The Graduate Catalog

The Graduate Catalog represents the offerings and requirements in effect at the time of publication, but there is no guarantee that they will not be changed or revoked. The course offerings and requirements of the institution are continually under examination and revision. However, adequate and reasonable notice will be given to students affected by any change. This catalog is not intended to state contractual terms and should not be regarded as a contract between the student and the institution.

The institution reserves the right to change any provision, offering, or requirement to be effective when determined by the institution. These changes will govern current and readmitted students. Enrollment of all students is subject to these conditions. The current catalog should be referred to during each year of study. The University further reserves the right to dismiss a student from the University for cause at any time.

Student Responsibility

Graduate students must assume full responsibility for knowledge of rules and regulations of the Graduate Council and departmental requirements for the chosen degree program. Any exceptions to the policies stated in the Graduate Catalog must be approved by the Dean of Graduate Studies. Individual colleges and departments may have requirements beyond the minimum established by the Graduate Council. A calendar of deadlines, policies and procedures for graduate programs are found on the Graduate Studies web page (http://web.utk.edu/~gsinfo). A statement of graduate students' rights and responsibilities is included with the admission notification. Additional copies are available at the Office of Graduate Admissions.

Contacts

The University of Tennessee
Knoxville, TN 37996
Office Hours: 8:00 a.m.-5:00 p.m.
Monday-Friday

GRADUATE STUDIES
Anne Mayhew, Dean of Graduate Studies
Andy Holt Tower
(865) 974-3265 E-Mail: amayhew@utk.edu

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Kay Reed, Assistant to the Dean
440 Communications Building
(865) 974-2475 E-Mail: kayreed@utk.edu

GRADUATE AND INTERNATIONAL ADMISSIONS
Rose Ann Trantham, Associate Director
218 Student Services Building
(865) 974-3251 E-Mail: rtrantham@utk.edu

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Assistantships--Head of department or program in which you plan to major
Fellowships and Scholarships--Kay Reed, Assistant to the Dean
440 Communications Building
(865) 974-2475 E-Mail: kayreed@utk.edu
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115 Student Services Building
(865) 974-3131 E-Mail: jgerkin@utk.edu

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Jim Gehlhar, Director
1620 Melrose
(865) 974-3177 E-Mail: gehlhar@utk.edu

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451 Communications Bldg.
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(865) 974-2571 E-Mail: jgrubb1@utk.edu

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Dan Carlson, Director
191 Hoskins Library
(865) 974-6087 E-Mail: carlson@tennessee.edu

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Monique Anderson, Registrar
209 Student Services Building
(865) 974-2101 E-Mail: manders3@utk.edu

GRADUATE STUDENT ASSOCIATION
GSA President
315E University Center
(865) 974-2377 E-Mail: gsa@utk.edu

(See Web Pages at http://www.utk.edu/ and at http://web.utk.edu/~gsinfo)
### University Calendar for 2002-03

#### Summer Term 2002

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 30 (Thursday)</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>July 3 (Wednesday)</td>
<td>First Session Ends</td>
</tr>
<tr>
<td>July 4 (Thursday)</td>
<td>Independence Day</td>
</tr>
<tr>
<td>July 5 (Friday)</td>
<td>Second Session Begins</td>
</tr>
<tr>
<td>August 7 (Wednesday)</td>
<td>Second Session Ends</td>
</tr>
<tr>
<td>August 10 (Saturday)</td>
<td>Graduation Date*</td>
</tr>
</tbody>
</table>

#### Fall Semester 2002

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 21 (Wednesday)</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>September 2 (Monday)</td>
<td>Labor Day</td>
</tr>
<tr>
<td>October 10-11 (Thursday-Friday)</td>
<td>Fall Break</td>
</tr>
<tr>
<td>November 28-29 (Thursday-Friday)</td>
<td>Thanksgiving Break</td>
</tr>
<tr>
<td>December 3 (Tuesday)</td>
<td>Classes End</td>
</tr>
<tr>
<td>December 4, 6 (Wednesday, Friday)</td>
<td>Study Period</td>
</tr>
<tr>
<td>December 5, 9-12 (Thursday, Monday-Thursday)</td>
<td>Final Exams</td>
</tr>
<tr>
<td>December 13 (Friday)</td>
<td>Commencement</td>
</tr>
</tbody>
</table>

#### Spring Semester 2003

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 13 (Monday)</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>January 20 (Monday)</td>
<td>Martin Luther King Holiday</td>
</tr>
<tr>
<td>March 17-21 (Monday-Friday)</td>
<td>Spring Break</td>
</tr>
<tr>
<td>April 18 (Friday)</td>
<td>Spring Recess</td>
</tr>
<tr>
<td>April 30 (Wednesday)</td>
<td>Study Period</td>
</tr>
<tr>
<td>May 1-2 (Thursday-Friday)</td>
<td>Final Exams</td>
</tr>
<tr>
<td>May 5-9 (Monday-Friday)</td>
<td>Commencement</td>
</tr>
<tr>
<td>May 10 (Saturday)</td>
<td>Mini Term</td>
</tr>
<tr>
<td>May 14-June 4 (Wednesday-Wednesday)</td>
<td>Memorial Day</td>
</tr>
</tbody>
</table>

#### Summer Term 2003

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 5 (Thursday)</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>July 4 (Friday)</td>
<td>Independence Day</td>
</tr>
<tr>
<td>July 9 (Wednesday)</td>
<td>First Session Ends</td>
</tr>
<tr>
<td>July 10 (Thursday)</td>
<td>Second Session Begins</td>
</tr>
<tr>
<td>August 12 (Tuesday)</td>
<td>Second Session Ends</td>
</tr>
<tr>
<td>August 16 (Saturday)</td>
<td>Graduation Date*</td>
</tr>
</tbody>
</table>

*There is no commencement ceremony in the summer. This is the official date that will appear on the transcript.

NOTE: Deadlines for degree requirements are at end of section on Degree Program Requirements.
The University Administration

Board of Trustees

<table>
<thead>
<tr>
<th>Ex Officio Members</th>
<th>From Congressional Districts</th>
<th>DISTRICT</th>
<th>TERM EXPIRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governor, State of Tennessee</td>
<td>D. Lynn Johnson, Kingsport</td>
<td>First</td>
<td>May 31, 2005</td>
</tr>
<tr>
<td>Commissioner of Education</td>
<td>William B. Stokely, Knoxville</td>
<td>Second</td>
<td>May 31, 2007</td>
</tr>
<tr>
<td>Commissioner of Agriculture</td>
<td>John C. Thornton, Chattanooga</td>
<td>Third</td>
<td>May 31, 2006</td>
</tr>
<tr>
<td>President of The University of</td>
<td>Charles E. Coffey, Shelbyville</td>
<td>Fourth</td>
<td>May 31, 2002</td>
</tr>
<tr>
<td></td>
<td>Andrea Loughry, Murfreesboro</td>
<td>Sixth</td>
<td>May 31, 2005</td>
</tr>
<tr>
<td></td>
<td>Waymon L. Hickman, Columbia</td>
<td>Seventh</td>
<td>May 31, 2006</td>
</tr>
<tr>
<td></td>
<td>Jerry L. Jackson, Dyersburg</td>
<td>Eighth</td>
<td>May 31, 2002</td>
</tr>
<tr>
<td></td>
<td>Johnnie D. Amonette, Memphis</td>
<td>Ninth</td>
<td>May 31, 2007</td>
</tr>
</tbody>
</table>

| From Anderson, Bedford, Coffee,      | TERMEXPIRES                  | From Weakley County | TERMEXPIRES |
| Franklin, Lincoln, Moore, and Warren | May 31, 2006                 | Barbara C. Castleman| May 31, 2002|
| Counties                             |                              |                  |
| J. Steven Ennis                      |                              |                  |
| From Davidson County                |                              |                  |
| R. Clayton McWhorter                | May 31, 2005                 |                  |
| From Hamilton County                |                              |                  |
| Frank J. Kinser                     | May 31, 2002                 |                  |
| From Knox County                    |                              |                  |
| Susan Richardson-Williams           | May 31, 2007                 |                  |
| James A. Haslam, II                 | May 31, 2007                 |                  |
| From Shelby County                  | Vacant                       |                  |
| Rhynette N. Hurd                    | May 31, 2002                 |                  |

University of Tennessee (Knoxville, Memphis, Tullahoma, Institute of Agriculture, Institute for Public Service) Administration

