University of Tennessee utilizes the need analysis system of the College Scholarship Service (CSS). Through completion of the CSS form and the Financial Aid Form (FAF), the Financial Aid Office determines the amount the parents and students could generally be expected to contribute toward meeting educational expenses. For more detailed information on the determination of need, please refer to the brochure entitled, “Financial Assistance for Students.”

The University of Tennessee has three basic types of financial aid—scholarships and grants, loans, and part-time employment. These may be awarded individually or in combination according to the needs of the student. For detailed information on application procedures for each aid program, please refer to the brochure, “Financial Assistance for Students.”

**Scholarships and Grants**

**Scholarships.** The University of Tennessee, Knoxville scholarship program for new and currently enrolled students is 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 Aid Office. Some undergraduate scholarships for currently enrolled students are administered in the various schools and departments.

Most scholarships are awarded to students who demonstrate strong academic achievement and proven need for assistance. There is, however, an academic merit scholarship program based on academic achievement. To compete for merit scholarships only, a student must submit an Application for Student Financial Aid. A financial statement is not necessary. Academic achievement is judged for entering freshmen or transfer students based on the student’s secondary school academic record and scores on the American College Test Battery (ACT). Academic achievement for currently enrolled students and transfer students is judged by the applicant’s collegiate cumulative grade point average.

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 are awarded for one year, with the recipient competing for scholarships each year of enrollment. The Application for Student Financial Aid is a general application, and all applicants will be considered for every scholarship coordinated through the Financial Aid Office.

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

**Basic Educational Opportunity Grants.** This is a federal grant program for undergraduate students displaying a financial need for funds. Because the BEOG is an entitlement program, all students applying for financial assistance based on a financial need must apply for this program. Other forms of financial assistance will not be extended to a student until eligibility for the Basic Grant has been determined.

When the program is fully funded, maximum grants are $1800 and not more than one-half the cost of education. The above regulations and provisions of the Basic Educational Opportunity Grant Program are subject to change by federal legislative action.

**Supplemental Educational Opportunity Grants.** These are federal direct grants available to entering freshmen, transfer, and enrolled undergraduate students with exceptional financial need. Grants may be extended for a maximum of 12 quarters and 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 exceed $500 or more than $1500, or exceed one-half of the student’s need for assistance. The above regulations and provisions of the Supplemental Educational Opportunity Grant are subject to change by federal legislative action.

**Nursing Scholarships.** 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 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.

**The Tennessee Student Assistance Award** is designed to further the opportunity for higher education to residents of the state who display a financial need for assistance. Awards usually cover maintenance fees of approximately three-quarters of attendance. Applications must be submitted to the Tennessee Student Assistance Corporation. A financial statement is also required.

More information may be obtained on these programs by writing to the Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206.

**Student Loans**

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

Loan repayment and interest payments on National Direct Student Loans are deferred until the borrower’s first employment, or as long as the individual remains in half-time attendance at an accredited 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 3 percent per year on the unpaid balance. The maximum repayment period is ten (10) years with the current minimum annual repayment $360 or 10 percent of the accumulated loan, whichever is greater.

If upon graduation a borrower becomes a full-time teacher in a public or nonprofit school which is designated by the commissioner as having a high enrollment of low-income families or becomes a law enforcement officer, 15 percent of the total principal plus interest is cancelled for the first and second year of teaching, 20 percent for the third and fourth years, and 30 percent for the fifth year. If after graduation the student becomes a staff member in a preschool program which is operated for a period comparable to a full school year, 15 percent of principal plus interest will be cancelled for each year of service.

Cancellation for up to 50 percent of the loan will also be given at the rate of 12½ percent of the total principal plus interest 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 loans of $2500 to a maximum accumulated loan total of $10,000. The above regulations and provisions of the National Direct Student Loans are subject to change by federal legislative action.

**The University of Tennessee Student Loans.** Student loans from University sources are available to currently enrolled students with a 2.0 or above cumulative grade point average. A loan of up to $250 per quarter to an annual maximum of $1000 can be extended. One surety or cosigner is required for each promissory note and a new promissory note must be completed each year. The interest is 3 percent per annum payable annually on July 1 of each year. Repayment of the amount borrowed plus any unpaid accrued interest shall begin on the first day of the fourth month following graduation, withdrawal or transfer from The University of Tennessee, Knoxville or when the student ceases to carry at least one-half of the full-time academic workload. Minimum monthly installments will be $30 per month or 1/36 of the amount borrowed, whichever is greater. The borrower may at his option and without penalty pay all or
any part of the loan plus interest before entering the normal repayment period.

Nursing Student Loans. These loans are available to students who are enrolled or admitted as students in a course of study leading to a baccalaureate or graduate degree in nursing and who show need of assistance in order to pursue their course of study. The program provides a long-term, low-interest loan with repayment beginning 12 months following termination of full-time study at an accredited school of nursing. Repayment may be deferred for a period up to three years while the borrower is serving in the Armed Forces or Peace Corps or up to five years for a full-time course of study leading to advanced professional training. If upon graduation the borrower becomes employed full-time as a registered nurse in a public or nonprofit private agency or institution, up to 85 percent of the principal may be cancelled at the rate of 15 percent of the loan that was unpaid on the first day of employment plus interest for the first three years of employment and 20 percent for the fourth and fifth years.

The above regulations and provisions of the Nursing Loan Program are subject to change by legislative action.

Health Professions Loan. This loan is available to students who are enrolled or admitted in a course of study leading to a degree of Doctor of Veterinary Medicine and who show need of assistance in order to pursue their course of study. The program provides a long-term, low-interest loan with repayment beginning 12 months following termination of full-time study at an accredited health professions school. Repayment may also be deferred for a period up to three years while the borrower is serving in the Armed Forces or Peace Corps or for the years required for a full-time course of study leading to advanced professional training. Interest is 7 percent per year on the unpaid balance; the maximum repayment period is 10 years. However, a minimum monthly payment may be required. Up to 85 percent of a Health Professions Student Loan will be repaid by HEW if the Veterinary Medicine graduate enters into a contract to serve as a veterinarian in a short-term position designated by HEW. The maximum loan available to an individual borrower in an academic year is $3,500.

The above regulations and provisions of the Health Professions Loan Program are subject to change by federal legislative action.

Guaranteed Student Loans to help meet educational expenses may be available through the federal government or a state guaranteeing agency. Students should contact their local bank or credit union to determine their participation in the program. To receive the loan, a student must be admitted to or in regular full-time attendance in good standing at the University. Interest on such loans is paid by the federal government while the student is enrolled as a 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 percent simple interest. The maximum amount of a loan to an undergraduate in a 12-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 banks and credit unions. In the state of Tennessee, write to the Tennessee Student Loan Corporation, 707 Main Street, Nashville, Tennessee 37206.

Student Employment

Two employment programs are administered in the Financial Aid Office to help students find part-time employment.

The College Work-Study Program is a federal work program which provides jobs for students who have financial need and who must earn a part of their educational expenses. Eligible students are placed in jobs on or off campus where they work approximately fifteen (15) hours per week.

The Student Employment Service operates a casual labor referral agency. It coordinates listings of part-time employment from both University and private employers with the requests of students seeking part-time employment. Referrals are made in accordance with the student's skills and qualifications. Part-time jobs average from 15 to 20 hours per week. If part-time employment is a financial necessity to the student with a low grade average, the student is advised to accept a job requiring fewer hours of work per week.