Emerson H. Fly, B.S., CPA, Acting President and Chief Executive Officer
Thomas B. Ballard, B.S., Vice President for Public and Governmental Relations
Jack H. Britt, B.S., M.S., Ph.D., Vice President for Agriculture
Philip W. Conn, Ph.D., Vice President for Special Programs
Loren W. Crabtree, B.A., M.A., Ph.D., Vice President and Provost
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Catherine S. Mizell, B.A., J.D., Vice President, General Counsel and Secretary
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William R. Rice, A.B., J.D., Vice President for Health Affairs
Theotis Robinson, Vice President for Equity and Diversity
Philip A. Scheurer, B.A., M.S., Vice President Knoxville Operations
Jack E. Williams, B.S., Vice President for Development and Alumni Affairs
Clifton Woods, III, B.S., M.S., Ph.D., Vice Provost
Anne Mayhew, B.A., M.A., Ph.D., Vice Provost for Academic Affairs and Dean of Graduate Studies
Faye Julian, B.A., M.A., Ph.D., Dean of Undergraduate Academic Affairs
C. A. Speer, B.S., M.S., Ph.D., Dean of the College of Agricultural Sciences and Natural Resources and Agricultural Experiment Station
Marleen K. Davis, B.Arch., M.Arch., Dean of the College of Architecture and Design
Lorayne W. Lester, B.S., M.A., Ed.D., Dean of the College of Arts and Sciences
Jan R. Williams, B.S., M.B.A., Ph.D., Dean of the College of Business Administration
Dwight L. Teeter, A.B., M.J., Ph.D., Dean of the College of Communications
C. Glennon Rowell, B.S., M.A., Ed.D., Dean of the College of Education
Fred Tompkins, B.S., Ph.D., Acting Dean of the College of Engineering
James D. Moran, III, B.A., M.S., Ph.D., Dean of the College of Human Ecology
Elizabeth S. Aversa, B.A., M.Ln., Ph.D., Director, School of Information Sciences
Thomas C. Galligan, Jr., A.B., J.D., L.L.M., Dean of the College of Law
Joan Creasia, B.S.N., M.S.N., Ph.D., R.N., Dean of the College of Nursing
Karen Sowers, B.A., M.S.W., Ph.D., Dean of the College of Social Work
Michael J. Blackwell, B.S., M.P.H., D.V.M., Dean of the College of Veterinary Medicine
Robert Leiter, B.S., M.S., Ed.D., Dean of University Outreach and Continuing Education
Richard L. Bayer, B.A., M.A., Dean of Admissions and Records
Barbara I. Dewey, B.A., M.A., Dean of University Libraries
The Graduate Studies Administration

Anne Mayhew, B.A., Ph.D., Vice Provost for Academic Affairs and
Dean of Graduate Studies
S. Kay Reed, B.S., M.S., M.A., Ph.D., Assistant to the Dean

The Graduate Council (Membership August 1, 2001)

Ex Officio Members

Dr. Anne Mayhew, Graduate Council Chairman
Dr. Mary Albrecht, College of Agricultural Sciences and Natural Resources
Dr. Elizabeth Aversa, School of Information Sciences
Dr. Bill Blass, Chairman of the Research Council
Dr. John Caruthers, UT Space Institute
Dr. Ed Caudill, College of Communications
Mr. Jon Coddington, College of Architecture and Planning
Dr. Billie Collier, College of Human Ecology
Ms. Barbara Dewey, Dean of Libraries
Dr. David Dupper, College of Social Work

Dr. Sarah Gardial, College of Business Administration
Dr. Thomas W. George, College of Education
Dr. Leon Potgieter, College of Veterinary Medicine
Dr. Stuart Rigsby, College of Arts and Sciences
Dr. Carol Seavor, College of Nursing
Dr. John L. Sobieski, Jr., College of Law
Dr. Fred Tompkins, College of Engineering
Dr. Kathy Warden, University Outreach and Continuing Education

College or Unit          Elected Members                  Expiration       Proxy

Agric. Sci. & Natural Resources  Dr. Robert M. Auge       July 31, 2004      Dr. David A. Golden
Architecture & Design          Mr. Jon Coddington    July 31, 2004      Mr. Max Robinson
Arts & Sciences               Dr. Mike Lofaro        July 31, 2002      Mr. James Spencer
                              Dr. Tom Hood         July 31, 2002      Dr. Joel Lubar
                              Dr. Steffi Ohnesorg   July 31, 2003      TBD
                              Dr. Carol Harden      July 31, 2003      TBD
                              Dr. Beauvais Lyons   July 31, 2003      TBD
                              Dr. Stephen Blackwell July 31, 2004      Dr. John Romeiser
                              Dr. Charles Feigerle   July 31, 2004      Dr. Gerald Schroedi

Business Administration      Dr. Ray DeGennaro       July 31, 2002      Dr. Dan Murphy
                              Dr. Melissa Bowers    July 31, 2003      TBD
                              Dr. Richard Townsend  July 31, 2003      TBD
Communications               Dr. Barbara Moore      July 31, 2002      Dr. Ed Caudill
Education                    Dr. Sharon Judge       July 31, 2002      Dr. David Bassett
                              Dr. Dennie Kelley     July 31, 2002      Dr. Grady Bogue
                              Dr. Vena Long         July 31, 2003      Dr. Mary Jane Connelly
                              Dr. Kathleen Davis    July 31, 2004      TBD
                              Dr. Blanche O'Bannon  July 31, 2004      TBD
Engineering                  Dr. Wayne T. Davis     July 31, 2003      Dr. Arun Chatterjee
                              Dr. Paul D. Frymier   July 31, 2004      Dr. Raymond Buchanan
                              Dr. Majid Keyhani     July 31, 2004      Dr. Belle Upadhyaya
Graduate Student Association  Mr. Nathan Hammer       April 30, 2002      TBD
                              Ms. Stacy Clement     April 30, 2002      TBD
                              Mr. Sam Morton        April 30, 2002      TBD
Human Ecology                Dr. Charles Hamilton   July 31, 2002      Dr. Randy Bresee
                              Dr. Naima M. Moussa   July 31, 2004      Dr. Doo Lim
Law                          Ms. D. Cheryn Picquet July 31, 2003      TBD
Nursing                      Dr. Nan Gaylord        July 31, 2004      Dr. Sandra McGuire
School of Information Sciences Dr. Gretchen Whitney    July 31, 2003      TBD
Social Work                  Dr. Mary Rogge         July 31, 2004      Dr. John Orme
                              Dr. Marlys Staudt     July 31, 2004      Dr. Roger Nooe
UT Space Institute           Dr. Trevor Moulden     July 31, 2004      Dr. Monty Smith
Veterinary Medicine          Dr. Patti Tithof       July 31, 2003      Dr. John New
GRADUATE STUDY
Graduate Studies

The University of Tennessee is the land-grant institution of the State of Tennessee, with its main campus in Knoxville. UT is the state's largest and most comprehensive institution, and is a Carnegie One Research Extensive Institution. The University of Tennessee is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097: Telephone number 404-679-4501) to award the bachelor's, master's and doctoral degrees.

A wide range of graduate programs leading to master's and doctoral degrees is available. The University offers master's programs in 76 fields, the Educational Specialist degree, doctoral work in 44 fields, 2 professional programs, and several graduate certificate programs. More than 6,000 graduate and professional students are enrolled on and off campus under the tutelage of 1,500 faculty members.

Graduate programs bring together faculty and graduate students as a community of scholars with a common interest in creative work and advanced study. Programs are available to individuals desiring work toward the master's and doctoral degrees or professional certification, those interested in continuing education for updating and broadening their knowledge, and those pursuing postdoctoral research. Serving the needs of students engaged full-time in intensive study and pursuit of a degree continues to be a major emphasis of UT's graduate effort. Increasingly the University employs a variety of modes, traditional and non-traditional, in offering quality programs designed to serve a diverse student clientele.

Graduate programs are administered by the Graduate Council; the Graduate Studies administrative organization, composed of the Dean's Office and the Office of Graduate Student Services; administrators of the various graduate programs; the faculty; and the graduate student body.

The Graduate Council is composed of elected faculty representatives from each college, the Space Institute, and the Graduate Student Association. Ex-officio members include the Dean of Graduate Studies, the Chair of the Research Council, the Dean of Libraries, the Dean of Continuing Education, and the administrative officer having primary responsibility for the graduate curriculum in each college or school.

The Graduate Council is responsible for standards of admission, retention and graduation, and for curricular matters in graduate programs; the development of interdisciplinary programs; approval of new graduate programs; approval of individuals to direct doctoral dissertation research; financial support of graduate students; and all other matters of educational policy pertaining to graduate programs. Standing committees include academic policy, appeals, credentials, curriculum, professional development, and the Graduate Deans Group.

The Office of Graduate Student Services, in conjunction with Admissions and Records, develops procedures to implement policies formulated by the Council. Much of the day-to-day administration of graduate study is conducted by department heads or faculty advisors and committees responsible for particular programs. In addition to departmental units, numerous interdisciplinary programs, institutes and centers have been developed on campus and in locations throughout the state.

The graduate student body is composed of those persons admitted to graduate study, upon recommendation of the academic unit, and who are currently enrolled in graduate programs.

Graduate education has been conducted at The University of Tennessee since 1821. The first master's degree was awarded in 1827. In 1879 the Board of Trustees created a graduate department with authority to confer the Master of Arts, the Doctor of Philosophy, Civil Engineer, and Mining Engineer degrees. The Graduate Department was renamed The Graduate School in 1912. Although a Ph.D. degree was awarded in 1886 and in 1887, formal doctoral programs were not instituted until 1929 for Biological Sciences at Memphis and 1943 for Chemistry on the Knoxville campus. A Committee on Graduate Study was appointed in 1904 and coordinated the graduate programs until the Graduate Council was formed in 1949. More than 9,100 doctoral degrees and 54,000 master's degrees have been awarded to date.
Graduate Majors and Degree Programs

Below is a list of all graduate degree programs offered at The University of Tennessee. A degree is awarded upon completion of a specified program of study in a major field. Degree titles are posted on transcripts and diplomas. A formally approved subcomponent of a degree program is a concentration. Select ONE of these majors and degrees. Enter your preference on the Graduate School application (orange form) under Type of Admission. Please contact the program you have selected for additional information.

### College of Agricultural Sciences & Natural Resources

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>DEGREE</th>
<th>GRE</th>
<th>RATING</th>
<th>DEPT. REQ.</th>
<th>THESIS</th>
<th>LANGUAGE</th>
<th>CONCENTRATIONS AVAILABLE</th>
<th>EVALUATION DATES/PHONE (AREA CODE: 865)</th>
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<tbody>
<tr>
<td>Agricultural &amp; Extension Education*</td>
<td>MS</td>
<td>3</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Agricultural education, agricultural extension education. (974-7371, <a href="mailto:rwaters@utk.edu">rwaters@utk.edu</a>)</td>
<td></td>
</tr>
<tr>
<td>Agricultural Economics*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>MS-agribusiness, agriculture economics. (974-7231, <a href="mailto:jbrooker@utk.edu">jbrooker@utk.edu</a>)</td>
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<tr>
<td>Animal Science*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td>MS-animal genetics, animal health &amp; well-being, animal management, animal nutrition, animal physiology. (974-3139, <a href="mailto:amathew@utk.edu">amathew@utk.edu</a>)</td>
<td></td>
</tr>
<tr>
<td>Biosystems Engineering*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td>PHD-agricultural electrical &amp; electronic systems, agricultural power &amp; machinery, agricultural structures &amp; environment, food &amp; process engineering, soil &amp; water conservation engineering. (974-7266, <a href="mailto:abed@utk.edu">abed@utk.edu</a>)</td>
<td></td>
</tr>
<tr>
<td>Biosystems Engineering Technology*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td></td>
<td></td>
<td>(974-7266, <a href="mailto:abed@utk.edu">abed@utk.edu</a>)</td>
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<tr>
<td>Entomology &amp; Plant Pathology*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Entomology, plant pathology. Evaluate Mar 15 for Fall and Summer, Oct 15 for Spring. (974-7135, <a href="mailto:rgerhard@utk.edu">rgerhard@utk.edu</a>)</td>
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</tr>
<tr>
<td>Food Science &amp; Technology*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td>PHD-food chemistry, food microbiology, food processing, sensory evaluation of foods. (974-7247, <a href="mailto:dgolden@utk.edu">dgolden@utk.edu</a>)</td>
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</tr>
<tr>
<td>Forestry*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
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<td></td>
<td>(974-7126, <a href="mailto:ghopper@utk.edu">ghopper@utk.edu</a>)</td>
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<tr>
<td>Natural Resources*</td>
<td>PHD</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td>(974-7126, <a href="mailto:ghopper@utk.edu">ghopper@utk.edu</a>)</td>
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</tr>
<tr>
<td>Ornamental Horticulture &amp; Landscape Design*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>Landscape design, public horticulture, turfgrass, woody ornamentals. (974-7324, <a href="mailto:auge@utk.edu">auge@utk.edu</a>)</td>
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<tr>
<td>Plant &amp; Soil Sciences*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td></td>
<td></td>
<td>MS &amp; PHD-crop physiology &amp; ecology, plant breeding &amp; genetics, soil science. (974-8828, <a href="mailto:dreytond@utk.edu">dreytond@utk.edu</a>)</td>
<td></td>
</tr>
<tr>
<td>Wildlife &amp; Fisheries Science*</td>
<td>MS</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td></td>
<td></td>
<td>(974-7126, <a href="mailto:ghopper@utk.edu">ghopper@utk.edu</a>)</td>
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### College of Architecture & Design

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>DEGREE</th>
<th>GRE</th>
<th>RATING</th>
<th>DEPT. REQ.</th>
<th>THESIS</th>
<th>LANGUAGE</th>
<th>CONCENTRATIONS AVAILABLE</th>
<th>EVALUATION DATES/PHONE (AREA CODE: 865)</th>
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<tr>
<td>Architecture*</td>
<td>MArch</td>
<td>+</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td>First professional degree. Admit Summer and Fall only. Evaluate Feb 1. (974-5265, <a href="mailto:jcodding@utk.edu">jcodding@utk.edu</a>)</td>
<td></td>
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### College of Arts and Sciences

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<tr>
<th>MAJOR</th>
<th>DEGREE</th>
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<th>RATING</th>
<th>DEPT. REQ.</th>
<th>THESIS</th>
<th>LANGUAGE</th>
<th>CONCENTRATIONS AVAILABLE</th>
<th>EVALUATION DATES/PHONE (AREA CODE: 865)</th>
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<tbody>
<tr>
<td>Anthropology</td>
<td>MA</td>
<td>+</td>
<td>G</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td>MA &amp; PHD-archaeology, biological anthropology, cultural anthropology, zooarchaeology. Admit Fall only. Evaluate Jan 15. (974-4408, <a href="mailto:dpatton@utk.edu">dpatton@utk.edu</a>)</td>
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<tr>
<td>Art*</td>
<td>MFA</td>
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<td>3</td>
<td>X</td>
<td></td>
<td></td>
<td>Ceramics, drawing, graphic design, media arts, painting, printmaking, sculpture, watercolor, inter-area studies. Portfolio required. (974-3408, <a href="mailto:blyons@utk.edu">blyons@utk.edu</a>)</td>
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<tr>
<td>Audiology*</td>
<td>MA</td>
<td>+</td>
<td>G</td>
<td>2</td>
<td></td>
<td></td>
<td>Aural habilitation. Effective Fall 2003, AuD replaces MA. Admit Fall only. (974-5019, <a href="mailto:kgross@utk.edu">kgross@utk.edu</a>)</td>
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<tr>
<td>Biochemistry and Cellular and Molecular Biology*</td>
<td>MS</td>
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<td>G</td>
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<td>X</td>
<td>MS &amp; PHD-anatomy, biochemistry, cytogenetics, cytology, ecology, genetics, lichenology, molecular biology, morphology, mycology, photobiology, physiology, pteridology, systematics. Evaluate for Fall Jan 7. (974-2256, <a href="mailto:yoda@utk.edu">yoda@utk.edu</a>)</td>
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<tr>
<td>Botany*</td>
<td>MS</td>
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<td>G</td>
<td>3</td>
<td>X</td>
<td></td>
<td>MS &amp; PHD-anatomy, biochemistry, cytogenetics, cytology, ecology, genetics, lichenology, molecular biology, morphology, mycology, photobiology, physiology, pteridology, systematics. Evaluate for Fall Jan 7. (974-2256, <a href="mailto:yoda@utk.edu">yoda@utk.edu</a>)</td>
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<tr>
<td>Chemistry*</td>
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<td>MS &amp; PHD-anatomy, biochemistry, cytogenetics, cytology, ecology, genetics, lichenology, molecular biology, morphology, mycology, photobiology, physiology, pteridology, systematics. Evaluate for Fall Jan 7. (974-2256, <a href="mailto:yoda@utk.edu">yoda@utk.edu</a>)</td>
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<tr>
<td>Computer Science*</td>
<td>MS</td>
<td></td>
<td>G</td>
<td>3</td>
<td></td>
<td></td>
<td>(974-5067, <a href="mailto:straight@cs.utk.edu">straight@cs.utk.edu</a>)</td>
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<tr>
<td>Ecology and Evolutionary Biology*</td>
<td>MS</td>
<td></td>
<td>G</td>
<td>3</td>
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<td></td>
<td>MS &amp; PHD-behavior, ecology, evolutionary biology. Evaluate Jan 6. (974-3068, <a href="mailto:gmcroack@utk.edu">gmcroack@utk.edu</a>)</td>
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<td>English*</td>
<td>MA</td>
<td></td>
<td>G</td>
<td>3</td>
<td>X</td>
<td></td>
<td>MA-writing, Degree-seeking students only. Admit Fall only. Evaluate Feb 15. (974-6985, <a href="mailto:papke@utk.edu">papke@utk.edu</a>)</td>
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<td>French*</td>
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<td></td>
<td></td>
<td>See Modern Foreign Languages for PHD. (974-7602, <a href="mailto:jromeise@utk.edu">jromeise@utk.edu</a>)</td>
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<td>Geography*</td>
<td>MS</td>
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<td>Evaluate assistantship applications Feb 15. (974-2418, <a href="mailto:utkgeog@utk.edu">utkgeog@utk.edu</a>)</td>
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<td>Geology*</td>
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<td>Evaluate Feb 15. (974-6002, <a href="mailto:yoda@utk.edu">yoda@utk.edu</a>)</td>
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<td>German*</td>
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<td></td>
<td>See Modern Foreign Languages for PHD. (974-3421, <a href="mailto:hoeyng@utk.edu">hoeyng@utk.edu</a>)</td>
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<td>PHD-american, european. Evaluate Feb 15. (974-5421, <a href="mailto:tburman@utk.edu">tburman@utk.edu</a>)</td>
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<td>MS &amp; PHD-genome science and technology, plant physiology &amp; genetics. Admit Fall only. (974-1531, <a href="mailto:russellg@utk.edu">russellg@utk.edu</a>)</td>
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<td>MS-applied mathematics. PHD-mathematical ecology. (974-2464, <a href="mailto:gradprogram@math.utk.edu">gradprogram@math.utk.edu</a>)</td>
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<td>(974-3441, <a href="mailto:cvosding@utk.edu">cvosding@utk.edu</a>)</td>
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<td>X</td>
<td>X</td>
<td>First concentration-French, German, Spanish. Second concentration- applied linguistics, French, German, Italian, Portuguese, Russian, Spanish. (974-3421, <a href="mailto:jromeise@utk.edu">jromeise@utk.edu</a>)</td>
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<td>Music*</td>
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<td>Accompanying, choral conducting, composition, instrumental conducting, jazz, music education, music theory, musicology, performance, piano, pedagogy &amp; literature. Audition required. (974-3331, <a href="mailto:canders@utk.edu">canders@utk.edu</a>)</td>
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<tr>
<td>Philosophy*</td>
<td>MA</td>
<td>+</td>
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<td>3</td>
<td>X</td>
<td>X</td>
<td>MA &amp; PHD-medical ethics, philosophy. MA only-religious studies. Admit Fall only. (974-3255, <a href="mailto:kbohsted@utk.edu">kbohsted@utk.edu</a>)</td>
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<td></td>
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<td>MS &amp; PHD-astrophysics; atomic, molecular, optical, &amp; low temperature physics; biophysical; chemical physics; condensed matter &amp; surface physics; elementary particle physics; mathematical &amp; computational physics; nuclear &amp; relativistic heavy ion physics; theoretical physics. MS only-geophysics, health physics. Rating forms required only for consideration for teaching assistantships. (974-3342, <a href="mailto:ccsuh@utk.edu">ccsuh@utk.edu</a>)</td>
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<td>Planning*</td>
<td>MSP</td>
<td>+</td>
<td>G</td>
<td>2</td>
<td></td>
<td>X</td>
<td>Environmental planning, land use planning, real estate development planning, transportation planning. Admit Summer and Fall only. (974-5227, <a href="mailto:cminkel@utk.edu">cminkel@utk.edu</a>)</td>
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<tr>
<td>Political Science*</td>
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<td></td>
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<td>(974-2261, <a href="mailto:yzhong@utk.edu">yzhong@utk.edu</a>)</td>
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<tr>
<td>Psychology*</td>
<td>MA</td>
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<td>G,S</td>
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<td>X</td>
<td>MA-experimental psychology, general psychology. Evaluate Mar 15. PHD-clinical psychology, experimental psychology. Admit Fall only. Evaluate Jan 15 and Feb 15. (974-3326, <a href="mailto:cjogle@utk.edu">cjogle@utk.edu</a>)</td>
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<tr>
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<td>Public Administration*</td>
<td>MPA</td>
<td></td>
<td>3</td>
<td>X</td>
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<td></td>
<td>Dual JD-MPA program available. (974-2261, <a href="mailto:dlolle@utk.edu">dlolle@utk.edu</a>)</td>
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<tr>
<td>Sociology*</td>
<td>MA</td>
<td>+</td>
<td>G</td>
<td>3</td>
<td></td>
<td>X</td>
<td>MA &amp; PHD-criminology; energy, environment &amp; resource policy; political economy. Admit Fall only. Evaluate Feb 15. (974-7023, <a href="mailto:tonhod@utk.edu">tonhod@utk.edu</a>)</td>
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<td>Spanish*</td>
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<td>3</td>
<td>X</td>
<td></td>
<td>X</td>
<td>See Modern Foreign Languages for PHD. (974-7005, <a href="mailto:oriverar@utk.edu">oriverar@utk.edu</a>)</td>
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<tr>
<td>Speech &amp; Hearing Science*</td>
<td>PHD</td>
<td>+</td>
<td>G</td>
<td>3</td>
<td></td>
<td>X</td>
<td>Audiology, hearing science, speech &amp; language pathology, speech-language science. (974-5019, <a href="mailto:kgross@utk.edu">kgross@utk.edu</a>)</td>
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<tr>
<td>Speech Pathology*</td>
<td>MA</td>
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<td>Aural habilitation. Admit Fall only. (974-5019, <a href="mailto:kgross@utk.edu">kgross@utk.edu</a>)</td>
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<td>Theatre*</td>
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<td>3</td>
<td>X</td>
<td></td>
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<td>Costume design, performance, lighting design, scene design, theatre technology. Audition required. (974-6011, <a href="mailto:ldecuir@utk.edu">ldecuir@utk.edu</a>)</td>
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**College of Business Administration**