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

- George G. Abrahamson Scholarship Fund
- A. B. C. J. O. E. Estes Kefauver Memorial Scholarship Fund for Agronomic Scholarship
- Agricultural Faculty- Alumni Scholarships
- James T. Allor Scholarships
- Air Force ROTC
- Akima Club Interior Design Scholarship
- Alcoa Foundation Scholarships
- All-Sing Scholarships
- Clyde and Grace W. Alley Scholarships
- Allied Chemical Foundation Grant
- Alpha Delta Delta
- Joe Mac Alphin Memorial Scholarship
- Altrusa Club of Knoxville Scholarship
- American Chemical Society Scholarship
- American College of Veterinary Medicine Scholarship
- American Society for Metals, Oak Ridge Section, Scholarship
- American Society of Tool and Manufacturing Engineers-Knoxville-Oak Ridge Chapter Scholarship
- AMFS Scholarship Fund
- Ida A. Andrews Scholarship
- Anderson County Agricultural Scholarship
- Animal Husbandry Award
- Armour and Company Scholarship
- Army ROTC
- Max B. and Lalla B. Arnstein
- J. Clayton Architectural Training Scholarship
- General Henry H. Arnold Educational Fund Art Department Art Auction Scholarships
- Captain Samuel A. Barksdale Memorial Scholarship
- ASQC Electronics Division
- Clyde B. Austin Memorial Scholarship
- Charles H. Banker Scholarship
- Bacon-Beard Scholarship in Philosophy Fund
- Hop Bailey, Sr. Scholarship
- John Bailey, Jr., Business Internship Scholarship
- Howard H. Baker Memorial Fund
- Bank of Canton Agricultural Scholarship
- Bank of Maryville Agricultural Scholarship
- The Barnhill Scholarship
- Paul Barnett Memorial Scholarship Fund
- Grace and Brodie Baynes Scholarships in Accounting
- C. Grier Beam Scholarship in Transportation
- Beard Scholarship in Philosophy Fund
- Bedford County Farm Cooperative
- Agricultural Scholarship
- Roy F. and Addie Bell Scholarships
- Belclent School of Veterinary Medicine
- The Carl M. Bennett Scholarship
- St меньm Bennett Agricultural Scholarship Fund
- Edna M. and King M. Benson Memorial Scholarship Fund
- Berkleine Corporation Scholarships
- Beta Gamma Sigma Scholarships
- Beta Sigma Pi Scholarship
- Karl and Madira Bickel Scholarships
- Mr. and Mrs. E. J. Bibb Scholarship
- Voula Bitzas Scholarship
- Bledsoe County Agricultural Scholarship
- Block and Bridge Agriculture Scholarship
- Amanda Minnis Bonham Scholarship
- Frederick T. Bonham Foundation Scholarships
- Frederick T. Bonham Journalism Award
- Borden Home Economics Scholarship Award
- Dr. Wade H. Boswell Scholarship
- Donald H. Bradley, Sr. Scholarship
- Harry E. Bradley Scholarships
- Brainard Kwan's Club Agriculture Scholarship
- Hilton T. Brooks Scholarship
- Margaret Browder Scholarships
- Fred and Ruth Brown Scholarship
- Grover C. Brown Memorial Scholarship
- Nell Mann Brown Scholarship
- William Lester Brown Memorial Scholarship
- William P. Bryant Scholarship Fund
- W.W. Burchfield Scholarship
- Jimmie Estes Kefauver Memorial Scholarship Fund
- Burlington Industries Foundation Scholarships
- C & M Livestock Market, Inc. Agriculture Scholarship
- Campbell County Agricultural Scholarship Fund
- Cannon County Agricultural Scholarship Fund
- Central State Bank of Lexington Scholarship
- Carl Chapman Memorial Scholarship
- Chattanooga Hotel-Motel Scholarship
- Chandler Club Scholarship
- George S. Child, Sr. Memorial Law Scholarship
- The Church Street Methodist Church
- Bertha Walburn Clark Orchestral Instruments Award
- W.C. Clay Agricultural Scholarship
- Frank G. Clement Foundation Mental Health Scholarship
- Linton T. Coe Scholarship
- Cocke County Farm Bureau Agricultural Scholarship
- Cocke Farmers Coop Agriculture Scholarship
- Coffee County Alumni Scholarship Fund
- Guy Colehane Community Scholarship
- The College of Education Alumni Scholarships
- The College of Home Economics General Scholarships
- Ed Collins Memorial Scholarships
- Colonial Baking Company Scholarships
- Columbus Gas of Ohio Education Scholarship
- Continental Oil Company Scholarship
- Continuing Education of Women Scholarships
- J.A. Cooley Memorial Scholarship
- Corley Manufacturing Company Scholarship
- Dr. and Mrs. Dennis Doughlin Scholarship
- Ray Cowles Memorial Scholarship Fund
- Carl T. Cox Memorial Scholarship
- Taylor H. Cox Memorial Scholarship
- Nellie Crooks Scholarship
- Robert A. and Mary Neal Culver Scholarship Awards in Theatre and Music
- Cumberland Farm Bureau Agricultural Scholarship
- Bernard I. Dalberg Memorial Scholarship
- Jack Daniel Distillery Food and Lodging Scholarship
- Domen, Inc. Scholarships
- Davidson County Farm Bureau Agricultural Scholarship
- Captain Herbert L. Devis Memorial Law Scholarship
- Eila J. Day Scholarship
- Delta Airlines Scholarships
- Delta Delta Delta Local Scholarship
- C.H. III and K.W. Dixon Scholarship
- Dr. K.G. Dixon Scholarships
- Grace Darden Doggett Scholarships
The University 35