**Accounting**

- MAcc + GMAT 2 X
- Assurance services, systems, taxation. Admit Fall only. Evaluate Mar 1. (974-1750, rownsen@utk.edu)

**Business Administration**

- MBA + GMAT 2 X
- MBA-finance, logistics & transportation, marketing, operations management. PHD-accounting, finance, logistics & transportation, management, marketing, statistics. Admit Fall only. Evaluate Mar 1. Dual JD-MBA, MS-MBA, Executive MBA, Professional MBA programs available. (974-5033, mba@utk.edu)

- PHD + GMAT 4 X
- GMAT may be substituted for GRE. Admit Fall only. Evaluate Feb 1. (974-1697, dkemper@utk.edu)

**Economics**

- MA + GMAT 3 X
- GMAT may be substituted for GRE. Admit Fall only. Evaluate Feb 1. (974-1697, dkemper@utk.edu)

- PHD + GMAT 3 X
- GMAT may be substituted for GRE. Admit Fall only. Evaluate Feb 1. (974-1697, dkemper@utk.edu)

**Industrial & Organizational Psychology**

- PHD + GMAT 3 X
- Admit Fall only. Evaluate Feb 1. Use forms obtained from department. Degree-seeking students only. (974-4843, jbrlov@utk.edu)

**Management Science**

- MS + GMAT 3 X
- GMAT may be substituted for GRE. (974-4116, jmoser@utk.edu)

- PHD + GMAT 3 X
- Industrial statistics. GMAT may be substituted for GRE. Certificate program in applied statistical strategies also available. (974-2556, rmee@utk.edu)

**Statistics**

- MS + GMAT 3 X
- Industrial statistics. GMAT may be substituted for GRE. Certificate program in applied statistical strategies also available. (974-2556, rmee@utk.edu)

**College of Communications**

**Communications**

- MS + GMAT 3 X
- MS & PHD-advertising, broadcasting, journalism, public relations, speech communication. PHD only-information sciences. Admit Fall only. (974-6651, cocomogs@utk.edu)

**College of Education**

**College Student Personnel**

- MS + GMAT 3 X
- Evaluate Mar 15. (974-6792, edadmin@utk.edu)
<table>
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<th>MAJOR</th>
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<th>LANGUAGE REQ'D.</th>
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<td>Counseling*</td>
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<td>Mental health counseling, rehabilitation counseling, school counseling. Evaluate Feb 1 and Nov 1. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
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<td>MS Track 1 (those who are already licensed)-art education; curriculum; education of the deaf and hard of hearing; elementary education; English education; foreign language/ESL education; instructional technology; mathematics education; modified &amp; comprehensive special education; reading education; science education; social foundations; social science education; special education; early childhood. MS Track 2 (those who are seeking initial licensure)-art education; education of the deaf &amp; hard of hearing; elementary teaching; modified &amp; comprehensive special education; secondary teaching; special education; early childhood. EDS-curriculum; educational administration &amp; supervision; elementary education; English education; foreign language/ESL education; instructional technology; mathematics education; reading education; school counseling; school psychology; science education; social science education, special education. EDD-curriculum, educational research, and evaluation; educational administration and policy studies; educational psychology; instructional technology; literacy, language education and ESL education; teacher education. PHD-counseling psychology; counselor education; cultural studies in education curriculum, educational research, and evaluation; early childhood education; educational administration and policy studies; educational psychology; exercise science; instructional technology; literacy, language education and ESL education; school psychology; socio-cultural foundations of sport and education; teacher education. Evaluate Jan 1 and Feb 1. Certificate program in urban education also available. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
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<td>Educational administration &amp; supervision. Evaluate Jun 1. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
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<td>Educational Psychology*</td>
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<td>Adult education, individual &amp; collaborative learning. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
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<td>Human Performance &amp; Sport Studies*</td>
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<td>Exercise science, sport management, sport studies. (974-6792, <a href="mailto:gdills@utk.edu">gdills@utk.edu</a>)</td>
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**College of Engineering**