Patterson and Dewar Engineers, Inc., Scholarship
Pennington Psychiatric Hospital Scholarship Fund
William Brit Pennebaker Scholarship
Carl I. Peterson Scholarship Fund
Phyllis Petroleum Company Fellowships
Phi Kappa Lambda Music Fellowship
Phi Kappa Phi Society Scholarship
Phillips Petroleum Company Fellowships
Pike Oil Corporation Scholarship
Pike Freight Carriers Inc., Scholarship
Pike Oil Corporation Scholarship
Richard B. Porter Scholarship
Porter-Walker Hardware Company Agricultural Scholarship
Joe Franklin Porter Scholarship
Procter and Gamble Company Fellowships
Jasper Jones Quillen Memorial Scholarship Fund
Ralph Purina Company Fellowship
Reichenbach’s Art Scholarship Fund
Reichenbach’s Crafts and Interior Design Award
Reichenbach’s Crafts and Interior Design Award
Rehabilitation Corporation of Tennessee Scholarship
Retail Clerks International Association Estates
Kefauver Memorial Scholarship Fund
J. Clark Rhodan Graduate Fellowship
Grantsman Rice Memorial Award
Stephan D. Rimmer Memorial Scholarship
Walter R. Ringler, Jr. Scholarship
Roane County Council of Home Demonstration Clubs Scholarship Fund
Roberson Psychiatric Farm Bureau Economic Scholarship
Thomas L. and Emma H. Robinson Scholarship
Fred M. Roby Scholarship
Rohm and Haas Company Scholarship
Catherine Rogers Ross Scholarships
R.O.T.C. Memorial Scholarship Fund
Paul Leonard Roth Memorial Scholarship Fund
Jesse H. and Trudy Safley Agricultural Scholarship
John Sample Agency of Connecticut Mutual Insurance Scholarship
Schenley Industries Food and Lodging Scholarship
Scholarships Foundation of Tennessee Scholarships
Virginia and Alfred Schmid Scholarship
Bernadette E. Schmitt Scholarship Fund
Audrey Scott Memorial Scholarship
Scripps-Roswell Foundation Scholarships
Sears-Roebuck Foundation Scholarships in Home Economics
Seymor County Farmers Cooperative Scholarship
Seymor County Scholarship in Organ
John A. Sexton Forestry Scholarship
Alex Shafer Memorial Scholarship Fund
Aaron J. Sharp Fund
Lynn Sheehan Memorial Award
Sherwood Chevrolet Company Scholarships
Beverly Shrode Agricultural Memorial Scholarship
Sigma Alpha Epsilon Scholarship
Sigma Alpha Iota Scholarship
Charles D. Simms Scholarship
Charles D. Simms Scholarship Fund
J. Hungerford Smith Company Scholarship in Food Technology
Smith Farmers Inc. Scholarships
Elizabeth Z. Smoak National Alumni Association Scholarship
Smokey Mountain Chapter of NABAC Scholarship
Snelling and Snelling Teacher Training
Cyril A. Soanes Prize
Socony Mobil Scholarship in Geology
Helen Knowles Scholarship
Southern Shipper & Motor Carrier Council Scholarship Fund
Standard Tennessee Banking and Lodging Scholarship
Richard Stansfield Scholarship
Stauffer Chemical Company Scholarships
Ruth Stephens Scholarship
Dr. Ruth Stephens Scholarship in History
Dr. Ruth Stephens Scholarship in International Relations
William J. Stokely, Jr. Scholarship Foundation of Business Administration Fellowship
William B. Stokely, Jr., Scholarship
William B. Stokely, III, Scholarship
Ella Walburn Scholarship
Stouffer Foods Corporation Scholarships in Home Economics
Joe Sullivan, Jr., Scholarship
Sullivan County Agricultural Scholarship
Ginn G. Summers Agriculture Fund
L.J. Swerdlow Scholarship in Engineering
Swan Brothers, Inc. Scholarship
Taub Beta Pi Scholarships
Taub Beta Sigma Scholarships
Judge George Caldwell Taylor Memorial Scholarship
Tennessee Association of Broadcasters Scholarship
Tennessee Association of Extension Home Economics Scholarship
Tennessee Association, Future Homemakers of America-Margaret Browder Scholarships
Tennessee Association of Real Estate Boards Scholarship
Tennessee County Association, Knoxville Auxiliary, Scholarship
Tennessee Claims Insurance Scholarship
Tennessee County Agents’ Association Scholarship
Tennessee Eastman Scholarship Fund—Chemical Scholarship
Tennessee Eastman Scholarship Fund
Tennessee FFA Scholarship
Tennessee Federation Agricultural Scholarship
Tennessee Farmers Mutual Insurance Company Agricultural Scholarship
Tennessee Federation of Garden Clubs Forestry and Horticulture Scholarships
Tennessee Home Demonstration Agents Association Scholarship
Tennessee Howard Johnson’s Food and Lodging Scholarship
Tennessee Jaycettes Special Education Scholarship
Tennessee Restaurant Association Education Association Scholarship Fund
Tennessee Restaurant Association Food and Lodging Scholarship
Tennessee Road Builders Association Scholarships
Tennessee Society of Certified Public Accountants Scholarships
Tennessee Valley Bank Scholarship
Danial Hanley Testerman Memorial Scholarship
Thorn, How, Stratton & Strong Scholarship
Thrift Loan Company Scholarships
Steve Tolbert Forestry and Chemical Engineering Scholarship
William M. Tolley Scholarship Fund
Toms Foundation Scholarships
Townsend-Estes Kefauver Memorial Scholarships
The Willburn B. Townsend Memorial Scholarship
Tractor Service Forestry Scholarship
Transportation Department Scholarships
Tri-State Roofing of Tennessee Scholarship
Trussdale Committee of Bureau-Young Farmers and Homemakers
Union Bag-Camp Paper Corporation Scholarship
United Auto Workers Estes Kefauver Memorial Scholarship
United Steelworkers of America Estes Kefauver Memorial Scholarship Fund
University of Tennessee National Alumni Association Freshmen Scholarships
University of Tennessee National Alumni Association Upperclassmen Scholarships
University of Tennessee National Alumni Association Valedictorian Scholarships
University of Tennessee National Alumni Association National Merit Scholarships
University of Tennessee Bank Scholarships
University of Tennessee Hospital Auxiliary Scholarships
University of Tennessee International Scholarship Fund
University of Tennessee Knoxville School of Architecture Endowment Fund
Victory Van Lines Agricultural Scholarship
Vinylex Corporation Scholarship
Frederick Bickford Vreeland Scholarship
George A. Wagoner Graduate Scholarship in Business Education
Senator Herbert Watters Foundation Scholarship
Charles A. and Myrtle Warner Memorial Law Scholarship Fund
Harold C. Warnock Centennial Endowment Fund
Ing A. Watson Retailing Scholarship
J.R. Wofford & Company, Consulting Engineers, Scholarship
William Way Memorial Scholarship
Weakley County Farmers Cooperative Scholarship
Wehrm Sizinn Steak House Food and Lodging Scholarship Fund
Daniel B. Wexler Agricultural and Business Administration Scholarship
C.F. Whiteside Memorial Scholarship Fund in Education
White Storey, Inc., Scholarship Fund
C.E. Wiley Scholarship in Dairy Science
Marijohn Wilkin Scholarship
Wallace County Farm Bureau Agricultural Scholarship
Odesl Willis Scholarship
Wilson County Agricultural Extension Scholarship
H.W. Wilson Scholarship
Winchester Rotary Club Agricultural Scholarship
J.H. Winstead, Jr. Memorial Scholarship Fund
Chancellor Glen W. Woodlee Scholarship Fund
Mark Wilson Loan Fund Scholarship Fund
David Wright Scholarship in Voice
Dick Wright Scholarship
Gert Wunduhich Scholarship in German
Edwin F. Zwicker Scholarship
The University of Tennessee wishes to express gratitude to the contributors and donors of the following funds:
American Association of University Women Loan Fund
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Fred Collins Memorial Loan Fund
Nancy A. Combs Loan Fund
E.P. Frost Memorial Foundation (The Scarabeean Senior Society Loan Fund)
Eugene Ganneg Scholarship
Heilen B. Gibson Loan Fund
Gordon A. Hawkins Memorial Loan Fund
Fleta Crillia Hodges Memorial Loan Fund
J.E. Hogan Loan Fund
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Phi Kappa Phi Loan Fund
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Mary Plummer Memorial Loan Fund
Maudé Powell Student’s Aid Fund
James H. Rader Memorial Loan Fund
Charles C. Rithoff Loan Fund
William Rule Loan Fund
Senior Memorial Loan Fund, 1922
Senior Memorial Loan Fund, 1925
Sarah Hawkins Sevier Memorial Fund
James A. Shull Loan Fund
J. Allen Smith Students’ Aid Fund
Southern Railway Loan Fund (William Wilson Finley Foundation)
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Students Loan Fund (Students Loan Fund Corporation)
Students Loan Fund of the Tennessee Banker’s Association (Fred Collins Memorial Foundation Fund)
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 UT are listed below and the relevant year to award any of the honors or awards listed herein is reserved to The University of Tennessee, Knoxville.
Dean's List
Public announcement of students passing a quarter 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 ASAEE 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 scholarships, medals, and embossed certificates to sophomore, junior, and senior students in the Department of Animal Science who are of good moral character and rank scholastically in the top 10 percent 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 program’s goals, and show evidence of leadership in their chosen field.

The Danforth Foundation Inc. provides a fellowship to support two weeks of leadership training at Camp Winona on the shores of Lake Michigan for an outstanding agricultural student following the freshman year.

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.

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

Student-Faculty Council Awards. Each year the College of Agriculture Student-Faculty Council presents plaques to four seniors, three juniors, and two sophomore students in the College judged to be outstanding. Selection is based on scholastic character, and demonstrated leadership ability. Plaques are also presented to the two students in each class with the highest scholastic averages.

Tennessee Poultry Improvement Board Awards. $100 available for awards to students competing in poultry and poultry products judging.

School of Architecture
Malcolm Rice Achievement Award. $100 awarded annually to the third-year student showing most improvement with design studio.

College of Business Administration
Beta Gamma Sigma Awards. Plaques and awards given to the freshman and sophomore students with highest grade point averages by this national business honorary 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.

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

John M. and Suzanne W. Larsen Phi Kappa Phi Scholarship Award. Awarded to the College of Business Administration junior initiated with the highest grade point averages.

John M. and Suzanne W. Larsen Beta Gamma Sigma Outstanding Male and Female Awards. Awarded to the male and female College of Business Administration junior initiated with the highest grade point averages.

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.

Smoky Mountain Chapter of the Bank Administration Institute Scholarship. A scholarship for junior or senior major in banking.

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 pursuing a degree in business who has attained the highest scholastic 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.

Karl and Madira Bickel Scholarships, Freshman Scholarships up to $1,000. Upperclass Scholarships up to $1,000. Doctoral Scholarships up to $4,000. Open to all students showing academic performance (3.00 or B or better), professional promise and need.

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

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

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

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.

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

Pen Women of America Scholarship, $100 given by the Knoxville Branch to an outstanding junior journalism student who has shown promise as a writer.

Frank B. Powers Scholarship, given by Scripps-Howard Newspapers. $1,000 total to one or more outstanding undergraduates in the Department of Advertising.

Sammie Lynn Puett Award, given to outstanding student in the public relations sequence in the School of Journalism.

Society of Professional Journalists, Sigma Delta Chi Outstanding Graduation Citation. Certificate given by professional journalism society to outstanding graduate.

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

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

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

College of Engineering
Albert S. Fry Memorial Scholarship. An annual cash award to a sophomore or junior in civil engineering based on scholarship and activity in the ASCE student chapter.

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 to a branch member whose performance scholastically and in branch activities 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 Scholarship 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.

Armour T. Granger Memorial Scholarship. A cash award given jointly by the Department of Civil Engineering and the American Society of Civil Engineers, Tennessee Valley Section, to a senior. Based upon scholarship, need, and activity in the ASCE student chapter.

The Arthur Brownlow Wood Memorial Scholarship Fund. A cash award given to one or more outstanding students in engineering.

Association of Textile Industrial Engineers. A $500 1-year award based on need, given by the Department of Industrial Engineering to a senior.

Billy J. and Sylvia F. Moore Scholarship Fund. A cash award given to one or more upperclass students majoring in electrical engineering, preferably seniors who have participated in the engineering co-op program. Based on both academic achievement and need.

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

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

Electrical Engineering Leadership Award. One or more cash 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.

H.L. Weissberg Memorial Award. An annual award given by the department to an outstanding senior majoring in engineering science. Letter of recognition, plaque.
J. Mack Tucker Outstanding Senior Award. Recognized by the Student Section of the American Society of Mechanical Engineers of the outstanding senior in the Department of Mechanical and Aerospace Engineering. Award is based on leadership, scholarship, and service. Name on plaque.

Jere B. Ford Memorial Scholarship. A minimum award of $1000, awarded annually by the Tennesseee Roadbuilders Association to an outstanding civil engineering student.

Joel F. Bailey Award. Recognition by Tennessee Tau Eta Chapter of Pi Tau Sigma of the student in mechanical and aerospace engineering having the highest grade point average in each calendar year. Name on plaque.

John Milton Snoderly Scholarship Endowment Fund. Cash award in recognition of scholastic achievement and evidence of high potential as a future civil engineer, to one or more upperclass civil engineering students as selected by the civil engineering faculty.

Tau Beta Pi Outstanding Senior Award, given by the Tennessee Alpha Chapter. Recognition of a senior in engineering who displays outstanding service, leadership and scholarship. Name on plaque.

University of Tennessee Book and Supply Store Award. Awarded to one or more winners selected each semester. Awarded to junior or senior, according to the discretion of the Book and Supply Store. Awarded annually.

Schenley Industries Scholarship. Awarded to student enrolled in the university, food and lodging administration program.

Scuffles Restaurant Equipment, Inc., Scholarship. Awarded to student enrolled in the university, food and lodging administration program.

Standard Textile Scholarship. Awarded to student enrolled in the university, food and lodging administration program.

Statler Foundation Scholarship. Awarded to hospitality students throughout the United States. Awarded annually.

Tennessee Chapter of Future Homemakers of America. One, $300.

Tennessee Dietetic Association. Awarded to upperclass student enrolled in dietetics program.

Tennessee Rehabilitation Corporation Scholarship. Ten, $450 each.

Tennessee Restaurant Association Scholarship. Awarded to student enrolled in tourism, food and lodging administration program.

Association of Extension Home Economists. $250.


University of Tennessee General Scholarships. Variable.

Washington County Farm Bureau. Awarded to student from Washington County. $300.

Western Sizzlin Steak House Scholarship. Awarded to student enrolled in the university, food and lodging administration program. Two, $250 each.

White Stores Scholarship. Awarded to an entering freshman. $450.

F. Dwight McDonald Scholarship. Awarded to an entering freshman. $450.

College of Law
Callaghan and Company Prize. A copy of Brown on Popular Property to student who has attained the highest average during the junior year in the College of Law.

Herbert L. Davis Memorial Trust Fund. An award of $100 to the law student who has the highest scholastic average for the first two years of work in the College of Law.

Knoxville Auxiliary to the Tennessee Bar Association. An award of $150 to law student who has the highest scholastic average in the first year of work in the College of Law.

Lawyers Cooperative Publishing Company and the Bancroft-Whitney Company. The joint publishers of American Jurisprudence offer separately bound topics from the encyclopedia to students receiving the highest grades in each subject.

Michiel Bobbs-Merrill Law Publishing of Charlottesville, Virginia. A prize copy of Tennessee Code Annotated to the student who has attained the highest average during three years of study.

Cyrl A. Soans Prize. A prize of $200 to be awarded for the best book note by a law student on a topic pertaining to the protection or regulation of intellectual property.

United States Law Week Award. The editors have established an award consisting of a year's subscription to the Law Week for the member of the senior class who makes the most scholastic progress during the senior year.

West Publishing Company Award. A title selected from its Homebooks series is offered annually to that member of each of the three classes who achieves the highest scholastic average in the class.

West Publishing Company Award. A title selected from Corpus Juris Secundum is offered annually to that member of each of the three classes who has made the most significant contribution toward overall legal scholarship.

College of Liberal Arts
John M. Allen Mathematics Prize. Medal, to outstanding freshman student. Prize is determined by competitive examination covering material found in the following courses: Mathematics 1450-50, Mathematics 1460-50, and Mathematics 1458-58-68.

Bain-Swiggert Poetry Prize, for excellence in writing conventional forms of English poetry. $65.

Phil 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.

Eleanor R. Burke Award, for excellence in expository writing. Awarded in honor of the daughter of a former head of the English department, $55.

Captain Robert A. Burke Award, for excellence in English prose fiction. Awarded in honor of the son of a former head of the English department, $55.

Chi Omega Prize, given by Pi chapter of sorority, $25, to the senior girl majoring in the social sciences, with the greatest proficiency in the 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 Callaway 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.

John C. Hodges Scholarships. Each year one or more scholarships, supported by the Better English Fund established by John C. Hodges, are awarded to outstanding English majors. These awards are made at the end of the junior year and carry remission of in-state fees for the senior year of study. Applications are not accepted; selection is made by a departmental committee on the basis of superior academic performance in English.

Italian Studies Award, established by Italian division of Department of Romance Languages. Cash award to outstanding student in upper-division courses in Italian.

Knickracker Poetry Prize, for excellence in writing English poetry. Awarded by the late Stephen L. Moody, in honor of a former head of the English department, $50.

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 the Department of Speech and Theatre.

Mrs. J. Harvey Mathes Tennessee D.A.R. American History Scholarship. Interest on $500, to woman student. Winners selected by the Department of History.

A.D. Melven-Rhenium Scholarships, for students in the Bachelor of Science in Chemistry curriculum. Established from funds obtained by the sale of rhenium metal and rhenium compounds prepared by procedures devised by Professor A.D. Melven. Awards of $100 given quarterly to outstanding students.

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.

Bernadotte 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 Mrs. J. C. Stephens, Knoxville. Divided 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 Benjamin Rush Strong, Knoxville. Medal to student submitting best essay on "The Value of Truth."

Lee L. Verstandig Fellowship in History. Cash award to an 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 and Societies

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

Those honorary fraternities, both national and local, with chapters at UTK are:

Alpha Chi Sigma, for chemical engineering and chemistry students. Student must have a grade 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 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-thirds of their respective class and show leadership ability.

Beta Alpha Psi, for accounting students. Any undergraduate or graduate accounting major registered in the Accounting is required to have a minimum B average in accounting subjects and a minimum B-Minus average in all subjects, is eligible for active membership.

Beta Gamma Sigma, national business honorary society. Minimum requirements for undergraduates is membership in a major of a College of Business Administration curriculum, and top 5 percent of all such students having completed 120 through 150 credit hours, or top 10 percent of all those having completed more than 150 credit hours. Additional criteria pertain to number of business administration credit hours and number of transfer hours/previous academic performance for transfer students. MBA students must be in the top 20 percent of graduating class, and DBA students must complete all degree requirements with a minimum GPA of 3.50.

Delta Nu Alpha, for transportation students. Prospective members must have completed the basic transportation courses and have a minimum 2.3 average.

Delta Pi Epsilon, for business education graduates. Students must have a minimum average of 120 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. A minimum of 45 quarter hours University credit with a scholastic average of at least 2.5 for initiation.

Delta Sigma Rho-Tau Kappa Alpha honor society for junior and senior students who have participated at a high level of excellence in intercollegiate forensics or original speaking activities and who rank in the upper 35 percent of their college class.

Delta Theta Phi, for law students.

Eta Kappa Nu, for electrical engineering students. Members may be selected from juniors ranking in the upper one-fourth, or seniors ranking in the upper one-fifth of their respective electrical engineering class.

Eta 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 Beta Phi, scholastic honor, educational service organization open to students in all fields of study. Prospective members, usually inducted in the fall and spring, must have completed 15 hours of study, rank in the upper 20 percent of their respective college and have a minimum 3.0 average.

Gamma Sigma Delta, agricultural honorary society for graduating seniors, graduate students, faculty, and agricultural alumni. Students selected must be in the upper one-third of the graduating class in the College of Agriculture and must have a 3.0 average or better. Graduate students must have a grade point average of at least 3.5 or better or at least 24 hours toward the advanced degree. They must have shown promise or superior ability in a previous study and advanced study for research directly concerned with agriculture and 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 accumulated a minimum of 3.0 average in industrial education courses with at least B average.