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<th>LANGUAGE REQ'D.</th>
<th>Concentrations Available</th>
<th>Evaluation Dates/Phone (Area Code: 865)</th>
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<td>MS &amp; PHD-aeroacoustics, aerodynamics &amp; performance, energy conversion &amp; utilization, flight &amp; aerospace mechanics, gasdynamics, heat transfer &amp; fluid mechanics, propulsion, space engineering, structures &amp; stress analysis, thermodynamics. (974-5115, <a href="mailto:maesinfo@engr.utk.edu">maesinfo@engr.utk.edu</a>)</td>
<td>MS &amp; PHD-engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<tr>
<td>Chemical Engineering*</td>
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<td>PHD</td>
<td>G</td>
<td>3</td>
<td>X</td>
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<td></td>
<td>MS &amp; PHD-advanced control systems, chemical bioengineering, chemical engineering, polymer science &amp; engineering. Evaluate Feb 1 for financial aid. Qualified applicants are encouraged to apply directly to the PHD program. PHD applicants receive financial aid preference. Certificate program in maintenance and reliability engineering also available. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
<td>MS &amp; PHD-geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>MS &amp; PHD-geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Electrical Engineering*</td>
<td>MS</td>
<td>PHD</td>
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<td>MS &amp; PHD-advanced control systems, chemical bioengineering, chemical engineering, polymer science &amp; engineering. Evaluate Feb 1 for financial aid. Qualified applicants are encouraged to apply directly to the PHD program. PHD applicants receive financial aid preference. Certificate program in maintenance and reliability engineering also available. (974-6792, <a href="mailto:edadmin@utk.edu">edadmin@utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Engineering Science</td>
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<td>MS &amp; PHD-biomedical engineering, computational mechanics, fluid mechanics, mechanics of composite materials, optical engineering (UTSI only), solid mechanics. MS only-applied artificial intelligence, product development and manufacturing. PHD only-industrial engineering. Dual MS-MBA program available. (974-5115, <a href="mailto:maesinfo@engr.utk.edu">maesinfo@engr.utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Environmental Engineering*</td>
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<td>Air quality, environmental risk assessment, mixed waste management, water quality, water resources. See Civil Engineering for PHD. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
<td>MS &amp; PHD-materials, metallurgy, polymers. (974-5336, <a href="mailto:prtaylor@utk.edu">prtaylor@utk.edu</a>)</td>
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<td>Industrial Engineering*</td>
<td>MS</td>
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<td>Industrial engineering, engineering management, manufacturing systems engineering, product development and manufacturing. Evaluate March 1 for financial aid. (Thesis required for full-time students receiving departmental financial aid.). Dual MS-MBA program available. See Engineering Science for PHD. Certificate program in maintenance and reliability engineering also available. (974-3333, <a href="mailto:ie@engr.utk.edu">ie@engr.utk.edu</a>)</td>
<td>MS &amp; PHD-geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Materials Science and Engineering*</td>
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<td>PHD</td>
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<td>MS &amp; PHD-materials, metallurgy, polymers. (974-5336, <a href="mailto:prtaylor@utk.edu">prtaylor@utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Mechanical Engineering*</td>
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<td>PHD</td>
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<td>MS &amp; PHD-dynamics, control &amp; robotics; energy conversion &amp; utilization; gasdynamics; heat transfer &amp; fluid mechanics; machine design; power generation; propulsion; space engineering; stress analysis; thermodynamics. MS only-product development and manufacturing. Dual MS-MBA program available. Certificate program in maintenance and reliability engineering also available. (974-5115, <a href="mailto:maesinfo@engr.utk.edu">maesinfo@engr.utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Nuclear Engineering*</td>
<td>MS</td>
<td>PHD</td>
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<td>MS &amp; PHD-radiological engineering. Certificate programs in maintenance and reliability engineering and in nuclear criticality safety also available. (974-2525, <a href="mailto:utne@utk.edu">utne@utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>Polymer Engineering*</td>
<td>MS</td>
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<td>MS &amp; PHD-composite materials; mechanical, physical &amp; chemical behavior of polymers; polymer morphology; rheology &amp; polymer processing. (974-5336, <a href="mailto:prtaylor@utk.edu">prtaylor@utk.edu</a>)</td>
<td>MS &amp; PHD-construction engineering, environmental engineering, geotechnical/materials engineering, public works engineering, structural engineering, transportation engineering. (974-2503, <a href="mailto:cee@utk.edu">cee@utk.edu</a>)</td>
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<td>MAJOR</td>
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<td>College of Human Ecology</td>
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<td>Child &amp; Family Studies*</td>
<td>MS</td>
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<td>Child and family studies, early childhood education. Begin evaluation Feb 1. (974-5316, <a href="mailto:chs@utk.edu">chs@utk.edu</a>)</td>
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<td>Health Promotion &amp; Health Education</td>
<td>MS</td>
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<td>3</td>
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<td>Evaluate Feb 1, April 1 and Oct 1. (974-5041, <a href="mailto:pcarmey@utk.edu">pcarmey@utk.edu</a>)</td>
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<td>Human Ecology*</td>
<td>PHD</td>
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<td>X</td>
<td>X</td>
<td>Child and family studies, community health, human resource development, nutrition science, retail &amp; consumer sciences, textile science. Evaluate Feb 1, Jun 1, Nov 1. (974-5224, <a href="mailto:bcollier@utk.edu">bcollier@utk.edu</a>)</td>
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<td>Human Resource Development</td>
<td>MS</td>
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<td>Teacher licensure (Requires admission to teacher education), training and development. Evaluate Feb 1, Jun 1, and Nov 1. (974-2574, <a href="mailto:hrd@utk.edu">hrd@utk.edu</a>)</td>
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<td>Nutrition*</td>
<td>MS</td>
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<td>X</td>
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<td>Nutrition science, public health nutrition. Evaluate Feb 1, May 1 and Oct 1. Dual MS-MPH program available. (974-5445, <a href="mailto:cyates1@utk.edu">cyates1@utk.edu</a>)</td>
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<td>Public Health*</td>
<td>MPH</td>
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<td>Community health education, gerontology, health planning/administration. Admit Summer and Fall only. Fall deadline - Apr 1, Summer deadline - Feb 1. Dual MS-MPH program available. (974-6674, <a href="mailto:czhamilton@utk.edu">czhamilton@utk.edu</a>)</td>
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<td>Recreation, Tourism, &amp; Hospitality Management</td>
<td>MS</td>
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<td>Hospitality management, recreation administration, therapeutic recreation, tourism. Evaluate Feb 1, Jun 1, Nov 1. Certificate program in services management also available. (974-2141, <a href="mailto:nbfair@utk.edu">nbfair@utk.edu</a>)</td>
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<td>Safety</td>
<td>MS</td>
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<td>Emergency management, safety management. (974-5041, <a href="mailto:smsmith@utk.edu">smsmith@utk.edu</a>)</td>
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<td>Textiles, Retailing &amp; Consumer Sciences*</td>
<td>MS</td>
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<td>Retail and consumer sciences, textile science. Evaluate Feb 1, Jun 1, Nov 1. (974-2141, <a href="mailto:nbfair@utk.edu">nbfair@utk.edu</a>)</td>
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<td>College of Law</td>
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<td>Law*</td>
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<td>Advocacy &amp; dispute resolution, business transactions. Contact College of Law for Bulletin. Dual JD-MBA and JD-MPA programs available. (974-4131)</td>
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<td>College of Nursing</td>
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<td>Nursing*</td>
<td>MSN</td>
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<td>MSN-adult health nursing, family nurse practitioner, mental health nursing, nurse anesthesia, nursing administration, nursing of women and children. Evaluate Oct 1 and Feb 1. For nurse anesthesia-Oct 1. Post-master's certificate in adult health nursing, family nurse practitioner, mental health nursing, nurse anesthesia, nursing administration, nursing of women and children also available. (MSN-974-7506, <a href="mailto:swebb1@utk.edu">swebb1@utk.edu</a>) (PHD-974-7581, <a href="mailto:sthomas@utk.edu">sthomas@utk.edu</a>)</td>
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<td>College of Social Work</td>
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<td>Social Work*</td>
<td>MSSW</td>
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<td>MSSW-clinical social work practice, social welfare management &amp; community practice. Programs offered in Knoxville, Memphis and Nashville. Evaluate Mar 1. Post-master's certificate in management and community practice also available. (MSSW-974-6697, <a href="mailto:snash@utk.edu">snash@utk.edu</a>) (PHD-974-6481, <a href="mailto:ckillion@utk.edu">ckillion@utk.edu</a>)</td>
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<td>College of Veterinary Medicine</td>
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<td>Veterinary Medicine*</td>
<td>DVM</td>
<td>VCAT</td>
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<td>Contact College of Veterinary Medicine for application. (974-7263, <a href="mailto:jbrace@utk.edu">jbrace@utk.edu</a>)</td>
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<td>School of Information Sciences</td>
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<td>Information Sciences*</td>
<td>MS</td>
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<td>Distance education available. Evaluate July 1 and Dec 1. See College of Communications for PHD. (974-2148, <a href="mailto:katwood@utk.edu">katwood@utk.edu</a>)</td>
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<td>Intercollegiate</td>
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<td>Aviation Systems*</td>
<td>MS</td>
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<td>Only offered at UT Space Institute, Tullahoma, Tennessee.</td>
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<td>Comparative &amp; Experimental Medicine*</td>
<td>MS</td>
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<td>Basic science, applied science. Evaluate Apr 15 - Summer, Jul 1 - Fall, Nov 15 - Spring. Will accept early applications.(974-5572, <a href="mailto:rmoore1@utk.edu">rmoore1@utk.edu</a>)</td>
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* Contact academic program for specific requirements.
| Contact academic program for specific requirements.
| Foreign or computer language.
| International applicants only.
| May be waived for non-native English speaking applicants. Contact program area.
| Non-degree students must obtain permission from the department/program head to register for courses in these fields.
| Available for the Academic Common Market to residents of reciprocal states. See Fields of Instruction.
| GRE General Test.
| GRE Subject Test.
Admission Requirements

Admission to graduate study requires a Bachelor’s degree with a satisfactory grade-point average from a college or university accredited by the appropriate regional accrediting agency or foreign equivalent. The Graduate Council requires a minimum grade-point average of 2.7 out of a possible 4.0, or a 3.0 during the senior year of undergraduate study. Applicants with previous graduate work must have a grade-point average of 3.0 on a 4-point scale or equivalent on all graduate work. Many programs require a higher average. Applicants with work experience or who are entering graduate study after a number of years away from an educational institution, usually 5 years, will be given consideration with greater flexibility relative to GPA. An international student graduating from a U.S. institution must meet the same requirements as those for domestic students.

An applicant whose GPA falls between 2.5 and 2.7 may be admitted on probation, upon recommendation of an academic unit. The probationary status will be removed after completion of nine or more hours of graduate credit with a minimum GPA of 3.0. Failure to maintain a 3.0 while in this status will result in dismissal. An international student may not be admitted on probation. The stated criteria are minimums. The actual averages required for admission may be higher, depending on the number and the qualifications of applicants.

When a student is admitted to graduate study prior to having received the baccalaureate degree, that degree must be awarded before the date of first registration in graduate courses.

The Office of Graduate Admissions must be notified of any change in the entering date after admission has been granted. Individual departments and colleges may have further restrictions on admission dates. For this information, students should contact the department they wish to enter. If a student does not enroll within one year after the requested admission, the application process must be repeated.

Enrollment in graduate programs is a privilege which may be withdrawn by the University, or any area of graduate study, if it is deemed necessary by the Dean of Graduate Studies to safeguard the University’s standards.