Kappa Delta Pi, honor society for professionals and students in education. Minimum 3.5 grade point average. Recognizes outstanding contributions to the field of education. Membership by invitation.

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

Omicron Delta Epsilon, honor society in economics for students and faculty. Student members must have a minimum 3.0 overall average.

Omicron Delta Kappa, for junior and senior students.

Omicron Nu, for home economics students. Members are elected from the upper one-fourth of the seniors in the College of Home Economics junior class, not to exceed 20 percent of any given class.

Order of the Coif, for law students.

Phi Alpha Delta, for law students.

Phi Beta Lambda professional fraternity for students enrolled in the College of Business Administration. Prospective members are enrolled in at least three hours in the college with a minimum of a 2.2 overall average.

Phi Beta Kappa, the oldest national academic honorary society, for liberal arts juniors and seniors who are candidates for either the Bachelor of Arts or the Bachelor of Science in Chemistry degree. Grade point average varies with number of hours completed; minimum is 3.50. At least 90 hours must have been earned at UTK. Students must have completed the second college year course (or equivalent) in a foreign language. Election takes place in October and April. For detailed statement of requirements, inquire in Liberal Arts Student Academic Affairs Office, 218 Ayres Hall.

Phi Chi Theta, professional fraternity for women interested in a business career. Any woman student may be elected 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 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 percent 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 percent 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 over all 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 3.0 B-Minus average in all French courses taken.

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

Pi Lambda Theta, a national honor and professional association in education. Open to juniors and seniors with a minimum 3.2 GPA and graduate students for industrial education students. No one may be initiated until he has accumulated a minimum of 3.0 average in industrial education courses with at least B average.
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 senior members must rank in the upper one-fourth and seniors in the upper one-third of their respective mechanical engineering class.

Scabbard and Blade, military science honor society for students.

Scarabean Senior Society, local society for students and faculty. Membership is by invitation.

Sigma Delta Chi, professional journalism society. Active membership shall be limited to journalism and broadcasting majors having at least a 2.5 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 the floor covering design and interior design and decorating programs. 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, national honor society for engineering students. The top one-eighth of the junior engineering class and the top one-fifth of the senior engineering class, scholastically ranked, may be invited to join when such elections are held in the fall and winter quarters. The organization conducts programs and projects of benefit to students and the University.

Torchbearers epitomize the finest qualities of the University of Tennessee student. Each year the seniors who have contributed the most to the University during their college careers are selected as Torchbearers. Selection is based on scholarship, activities, character, and service.

XI Sigma Pi, forestry honor society for upperclass and graduate students, faculty members, and alumni who have attained a national reputation in forestry. Students must have completed 110 quarter hours of credit including 15 hours in professional forestry courses. When practical, initiates are selected during the junior year to provide the greatest degree of benefits of active membership.

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 Career Planning and Placement Service

This service is engaged in two major activities. The Career Planning Office helps students examine careers based on individual educational, social, and aspirations. Workshops on career decision making, assertive training for job seeking skills, and résumé writing, are offered several times each quarter. Individual career advising is available.

The Career Resource Center contains current occupational information (employment outlooks, salary schedules, how to get jobs with the government, and others) on several thousand career areas.

The Placement Service offers students job bulletins containing current job openings, on-campus interviews with nationwide companies, and a credential service where students can maintain a file of recommendations and a data card.

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.

Student Financial Aid is also administered under the direction of this office. Information on available financial aid may be obtained by writing the Director of Financial Aid, 301 Student Services Building, The University of Tennessee, Knoxville, Tennessee 37916.

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

Handicapped students may receive special assistance in registering and arrangement of schedules through this office.

Office of the Dean of Student Activities

The Office of the Dean 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 Activities and Recreation Facilities, Student Publications, and all other extracurricular activities of University students.

Office of the Dean of Student Conduct and Orientation

Student Orientation Office. This 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 freshman return students presented prior to the beginning of each quarter.

Student Conduct Office. This office is concerned with the enforcement of 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 assists students from other countries with the many matters which are of particular concern during their stay in the United States. It also serves as the official University representative in all matters involving immigration authorities, international educational organizations, and foreign governments.

The office maintains the overseas students' official records and provides a liaison with the teaching faculty. It coordinates such projects as a community volunteer program and activities for foreign student spouses. 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 and 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, Knoxville, Tennessee 37916, U.S.A. Persons seeking undergraduate admission should apply to: Director of Admissions, The University of Tennessee, Knoxville, Tennessee 37916, U.S.A. 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 HOUSE

The "International House" is located across from the library. The University of Tennessee offers a number of programs for international students, including courses, homestay programs, and language immersion experiences.

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Handicapped students may receive special assistance in registering and arrangement of schedules through this office.

Office of the Dean of Student Activities

The Office of the Dean 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 Activities and Recreation Facilities, Student Publications, and all other extracurricular activities of University students.

Office of the Dean of Student Conduct and Orientation

Student Orientation Office. This 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 freshman return students presented prior to the beginning of each quarter.

Student Conduct Office. This office is concerned with the enforcement of 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 assists students from other countries with the many matters which are of particular concern during their stay in the United States. It also serves as the official University representative in all matters involving immigration authorities, international educational organizations, and foreign governments.

The office maintains the overseas students' official records and provides a liaison with the teaching faculty. It coordinates such projects as a community volunteer program and activities for foreign student spouses. 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 and 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, Knoxville, Tennessee 37916, U.S.A. Persons seeking undergraduate admission should apply to: Director of Admissions, The University of Tennessee, Knoxville, Tennessee 37916, U.S.A. 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 HOUSE

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 as a facility where domestic and foreign students can 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 University administrators oversees the operation of the House and supervises a variety of weekly programs.

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 Center. The lower level houses automatic bowling lanes, 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 large, modern, two-level book store is on Stadium Drive. Such facilities as the 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, a music listening room, and four public lounges supplement the large balcony and meeting rooms for any type of campus 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.

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 10 hours daily. Used and new textbooks are bought and sold on the lower level of the two-level store. In addition to textbooks, a 110,000 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 6½ 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 main store is the only location 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; 200-meter pool; 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.

All facilities of the Student Aquatic Center except swimming are available from 8 a.m. to 9 p.m. Monday through Friday, and from 9 a.m. to 6 p.m. on Sunday. The pool is open Monday through Friday 12-9 p.m.; Saturday 12-6 p.m.; Sunday 1-6 p.m.

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 splash parties are held during each quarter for the students' enjoyment.

STUDENT INTRAMURAL PROGRAM

The Student Intramural Program is designed for maximum student participation and provides 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, Sororities, and Independents. These Division Champions then compete for the All University Championship.

The league activities include basketball, bowling, football, golf, paddleball, racquetball, softball, swimming and diving, tennis, track and field, track relays, tug of war, turkey trot, volleyball, and water polo.

In addition to the team sports competition, open tournaments are held in individual and dual sports. In some cases, individual sports are chosen in choosing a class of competition that best characterizes their type of play. Activities are basketball (freethrow, one-on-one, three-on-three, supershot), billiards, croquet, frisbee, golf, handball, paddleball, racquetball, skateboard, squash, table tennis, tennis, and wrestling.

CO-RECREATION INTRAMURALS

The Intramural Office also offers co-recreational activities. All students, faculty and staff, and their non-student wives, husbands, or friends are eligible to participate. The Co-Re activities are organized as an informal fun program, using modified rules so that maxims of participation can be maintained on an equal basis.

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

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, football, golf, handball, paddleball, racquetball, softball, squash, table tennis, tennis, turkey trot, and volleyball.

SPORTS CLUBS

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

The Sports Club Office is located in the Student Aquatic Center, Room 202. The clubs are archery, bicycling, bowling, boxing, canoe & hiking, crew, dolphin, equestrian, fencing, field hockey, flying, floor hockey, gymnastics, handball, ice hockey, ice skating, judo, jujitsu, karate, lacrosse, racquetball, rugby, sailing, scuba, skateboard, snow ski, soccer, sports car, table tennis, trap & skeet, volleyball, water ski, and weightlifting.

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 in their leisure time.

Students may check out necessary equipment at each recreation area presentation of their student identification cards. Guest passes are available in the Sports Club Office. All recreation facilities are for 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 one of the most outstanding physical complexes in the United States. The Aquatic Center has indoor and outdoor Olympic-size pools. Students can participate on a scholarship when they obtain a fellowship and when they are approved by the University. The pool is open Monday through Friday from 12-8 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 facilities during the past 10 years. UT's aquatic
program is 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—safety vests, weight belts, 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 who want 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 safety is offered to students each quarter. This program provides the student with the basic skills and safety measures for prolonged periods in the water and is incorporated in the lifesaving program.

7. Varsity swim teams practice 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.

9. Lifeguard School is offered at the Aquatic Center each quarter for specialized training of all lifeguards to be hired.

10. Beginning swimming, intermediate, and advanced diving, swimmer, junior lifesaving, and competitive classes 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 are 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. Competitive swimming programs are offered each quarter during the student’s evening meal hours.

14. Other offerings include moonlight swim parties, water basketball, water polo, special Carousel shows of aquatic competitive swimming, trampoline and mini-board during supervised activities.

The Aquatic Center is available for all private and organizational parties, community aquatic programs, etc. for a fee. The facility has been viewed by visitors, professional and nonprofessional, from all parts of the world, who have said

it is among the outstanding centers of the United States.

**Student Activities Office**

An extensive program of extracurricular activities is available at The University of Tennessee, Knoxville, 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 scholarly and professional honorary organizations. The agency charged with the development and administration of the extracurricular program is the Student Activities Office located in the Student Services Building.

**WOMEN’S CENTER**

The Women’s Center is the coordinating unit for women’s programs on the Knoxville Campus. It functions as a resource for all University departments and organizations in the areas of women’s programs and activities. The Center’s primary goal is to encourage the development of programs for women, the collection of media resources about women and a comprehensive information exchange service related to health activities throughout the campus. The Women’s Center is located in 301 University Center.

**Intercollegiate Athletics for Women**

This department is responsible for the organization and operation of all women’s athletic teams at The University of Tennessee, Knoxville. Presently, there are five women’s teams—basketball, swimming/diving, tennis, volleyball, track and field.

The program is governed by the Association of Intercollegiate Athletics for Women with teams competing in state, regional and national tournaments sponsored by this organization. Teams abide by all NCAA rules in regards to scholarships, recruiting, safety and eligibility.

Any full-time female undergraduate student is eligible to try out. Each team conducts open try-outs with selection being made in early fall. Additional information can be obtained by writing to the Director of Women’s Athletics, 115 Stokely Athletics 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. Outpatient services in the fields of general practice, internal medicine, and psychiatry are available on a full-time basis while specialists consultants in dermatology, surgery, and gynecology are available on campus through referral by a staff physician. Care beyond that provided by the regular staff can be arranged for the student if desired. Those students requiring allergy injections may arrange to receive them at the Clinic. Charges are made for some services such as x-rays, lab tests, injections, and minor surgery.

Regular daylounge hours at the Student Health Center building, are known to students’ offices and campus security officers and are printed in Hill Topics, the student handbook.

Emergency care is provided during the longer breaks between quarters. Emergency transportation (including the use of an ambulance when necessary) to either facility may be obtained through campus Security.

Students needing total care may have this arranged by Health Service physicians, if they choose, 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 students and family physicians to continue good health practices during the university career.

**Student Counseling Services Center**

The Student Counseling Services Center provides services designed to help students with educational, vocational, personal and 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 may work on the general adjustment to academic life. Various groups are employed to meet the developmental needs of the student.

These groups provide an opportunity to share and learn from others and/or improve specific skills.

Psychological tests may be used for self-evaluation and information. Also, an occupational-educational information library is maintained.

The Center also works with the faculty and student personnel staff to develop educational programs and projects to meet the needs of various groups at the University. The Minority Affairs and Withdrawals Office, located in the Center, assists minority students through personal advising and educational workshops, and handles the withdrawals of all students from the University. The course late drop program is coordinated by the Center.

All students, student spouses, and to a limited extent, precollege students are eligible for counseling and services of the Center. Appointments for counseling may be made by phone or in person at the Student Counseling Services Center at 900 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's personal life should be conducted 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 so that students are aware of the University Standards of Conduct and all disciplinary regulations and procedures. Since conduct and actions will be measured on an adult standard, students should understand that they assume full responsibility for the consequences of their actions and behavior. The academic community will be judged in large measure by the actions of its members. Therefore, it is incumbent upon students to include the implications for their community in their criteria for determining appropriate behavior.

Failure or refusal to comply with the rules and policies established by the University may subject the offender to disciplinary action up to and including suspension from the University.

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, Presbyterian Student Center, Tyson House (Episcopal), Lutheran Student Center, Wesley Foundation (Methodist), Hillen Foundation, Christian Student Center, and Christian Student Fellowship.

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 and clubs provide broad opportunities for student participation.

A full listing of all student organizations on the campus will be found in *Hill Topics*. 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 27 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 Phi Alpha
Alpha Tau Omega
Beta Theta Pi
Chi Phi
Delta Tau Delta
Delta Upsilon
Farmhouse
Kappa Alpha
Kappa Alpha Psi Colony
Kappa Sigma
Lambda Chi Alpha
Omega Psi Phi Colony
Phi Delta Theta
Phi Gamma Delta
Phi Kappa Psi
Phi Kappa Tau
Phi Sigma Kappa
Pi Kappa Alpha
Pi Kappa Phi
Sigma Alpha Epsilon
Sigma Chi
Sigma Nu
Sigma Phi Epsilon

The Sororities are:
Alpha Chi Omega
Alpha Delta Pi
Alpha Gamma Delta
Alpha Kappa Alpha
Alpha Omicron Pi
Alpha Xi Delta
Chi Omega
Delta Delta Delta
Delta Gamma
Delta Sigma Theta
Delta Zeta
Kappa Alpha Theta
Kappa Delta
Kappa Kappa Gamma
Phi Mu
Pi Beta Phi
Sigma Kappa
Zeta Beta
Zeta Tau Alpha

Other University Services, Organizations, and Cultural Opportunities

Ombudsman Office

Personnel of the Ombudsman Office in the University Center assist students in the resolution of problems encountered with any aspect of the University. The office is open during the regular working day and students are welcome to drop in at their convenience. Problems are treated confidentially and are dealt with expeditiously. The office does not replace existing structures but helps to insure their more adequate functioning and provides advice in creating ways of meeting the needs of students.

Division of International Education

The Division of International Education, established within the Office of the Vice Chancellor for Academic Affairs, serves as a central point from which the broad range of international and intercultural interests throughout the University are strengthened and related to each other. Located in 205 Alumni Hall, the Division of International Education fosters the development, expansion, and continuation of the University’s basic commitment to the international dimensions of the educational process.

In addition to the dissemination of information through the University community related 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 in the U.S.A. and abroad involved in international program development.

Most UTK study abroad programs are coordinated through the Division, and new programs are planned with its assistance. Individual counseling for students and faculty by a study abroad consultant, a reference library containing information on all aspects of overseas opportunities, a fellowship/scholarship service, free publications, and information on special programs and projects are available in the Division.

Hearing and Speech Services

The Hearing and Speech Center, located at the corner of Yale Avenue and Stadium Drive, offers complete 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 serves as a clinical observation and training facility for students majoring in speech and hearing disorders. It also serves as a community Hearing and Speech Center, providing a preschool 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.

Services to the Physically Disabled

Services relating to academic programs for students with physical disabilities, whether permanent or temporary, are coordinated by the Office of the Dean of Admissions and Records, 305 Student Services Building. In conjunction with the Physical Plant Office and the U.T. Bookstore, the Student Activities Office, and the academic departments, efforts are made to insure that attendance at The University of Tennessee, Knoxville, is as convenient as possible for students with physical disabilities.

These services include assistance during registration (preregistration, collection of class schedules, payment of fees, drop and add); the securing of special parking permits, elevator keys, tickets for special events; and similar efforts to relieve the special mobility problems of the students. The Physical Plant Office coordinates efforts to
eliminate physical barriers to the degree possible, with priority being given to access and facilities for academic buildings.

The Office of the Dean of Admissions and Records assists students in the scheduling of special class sections in order to respond to the particular needs of the physically handicapped.

**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 intracampus 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 with the Traffic Section of the Security Department. There is no charge for vehicle registration; however, a parking permit is required for parking on University streets, parking structures or leased lots. A University Parking Authority determines the parking policy, traffic regulations, and fees, 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 Security Department, located at 1115 UT Drive.