Application Procedures

Anyone with a Bachelor’s degree from a regionally accredited institution or foreign equivalent who wishes to take courses for graduate credit, whether or not the person desires to become a candidate for a degree, must make formal application for admission to graduate study or apply for transient status. No action is taken until all required materials are submitted. The applicant will be notified by mail of the action taken.

To apply for admission, the following materials must be sent to Graduate Admissions:

1. The completed Graduate Application for Admission (inside front cover of the Graduate Catalog or at http://web.utk.edu/~gsinfo).
2. A $35 non-refundable application fee.
3. One official transcript from all colleges and universities attended.
4. Scores from Test of English as a Foreign Language (TOEFL) if native language is not English (refer to section on English Certification).

Additional departmental/program requirements (refer to Majors and Degree Programs chart in front of Graduate Catalog) may include:

a. Departmental application. Contact the department for forms.
b. Reference letters or rating forms. All program forms should be sent to the college or department.
c. Scores from the Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT).
d. Application forms for the GRE, GMAT and TOEFL can be obtained by contacting: Educational Testing Service Princeton, NJ 08450 http://www.ets.org

Examination results reach the University in approximately six weeks. All documents submitted become the property of the University and will not be returned.

For international graduate student application procedures, see also Admission of International Students.

Admission Classifications

DEGREE ADMISSION

Admission to a degree program requires that a person meet the minimum admission requirements and any additional program requirements (see Admission Requirements). Refer to the appropriate field of instruction for specific requirements for admission to the degree program.

In addition to meeting the minimum requirements, applicants at the doctoral level must have demonstrated a potential for superior academic performance. To be considered are such criteria as performance in prior undergraduate and/or graduate studies, achievement on graduate admission tests, letters of recommendation from professors familiar with the applicant’s capabilities, and other evidence of scholarly achievement.

A student must maintain a 3.0 grade-point average to continue enrollment in non-degree status (see Academic Standards).

To apply for admission, the following materials must be sent to Graduate Admissions:

1. The completed Graduate Application for Admission (inside front cover of the Graduate Catalog or at http://web.utk.edu/~gsinfo).
2. A $35 non-refundable application fee.
3. One official transcript from all colleges and universities attended.

1. need additional time to fulfill application requirements for a degree program.
2. do not wish to pursue a degree program.

Admission to the non-degree status requires that a person meet the minimum requirements (see Admission Requirements). A major area must be declared if the intent is to seek an advanced degree. If no degree is desired, a major area need not be declared, but some departments do not permit non-degree students to register for graduate courses (see Majors and Degree Programs chart for information on restricted programs).

There is no specific limit on the number of courses that a student may take in non-degree status. However, before accumulating 15 hours of graduate coursework in this status, the student must either:

1. apply and be admitted to a specific degree program (see Revision of Admission Classification for procedures); or
2. submit a Plan of Study form to the Office of Graduate Student Services for approval to continue taking courses in non-degree status. The plan of study must include a stated educational objective and a list of courses proposed to achieve that objective.

A maximum of 15 graduate hours taken before acceptance into a degree program may be applied toward a graduate degree, if approved by the student’s committee. Courses applied toward any graduate degree must fall within the time limit specified for the degree.

Every graduate student must meet with an academic advisor at least once each semester to discuss his/her program. For non-degree students with a declared major, the advisor must be from the appropriate academic unit. If no advisor has been assigned, the department head or designee is the advisor. A student must maintain a 3.0 grade-point average to continue enrollment in non-degree status (see Academic Standards).

Admission to non-degree status does not constitute admission to a degree program. The student who seeks to enter a graduate program will be directed to the appropriate department.

An international student on a non-immigrant visa may not enroll in the non-degree status.

GRADUATE CERTIFICATE OF CREDIT ADMISSION

Admission to a graduate certificate of credit program requires that a person meet the minimum admission requirements and any additional program requirements (see Admission Requirements). Refer to the appropriate field of instruction for specific requirements for admission to the certificate program.

Admission to a graduate certificate of credit program does not constitute admission to a degree program. To receive a graduate certificate of credit, students must be admitted to a certificate program or a degree program.
TRANSIENT ADMISSION

A student who is enrolled in good standing in a graduate degree program at another institution and who wishes to take courses for transfer to that institution may be admitted after submitting a completed Graduate Application for Admission, the $35 application fee, and a Transient Student Certification form 10 days prior to registration. Only one semester, or a maximum of 12 hours, of coursework can be taken in transient status. Necessary forms may be obtained from the Office of Graduate Admissions.

POST-DOCTORAL ADMISSION

Persons who hold an earned doctoral degree and desire to take graduate courses may be admitted in the post-doctoral status. A completed Graduate Application for Admission, the application fee, and confirmation of the doctorate are required for admission. Admission in the post-doctoral status does not constitute admission to a degree program. The student who seeks to enter a degree program must meet all admission requirements and be recommended by the program.

Admission of International Students

For admission to a graduate program, an international student must have an equivalent 4-year Bachelor’s degree with at least a B average on all previous coursework and a B+ on all previous graduate work. On various grading scales, this corresponds to:

- a. 14 on a 20-point scale.
- b. 80.0 from Taiwanese institutions.
- c. 1st Class or Division from Indian institutions.
- d. Upper 2nd Class Honors on various British systems.

If graduating from a U.S. institution, the minimum is the same as that for domestic students (see Admission Requirements). Other grading systems are evaluated, upon receipt of transcripts, in accordance with standard recommendations. Many departments require a higher average than the minimum.

International students may apply for admission any semester, but normally enter the fall semester. The deadlines for submission of applications to the Office of Graduate Admissions are:

- Fall: 1 March
- Spring: 15 July
- Summer: 15 November

The Office of Graduate Admissions must be notified of any change in entering date after admission has been granted.

The following items must be received before admission will be considered:
1. A completed Graduate Application for Admission.
2. A $35 non-refundable processing fee. Payment should be made in United States dollars by a cashier’s check, money order, or personal check payable to the University of Tennessee. If payment is by personal check, it must be drawn on a United States bank to be honored in United States currency. Checks drawn on overseas banks are not accepted. International money orders are not suggested.
3. Official or attested university records, with certified translations if the records are not in English (Notarized copies are not accepted).
4. Confirmation of degree(s). Confirmation must be received by the Office of Graduate Admissions at least 2 months prior to term of first enrollment.
5. Certification of English proficiency. Refer to section on English Certification.
6. Documented evidence of financial resources sufficient to support the student, as stated on the financial statement form supplied to the applicant. This form is sent to the applicant after receipt of application.
7. Additional departmental/program requirements (refer to Majors and Degree Programs chart in front of Graduate Catalog).
   a. Departmental application. Contact the program for forms.
   b. Reference letters or rating forms. All forms should be sent to the college or department.
   c. Scores from the Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT).
   d. Admission must be granted, and financial documentation and degree confirmation must be received, prior to issuance of an I-20 or IAP-66 form needed to obtain a visa. The Office of Graduate Admissions will not issue these forms after the following dates:

   - Fall: 15 June
   - Spring: 1 November
   - Summer: 15 March

The University will not enroll any student who has not been approved initially, or for transfer, by the Immigration and Naturalization Services (INS) to attend UT.

An international student may not enroll as a non-degree student nor on probation.

English Certification

Any person whose native language is not English must submit results of the Test of English as a Foreign Language (TOEFL). A minimum score of 213 on the computer-based test or 550 on the paper test is required for admission consideration. Some programs require higher scores. The score must be no more than two years old from the requested date of entry. Applicants who have received a degree from an accredited U.S. institution within the past two years are exempt from the TOEFL requirement.

All students whose native language is not English must take an English proficiency examination after arrival at UT. Refer to section on English Proficiency.

Revision of Admission Classification

A student who wishes to change a major program of study must complete a Request for Change of Graduate Program form, which can be obtained online or from the Office of Graduate Admissions. The form requires the signature of the head of the department in which admission was previously granted. No signature is needed if a student requests to change from non-degree status to a degree program, or from one degree to another within the same department.

The student must be in good standing for a revision to be processed. Acceptance into a new degree program is contingent upon review and recommendation by that department. If the student is not accepted into the program requested, he/she remains in the former program. The results of each request for program change are communicated to the student by mail.

Admission of Faculty and Staff Members

If admitted to graduate study, members of the faculty or staff located in Knoxville may take courses as graduate students.

Faculty members of UT or the Institute of Agriculture at the rank of assistant professor or above, and members of the administrative staff at UT, the UT Central Administration, and the Institute of Agriculture will not normally be admitted to an Ed.D. or Ph.D. degree program at UT. Exceptions may be granted on an individual basis upon petition to the Dean of Graduate Studies. Petitioners must present their request in writing, providing adequate assurance that the residence requirement will be met and that there will be no conflict of academic or administrative interest. Written endorsements must be provided by the respective deans and department heads of the units in which members are employed and in which the doctoral degrees are to be pursued.

Readmission

A student who has not registered for graduate courses at UT for three consecutive terms (including summer) must apply for readmission. A readmission application should be submitted to the Office of Graduate Admissions at least two weeks prior to the desired reentry date. A student who has attended another institution since enrollment at UT must submit one official transcript showing all coursework and any degrees earned at that institution. The student will be notified when action has been taken by the department/program and the Office of Graduate Admissions. A student who is permitted to enroll and is subsequently denied readmission will receive credit for courses completed successfully. Future registration will not be allowed until readmission is granted.
Registration and Enrollment Requirements

Graduate Credit

To earn graduate credit, a student must be admitted by the Dean of Graduate Studies and enrolled in an appropriate status as a graduate student. The registration must reflect the desire for graduate credit, and the course must have been approved by the Graduate Council. Coursework taken in any other status is unacceptable for graduate credit and cannot be changed retroactively to graduate credit. Special privileges are accorded UT seniors and professional students, as stated in the section on Undergraduates and Professional Students. Courses numbered at the 500 level, as well as those 400-level courses approved for graduate credit, must be taught by faculty members who (1) meet the criteria of an assistant professor or above as defined in the Faculty Handbook and (2) have been designated by the department head as being appropriate. Graduate teaching associates are ineligible to teach courses approved for graduate credit.