**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 UT Theatres, under the aegis of the Department of Speech and Theatre, presents several programs of plays and films, in two theatre plants—the Clarence Brown Theatre, a $2 million million containing excellent facilities for prominence staging, open staging, standard film presentations, and laboratory productions in a separate Studio Theatre of the Clarence Brown Theatre, and the Carousel Theatre, a unique structure specially designed for arena staging, and for conversion to open-air performances in the summer.

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

**FRANK H. McCLUNG MUSEUM**

The museum in Circle Park stands as a permanent memorial for the display, preservation, and study of archaeological, natural history and historical objects, as well as paintings and other works of art. The purpose of the Museum is to collect, preserve, and provide research facilities for students, faculty, and staff. Permanent and temporary exhibits interpret topics in natural history, anthropology, archaeology, and fine arts; included are exhibits in the Green Memorial Room on the history of Knoxville and East Tennessee. Eleanor Deane Audigier Collection features paintings, furniture, decorative arts, and sculpture from various periods through the turn of the century. On exhibit in the Museum, the collection was presented to the University by Louis Bailey Audigier in memory of his wife.

**ART**

Exhibition of international, national, regional, and local artists and craftsmen are sponsored on a regular basis by the UT Department of Art in McClung Museum Gallery, Arrowmont School of Arts and Crafts, Gatlinburg, Tennessee, displays works by faculty and students during the summer months.

Christmas Art Sale is an annual event sponsored by the Department of Art and held in the Art Gallery of the Museum in early December. Students, faculty, and regional artists display modestly priced works for purchase in time for Christmas. Numerous art exhibitions are scheduled in the Art Gallery throughout the year. Ralph E. Dunford Art Collection and the Marian G. Heard Crafts Collection are housed and exhibited in the University Center. These collections are supplemented each year with purchases made possible through student programs. Acquisitions of quality works by area artists are emphasized by the selection committee.

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 concert choir, university chorus, women's choirale, chamber singers, and UT Singers. These choirs are open to all students by audition.

UT Singers, known as the University's "Good Will Ambassadors," Among the many projects of this group are the annual statewide tour each spring, and tours abroad on alternate years.

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 Symphony Orchestra plays several concerts on campus yearly as well as serving as orchestra for opera and choral productions.

**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 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**

Under the auspices of the Department of Music, consist of a series of Faculty Recitals which feature instrumental music. Student Recitals presented by upperclass and graduate members of the music department in partial fulfillment of degree requirements, and concerts by the Bands, Symphony Orchestra, Jazz Ensemble, Percussion Ensemble and small ensembles.

**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 viewed by appointment at the Frank H. McClung Museum.

**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 Attractions 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 productions.

**LECTURES**

Each quarter the Issues Committee presents programs around a current theme. 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 stereo radio station, broadcasts 19 hours each day to all of East 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. WUOT is a member of the National Public Radio Network.

**Annual Faculty Phi Kappa Phi Lectures**

The Honor Society of Phi Kappa Phi sponsors two annual lectures on campus, open to the public: a lecture in the fall by a scholar recognized by the campus community and one in the spring by a distinguished professor of UT selected a year before by the Executive Committee of Phi Kappa Phi. Past and present Phi
Athletics

The University of Tennessee, Knoxville enters into athletics as a part of its educational program. Men's intercollegiate sports are directed by the Department of Intercollegiate Athletics, George R. Woodruff, Director. Women's intercollegiate sports are administered through the Division of Student Affairs and are under the direction of the Department of Intercollegiate Athletics for Women, Gloria Ray, Director.

There are teams in football, basketball, cross country, indoor and outdoor track and field, baseball, swimming, wrestling, tennis and golf. Intercollegiate games are played according to the rules of the National Collegiate Athletic Association (NCAA) and the Southeastern Conference (SEC). Eligibility for participation is determined by the NCAA, SEC, and the University faculty.

There are women's teams in basketball, swimming, tennis, volleyball, cross country, and indoor and outdoor track and field. Intercollegiate varsity games are played according to the rules of the Tennessee Collegiate Women's Sports Federation (TCWSF) and the Association of Intercollegiate Athletics for Women (IAAW). Eligibility for participation is determined by TCWSF, IAAW and the University faculty. A varied intramural and sports club program is provided for all students. These programs are directed by the Office of Recreation and are housed at the Student Aquatic Center.

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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.

Student Government Association
Composed of the Student Senate, the Academic Council, and the Graduate Student Council, the Student Government Association is the governing body of the students at UTK. Some objectives of the S.G.A. are to provide a vehicle for responsible and effective student participation in the organization and operation of student life and to promote the recognition of student rights and responsibilities.

The president of the S.G.A. serves as chairperson of the Student Senate while the vice president administers the student services staff (including the Legislative Interest Group, communications staff program, and Voter Registration). Student Senate members are elected in the spring quarter to represent geographical areas of the campus as well as various student organizations. The Academic Council and Graduate Student Council representatives are elected from the academic colleges and graduate student programs, respectively. Offices of the S.G.A are located in room 341 of the University Center.
The Graduate School

L. Evans Roth, Vice Chancellor for Graduate Studies and Research
Margaret N. Perry, Dean for Graduate Studies
Carl O. Thomas, Dean for Research

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 40 years ago and have expanded rapidly, with doctoral degrees presently offered in 47 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 at the Knoxville campus where advanced study at both the master’s and doctoral 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 the 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 certain areas of engineering and science are offered by the Space Institute located adjacent to the Arnold Engineering Development Center, Tullahoma, Tennessee. At the present time, graduate degree programs are available with a major in aerospace engineering, aviation systems, computer science, electrical engineering, engineering administration, engineering science, mathematics, mechanical engineering, metallurgical engineering, and physics. In addition to the fundamental academic work characteristic of each discipline, research opportunities and supporting interdisciplinary course work are available to permit specialization in many aspects of atmospheric and space flight such as subsonic to hypersonic aerodynamics; aerospace vehicle design; control and guidance; modern materials and structures; propulsion systems; aircraft noise and sonic boom; flight simulation; avionics; plasmas dynamics; flow diagnostics including spectroscopic and electrooptic means; and systems management. Work is also in progress in remote sensing and magnetohydrodynamic power generation of coal utilization. Course work and research work in related areas of environmental pollution control, earth resources, energy conversion, materials and systems and simulation are also available. The research personnel and facilities of the Institute and those available at the Arnold Center through appropriate contractual arrangements provide an outstanding opportunity for meaningful research in these and other areas. Students who enroll at UTSI must be admitted to the Graduate School, University of Tennessee, Knoxville.

Further information concerning the Institute may be obtained from the Dean, The University of Tennessee Space Institute, Tullahoma, Tennessee 37388. Application forms and an announcement of the Institute’s programs are available upon request.

Kingsport University Center. The University of Tennessee offers at Kingsport resident graduate programs in science, engineering, and business at both the master’s and doctoral levels. 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, Knoxville. Information and appropriate application forms may be obtained from the Director, Kingsport University Center, University of Tennessee, University Boulevard, Kingsport, Tennessee 37660.

Oak Ridge Resident Graduate Program. The University of Tennessee offers graduate study programs at Oak Ridge, with work leading to the master’s degree in industrial management, industrial education, and statistics; and the master’s and doctoral degrees in the areas of engineering, mathematics, and physical and biological sciences. Courses are given in the late afternoons, evenings and Saturdays, with research facilities provided by and used in cooperation with the Oak Ridge Associated Universities, and the Union Carbide Corporation Nuclear Division.

This program is supported under a
subcontract with Oak Ridge Associated Universities, with principal support coming from Union Carbide Nuclear Division. The University of Tennessee is one of the 43 colleges and universities which sponsor ORAU, a nonprofit education and research management corporation.

Information and applications to the
Graduate School may be obtained by writing the Director, University of Tennessee Graduate School, Post Office Box 17, 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, 204 Lake Avenue, Knoxville, Tennessee 37916.

Chattanooga Graduate Engineering Program. The University of Tennessee, Knoxville, offers a program of graduate work leading to the master's degree in the area 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.

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

### Majors and Degrees Available

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<td>and Landscape Design</td>
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The University of Tennessee at Nashville. Opportunities for graduate study leading to the degree of Master of Science in areas of civil engineering, engineering administration, and industrial engineering are offered by The University of Tennessee, Knoxville, and are administered by the Vice Chancellor for Graduate Studies and Research.

Students who enroll in these programs must be admitted to The University of Tennessee, Knoxville, Graduate School. Information and appropriate forms may be obtained from the Registrar, The University of Tennessee at Nashville, 10th and Charlotte, Nashville, Tennessee 37203.

The University of Tennessee—Oak Ridge Graduate School of Biomedical Sciences. The University provides programs leading to the M.S. and Ph.D. degrees in various areas of biomedical sciences. Graduate students have the opportunity to study and to 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.

FELLOWSHIPS AND ASSISTANTSHIPS
The Hilton A. Smith Graduate Fellowships for full-time studies at The
## Majors and Degrees Available

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<tr>
<th>Major</th>
<th>Degree</th>
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*All M.S. and Ph.D. applicants obtain special application form from Associate Dean, College of Home Economics.*
### Majors and Degrees Available

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<th>DEGREE</th>
<th>ADMISSION TEST REQUIRED</th>
<th>G.R.E. APT. ADV.</th>
<th>G.M.A.T.</th>
<th>LETTER OF RECOMMENDATION</th>
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1. Offered only at UT Space Institute.
2. Offered also at off-campus locations.
3. Department doctoral option offered under the major of home economics.
4. Interdisciplinary option offered in each department.
5. Ph.D. applicants only.
6. American applicants only.
7. Ed.D. applicants only.
8. Ed.S. applicants only.
9. International applicants only.
10. Interdisciplinary Ph.D. applicants only.

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University of Tennessee, Knoxville are awarded on the basis of ability and without regard to the field of study of the candidate. Monthly stipends are provided, and tuition and maintenance fee are paid by the University. Successful applicants need better than an overall 3.0 grade point average and high scores from the Graduate Record Examination or the Graduate Management Admission Test. Application packets are available in the Graduate Office from November 1st through February 1st. Completed applications, including all required supporting material, must be submitted to the Assistant Director of Graduate Admissions by February 15th. Graduate assistantships and additional fellowships are offered through many departments of the University. The stipends usually provide for payment of tuition and maintenance fee by the University. Information concerning these types of assistance may be secured by writing to the head of the department in which the student expects to study.

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### Graduate School of Biomedical Sciences (193)

**W.E. Barnett, Director**  
**P.J. Preston, Associate Director**

#### Full-Time Faculty

Professors:
- D. Billen, Ph.D. Tennessee  
- D.E. Olins, Ph.D. Rockefeller

Associate Professors:
- F.H. Gaertner, Ph.D. Purdue  
- F.D. Hamilton, Ph.D. Pittsburgh

Assistant Professor:
- W.R. Reis, Ph.D. University of Glasgow (Scotland)

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

Department of Energy, 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 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.

The four research areas available for
master's and Ph.D. thesis work are biochemistry, biophysics, carcinogenesis, cell biology, genetics, and physiology. Included are such subjects as immunology, protein and enzyme chemistry, nucleic acid chemistry, cytology, radiation and environmental biology, virology, developmental biology, experimental pathology, microbial and mammalian genetics, mutagenesis, and problems of aging.

The Graduate School of Biomedical Sciences publishes supplementary information in addition to the regular Graduate Catalog. All inquiries concerning admission should be addressed to:

Director, The University of Tennessee
Oak Ridge Graduate School of Biomedical Sciences, Biology Division, ORNL, P.O. Box Y, Oak Ridge, Tennessee 37830.

Courses

5000 Thesis

5070-80 Physical Chemistry for the Life Sciences (3, 3)

5110-20 Biochemistry (3, 3)

5140 Biophysics I (3)

5150 General Genetics (3)

5160 Advanced Genetics (3)

5170 Molecular Genetics (3)

5180 Cell Biology I (3)

5190 Cell Biology II (3)

5200 Mammalian Physiology (4)

5230 Biochemical Concepts in Medical Science (3)

5310-20-30-40 Biomedical Sciences Laboratory (3, 3, 3, 3)

5350 Biomedical Sciences Seminar (1)

5360 Biomedical Sciences Seminar (1)

5370 Biomedical Sciences Seminar (1)

5430-60-90 Graduate Research Participation (3, 6, 9)

5510-20-30-40 Special Topics in Biomedical Sciences (3, 3, 3, 3)

5700 Developmental Biology (3)

5740 Statistics for Biologists (3)

5840 Bioorganic Reaction Mechanisms (3)

5860 Cytobiology (3)

5920 Mammalian Genetics (3)

5940 Classic Experiments in Genetics (3)

6000 Doctoral Research and Dissertation

6110 Seminar in Plant Physiology (1)

6120 Seminar in Cellular and Developmental Biology (1)

6130 Seminar in Genetics (1)

6140 Seminar in Mammalian Research (1)

6150 Seminar in Immunology (1)

6160 Seminar in Biophysics (1)

6170 Seminar in Biochemistry (2)

6180 Advanced Seminar In Biomedical Sciences (1-3)

6190 Seminar in Animal Virology (1)

6200 Nucleic Acid Chemistry (3)

6210 Protein Chemistry and Enzyme Mechanisms (3)

6220 Enzyme Regulation and Kinetics (3)

6240 Chemistry and Metabolism of Lipids (3)

6270 Viral Carcinogenesis (3)

6280 Chemical and Physical Carcinogenesis (3)

6290 Cancer Biology and Biochemistry (3)

6300 Mutagenesis (3)

6510-20-30-40 Advanced Topics in Biomedical Sciences (3, 3, 3, 3)

Engineering Administration

COMMITTEE:
H.L. Loveless, Chairman
J.F. Bailey
F.A. Chamblin
E.C. Huebschmann
J.R. McMillan
R.E. Shriever
W.G. Sullivan

A program of study leading to the degree of Master of Science with a major in engineering administration is offered. This program is aimed at providing education for graduate engineers in the organization and direction of work in engineering functions, at a level which requires understanding of such areas as marketing, finance, and industrial relations. It should be emphasized that this is an engineering program, aimed at preparing individuals for line management positions in construction, design, development, manufacturing, etc. where both technical and nontechnical factors exert significant influence on the success of a given activity. The program does not provide the opportunity for in-depth study of any of the traditional areas of business administration, and students with such interests are advised to consider graduate programs available in the College of Business Administration.

To be admitted to the Graduate School as a potential candidate for a master's degree with a major in engineering administration, the applicant must submit reasonable evidence of ability to pursue graduate studies at an acceptable level of performance. In general, the applicant must have graduated from a recognized undergraduate institution in engineering or science with a satisfactory grade point average. In addition, applicants must satisfy one of the following experience requirements: (1) at least two years of engineering experience after graduation if a full-time student or (2) current employment in engineering work if a part-time student.

THE MASTER'S PROGRAM

Minimum requirements for the master's degree are the satisfactory completion of the following courses:

1. An Engineering Core, 27 hours of graduate credit consisting of Engineering Administration 5900, at least three courses chosen from Industrial Engineering 4150, 5110, 5520, and 5710, and a complement of engineering courses, normally selected from the student's undergraduate major department or from courses of other departments pertinent to this program.

2. A Business Administration Core, 15 hours of graduate credit consisting of Accounting 5810, Finance 5050, Marketing 5050, Management 5130 and Transportation 5210.

3. General Electives, nine hours of graduate credit chosen from computer science, economics, engineering, management science, mathematics, psychology, statistics, and other program-related disciplines.

The program requirement totals 51 hours of graduate course credit. No thesis is required. A final oral and written examination must be passed on the work offered for the degree. Course prerequisites for the program are Accounting 2110, Computer Science 3150, Industrial Engineering 4520, and Statistics 3450 or their equivalents. None of these prerequisites may be counted as part of the 51 hours of credit offered for the degree. These course prerequisites will be waived upon presentation of evidence of competency in the course subjects.

Other prerequisite courses may be required, depending upon the student's background and the electives chosen.

COURSES

5002 Non-Thesis Graduation Completion (3-15)

5900 Project in Engineering Administration (3)

Environment Center

Director:
J.H. Gibbons, Ph.D. Duke.

Associate Director:
R.A. Bohm, Ph.D. Washington (Missouri).

The Environment Center was created to encourage and support University faculty and students to become involved in interdisciplinary studies to provide alternative solutions to problems related to energy and the environment. The Center provides assistance to faculty interested in developing research and public service projects, manages research and development projects that involve several disciplines, and assists Tennessee government and industry in specific problems related to energy and environment. It is a component of the Statewide Consumer Education Program, especially in developing material.

Current research includes environmental and human costs of coal production, solar power utilization in buildings, energy conservation in buildings and industry, and regional solid waste management and resource recovery.

The Center is operated by The University of Tennessee, Knoxville, through the Office of the Vice Chancellor for Graduate Studies and Research.