Consistent with the accreditation requirements of the Southern Association of Colleges and Schools (SACS) that graduate curricula must be substantially different from undergraduate curricula, classes at the 400-level in which both graduate and undergraduate students are enrolled must be structured so as to reflect this distinction. That is, course requirements for graduate credit will be more rigorous and will exceed expectations for undergraduates. Graduate and undergraduate completion of the same course will not be considered equivalent. Petitions for retroactive changing of undergraduate to graduate credit will not be accepted.

Courses at the 600 level are taught by faculty who have been approved by the college or by departments, where the college has given them that responsibility. All departments/offices have a statement of criteria used in eligibility to teach at the 600 level.

Undergraduate and Professional Students

UT SENIORS

Subject to approval by the Dean of Graduate Studies, a senior at UT who needs fewer than 30 semester hours to complete requirements for a Bachelor's degree and has at least a B average (3.0) may enroll in graduate courses for graduate credit, provided the combined total of undergraduate and graduate coursework does not exceed 15 credit hours per semester. Students who have met all requirements for graduation are not eligible for senior privilege. Approval must be obtained each semester at the Office of Graduate Student Services. A maximum of 9 hours of graduate credit at the 400 and 500 level can be obtained in this status. Some departments do not permit seniors to register for graduate courses without prior permission (see Majors and Degree Programs chart for information on restricted programs). Courses taken for graduate credit may not be used toward both the baccalaureate and a graduate degree.

UT VETERINARY MEDICINE STUDENTS

A student in good standing in the College of Veterinary Medicine may enroll in UT graduate courses under the following conditions:

1. The student's advisor must approve in advance the student's enrollment in each course.
2. The student may take a maximum of 10 semester hours of graduate courses during the D.V.M. program.
3. Approval must be obtained each semester by registration with the Office of Graduate Student Services. The student's progress is subject to review and approval each semester by the Associate Dean, College of Veterinary Medicine.

Courses taken for graduate credit may not be used toward both the D.V.M. degree and a graduate degree.

UT LAW STUDENTS

Subject to approval by the Dean of Graduate Studies and the College of Law, a law student at UT may enroll in graduate courses for graduate credit. Approval must be obtained each semester at the Office of Graduate Student Services.

Courses taken for graduate credit may not be used toward both the J.D. degree and a graduate degree. Use of such courses toward the J.D. degree are subject to guidelines approved by the law faculty.

Law Courses

A graduate student may take up to 6 semester hours of law courses and apply them toward a graduate degree, upon approval of the College of Law and the student's major professor. The graduate student must register for law courses during the registration period at the College of Law and request an S/NC grade. If the student earns a 2.0 or better, an S will be recorded on the transcript. Below 2.0, an NC will be recorded, and the course cannot be used toward meeting degree requirements.

Grades for law courses will not be reflected in the cumulative grade-point average, as law courses do not carry graduate credit. Different rules apply to students enrolled in the Dual J.D.-MBA and J.D.-MPA programs. Grades must be earned according to the grading system of the respective colleges, e.g., numerical grades for law courses, letter grades for graduate courses. Refer to sections on Business Administration, Political Science, and Law under Fields of Instruction for grades acceptable to meet degree requirements.

A student enrolled in the Ph.D. in Business Administration program may use 8 semester hours or more of law courses for the supporting area via the arrangement described under Business Administration.

Graduate Certificate of Credit Programs

A graduate certificate of credit program is a series of academically coherent graduate credit courses offered by the university as a planned program that does not lead to a degree. A candidate for a graduate certificate of credit program must be a fully admitted graduate student who has satisfactorily completed (minimum 3.0 grade-point average) the minimum requirements for a certificate described in the Graduate Catalog under Fields of Instruction. A candidate must be a graduate student in good standing and comply with all other applicable policies. Graduate certificate programs require a minimum of 12 semester credit hours taken at UT. Use of credits to fulfill requirements for a graduate degree will be at the discretion of the academic department.

To receive the certificate, students must submit an application endorsed by the academic department to the Office of the University Registrar. Only those certificate programs that are officially approved by the Graduate Council will be posted on student transcripts. Graduate students in non-degree classification are not eligible to receive a graduate certificate.

Senior or Disabled Citizens

Legislation gives Tennessee citizens who are 60 years of age or older, 30-year state retirees, or those who are totally disabled, the opportunity to attend credit and non-credit courses at the University at no charge on an audit, space available basis. Legal verification of any of these conditions is required for enrollment. Students who are 65 or over, or who are totally disabled, and who desire to receive UT credit for their courses, may pay a reduced rate. Registration for day and evening classes is handled by the Evening School, 451 Communications Building, (865) 974-5361 or 1-800-676-8657.

Auditors and Audited Courses

Persons who wish to attend certain classes regularly, without taking examinations or receiving grades or credit, may do so by completing a graduate application as a non-degree student, paying the application fee, registering as an auditor, and paying regular fees. Graduate students paying regular fees also are entitled to audit courses.

The names of all auditors properly registered will appear on the intermediate class rolls, but will be removed from the final grade report. No record of audited coursework will appear on the permanent record.
Persons may not attend class without being properly admitted to the University and registered in the class.

Courses in Non-Standard Format

The University offers a wide variety of short courses, workshops and other courses in non-standard format for graduate credit. Minimum criteria acceptable for such credit are as follows:

1. The number of contact hours should never be fewer than the equivalent of one hour per week during the term for each hour of credit awarded, i.e., 15 hours per semester hour.

2. For every contact hour, there should be at least two hours of student preparation.

3. For each hour of graduate credit under the semester system, there should be a minimum elapsed time of one week.

The workload in a short course of several weeks’ duration need not be distributed evenly. However, substantive and meaningful interaction between the faculty member and student should be maintained throughout.

Graduate credit should not be awarded for courses considered inappropriate as part of a graduate degree program.

The Curriculum Committee of the Graduate Council monitors the policy. Each new course or change in a current course must be approved in both content and format.

Correspondence Study

No graduate credit is accepted at UT for work done by correspondence study at any university.

Proficiency Examinations

A proficiency examination may be given in academic courses offered for graduate credit. Applications for proficiency examinations are available in the Office of the Registrar, 209 Student Services Building. To be eligible, a student must be admitted to graduate study. The request for examination must be approved by the head of the department offering the course. A student applying for this privilege must present evidence to the department head that he/she has the knowledge and abilities expected of graduate students who have taken the same course. Upon passing the examination with a minimum grade of B, the student will receive graduate credit. A maximum of one-fourth of the total credit hours in a master’s degree program may be earned by this method, subject to approval by the student’s graduate committee. A fee of $7 per credit hour must be paid before each examination. Proficiency examinations may not be used to raise the grade or change the credit in a course previously completed, nor may such an examination be repeated. Proficiency examinations taken at other institutions are not transferrable.

English Proficiency

Applicants whose native language is not English must pass an English proficiency examination given by the University prior to initial registration. Students whose performance on the examination indicates a need for additional English study must enroll immediately for English 121 English Grammar Review for Non-Native Speakers (or another course assigned by the English Department) for graduate credit and pass with a grade of C or better. A student may not take more than 9 additional hours of course work while enrolled in English 121. Students whose scores indicate that they are not prepared to enter English 121 will be referred to a program of intensive English study prior to enrolling in an academic program.

Applicants whose native language is not English must pass an oral test in English (the SPEAK Test) before they can be assigned to classroom duties in connection with their assistantships. The SPEAK Test is administered on campus as part of the programs offered by Graduate Student Services. Scores from the Test of Spoken English (TSE) may be accepted in place of the SPEAK Test.

Prerequisites

Graduate work in any program must be preceded by sufficient undergraduate work in the major and related areas to satisfy the department that the student can do graduate work successfully in the chosen field. Individual undergraduate records are examined and evaluated by the appropriate department before admission to a degree program is granted. Questions about program prerequisites should be addressed to the advisor.

Advisor/Major Professor

Every graduate student must have an advisor from the major department. This professor advises the student about courses, supervises the student’s research, and facilitates communication within the major department, to other departments and with the Dean of Graduate Studies. The advisor must approve the student’s program each semester. Many departments assign a temporary advisor to direct the entering student’s work during the period in which the student is becoming acquainted with the institution and determining the focus of research interests, and in which the department is forming a judgment concerning the student’s promise as a scholar. As early as appropriate, the student requests an advisor from the major department to serve as the advisor. This major professor and the student together select a graduate committee. The student is expected to maintain close consultation with the major professor and other members of the graduate committee with regard to progress in the program. Other responsibilities of the advisor/major professor are explained under individual programs.

Departmental Liaison

To assist graduate students in other majors, one faculty member in each academic department has been designated as a liaison. The liaison is identified in the list of faculty under each department. The liaison acts as a departmental contact to assist non-departmental students with course selection and other academic matters.

Registration

Registration is required of all graduate students when using University facilities and/or faculty time. The minimum number of hours for registration is one. Registration allows use of services such as library checkout, laboratories, and recreation facilities not open to the public.

Information concerning registration is available in the Timetable of Classes or at Circle Park Online each term. Registration is accomplished via telephone or web. During priority registration, a schedule and bill is mailed to the registrant. Payment is due by the deadline noted on the bill. A graduated late fee is assessed to any student who fails to register prior to this deadline. Retroactive registration is not allowed.

Non-degree students in unrestricted programs (see Majors and Degree Programs Chart) may obtain permission to register from the Office of Graduate Student Services. Non-degree students with no declared major must obtain permission from the department/program head to register for courses in restricted fields.

Conditional Registration

Applicants who appear to meet the admission requirements for graduate study may be allowed to register for an initial term after submitting the Graduate Application for Admission form and application fee. Time is allowed to obtain transcripts and additional requirements for admission. Students who fail to gain admission within seven weeks after registration will NOT be permitted to register again until all admission requirements are met.

International students may not register conditionally.

Registration for Use of Facilities

Students using University facilities, services or faculty time, including summer
term, must be registered. Normally, students are registered for coursework or thesis/dissertation credit. Students who are not taking coursework and are not yet eligible to register for thesis or dissertation hours, must register for course 502 (Use of Facilities) if they wish to have borrowing privileges in the University Library or to use computer labs, other labs, or other university resources.

Course Description

Each course listed in the Graduate Catalog contains information in abbreviated form. The course number indicates the level at which the course is taught. All 500- and 600-level courses are graduate courses. The 400-level courses are upper division courses available for graduate credit only if listed in the Graduate Catalog. To receive graduate credit for these, a student must so request at registration.

With permission of the instructor, an undergraduate student with at least a B average (3.0) may take a 500-level course for undergraduate credit. Exclusions include course 500, 502, and independent or directed study courses for which there are appropriate undergraduate course alternatives.

The official course title appears following the course number. Numbers in parentheses following the course title indicate the semester hours credit. If the credit is variable, to be determined in consultation with the instructor, the minimum and maximum are shown (e.g., 2-3). The credit hours are followed by a course description indicating the content to be covered.

Prerequisite courses must be taken prior to the course in question. Corequisite courses may be taken prior to or concurrently with the specific course. Both prerequisites and corequisites are checked during registration. Recommended prerequisites should be taken previously but are not mandatory. Required background is the knowledge base needed before taking the course. Some courses may be repeated for a maximum number of hours allowable toward a degree program. This number is stated for each repeatable course with the exception of Thesis 500, Dissertation 600, and Registration for Use of Facilities 502. Courses may be cross-listed with two or more departments, an arrangement indicated by a parenthetical statement: (Same as Psychology 543). The course description is given only under the primary department. “S/NC only” indicates that the course may be taken only for Satisfactory/No Credit grading. Refer to section on Grades.

A symbol indicating the semester or frequency that the course is normally offered is included at the end of many course descriptions:

- F-Fall
- E-Every semester
- Sp-Spring
- A-Alternate years
- Su-Summer

These codes are indicated only for Knoxville campus classes and are subject to change without notice. The Timetable of Classes, published prior to registration for each semester, is the official notification of courses offered for a given semester.

Students should contact the appropriate department/program head concerning courses to be offered in future semesters.

Change of Registration

The permanent record will show all courses for which the student has registered except those audited and those from which the student has withdrawn during the first 10 calendar days after the beginning of classes.

Students who fail to attend the first class meeting without prior arrangement with the department may be dropped from the course to make space available to other students. Students have the responsibility to assure that they have been dropped. Otherwise they may receive a grade of F in the course.

TYPE OF CHANGE |
| DEADLINE |
| Add course | Between 11-42 days with instructor's and advisor's signature |
| Change credit/grading | Between 11-42 days with advisor's signature |
| Drop course without W | 10 days |
| Drop course with W | 84 days |

See Timetable of Classes each term for exact date.

A student may change registration by accessing the telephone registration system or at Circle Park Online. If additional permission is necessary, a student must execute a change of registration at the Office of the University Registrar, with approval of the instructor, advisor and Office of Graduate Student Services. Total withdrawal from registration for a semester must be processed through the Office of the University Registrar.

Course Loads

The maximum load for a graduate student is 15 hours, and 9 to 12 hours are considered a full load. For the summer term, graduate students may register for a maximum of 12 semester hours in an entire summer term or for a maximum of 6 semester hours in a 5-week summer session. Students may enroll in only one course during a mini-term session.

Students holding a one-half time assistantship normally should enroll for 6-11 semester hours. A one-fourth time graduate assistant normally should take 9-13 semester hours. A student on a one-half time assistantship who takes six semester hours will be considered full time. Refer to the Policy for the Administration of Graduate Assistantships for additional information.

Students receiving financial aid should consult with the department/program head concerning appropriate course loads.

Courses audited do not count toward minimum graduate hours required for financial assistance.

Registration for more than 15 hours during any semester, or for more than 12 hours in the summer term, is not permissible without prior approval. The academic advisor may allow registration of up to 18 hours during a semester if the student has achieved a cumulative grade-point average of 3.6 or better in at least nine hours of graduate work with no outstanding incompletes. No more than 12 hours are permissible in the summer term without prior approval.

Grade-Point Average and Grades

A cumulative grade-point average of 3.0 is required on all graduate coursework taken at UT to remain in good standing and to receive any graduate degree or certificate from the University. All coursework taken for graduate credit is computed into the GPA.

Grades in graduate study have the following meanings:

- A (4 quality points per semester hour), superior performance.
- B+ (3.5 quality points per semester hour), better than satisfactory performance.
- B (3 quality points per semester hour), satisfactory performance.
- C+ (2.5 quality points per semester hour), less than satisfactory performance.
- C (2 quality points per semester hour), performance well below the standard expected of graduate students.
- D (1 quality point per semester hour), clearly unsatisfactory performance and cannot be used to satisfy degree requirements.
- F (no quality points), extremely unsatisfactory performance and cannot be used to satisfy degree requirements.

I (no quality points), a temporary grade indicating that the student has performed satisfactorily in the course but, due to unforeseen circumstances, has been unable to finish all requirements. An I is NOT given to enable a student to do additional work to raise a deficient grade. The instructor, in consultation with the student, decides the terms for the removal of the I, including the time limit for removal. If the I is not removed within one calendar year, the grade will be changed to an F. The course will not be counted in the cumulative grade-point average until a final grade is assigned. No student may graduate with an I on the record.

S/NC (carries credit in the course but no quality points), S is equivalent to a grade of B or better, and NC means no credit earned. Courses in which NC is received may be repeated for a grade of S. A grade of S/NC is allowed only when indicated in the course description in the Graduate Catalog. The number of S/NC courses in a student's program is limited to one-fourth of the total credit hours.
required.

P/NP (carries credit hours, but no quality points), P indicates progress toward completion of a thesis or dissertation. NP indicates no progress or inadequate progress.

W (carries no credit hours or quality points), indicates that the student officially withdrew from the course.

The grading system available for a course is based on the level of the course. Courses numbered 100-499 are graded letter grade or S/NC, except where noted otherwise in the catalog. Courses numbered 500-699 are graded letter grade only, except where the graduate catalog indicates S/NC only or optional S/NC or letter grade. Veterinary Medicine courses are letter grade only except where noted otherwise. There are restrictions regarding the use of S/NC graded courses, including the number of hours that may be used toward any degree program.

No graduate student may repeat a course for the purpose of raising a grade already received, with the exception of NC. A graduate student may not do additional work nor repeat an examination to raise a final grade. A change of grade may occur only in cases of arithmetic or clerical error. An instructor may not initiate a change of grade as a result of a reevaluation of the quality of the student’s performance nor as a result of additional work performed by the student. Refer to Law Courses under Registration and Enrollment Requirements and Law under Fields of Instruction for Law grading system.

Academic Honesty

Academic integrity is a responsibility of all members of the academic community. An honor statement is included on the application for admission and readmission. The applicant’s signature acknowledges that adherence is confirmed. The honor statement declares that:

An essential feature of The University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.

PLAGIARISM

Students shall not plagiarize. Plagiarism is using the intellectual property or product of someone else without giving proper credit. The undocumented use of someone else’s words or ideas in any medium of communication (unless such information is recognized as common knowledge) is a serious offense, subject to disciplinary action that may include failure in a course and/or dismissal from the University. Some examples of plagiarism are:

• Submitting work, either in whole or in part, created by a professional service and used without attribution (e.g., paper, speech, bibliography, or photograph).

• Extreme caution should be exercised by students involved in collaborative research to avoid questions of plagiarism. In doubt, students should check with the major professor and the Dean of Graduate Studies about the project. Plagiarism will be investigated when suspected and prosecuted if established.

Appeals Procedure

The Graduate Council Appeal Procedure can be obtained at the Office of Graduate Student Services. Normally, grievances should be handled at the departmental level through the student’s academic advisor or the department or program head. Further appeal may be made to the dean of the respective college, the Dean of Graduate Studies, the Graduate Council, and ultimately to the Provost.

The Graduate Council hears appeals concerning the interpretation of and adherence to university, college and department policies and procedures as they apply to graduate education. The Council does not review grievances concerning grades, which are reviewed at the department or college level. Grades are appealed first to the faculty member and then, if necessary, to the department head and dean of the college.

Appeal procedures in regard to allegations of misconduct or academic dishonesty are presented in Hilltopics under “Student Rights and Responsibilities.” Students with grievances related to race, sex, gender, religion, national origin, age, disability, or veteran status should file a formal complaint with the Office of Diversity Resources and Educational Services (DRES).

Degree Program Requirements

A complete list of programs is found under the Majors and Degree Programs chart. For specific degree requirements, consult individual program descriptions listed by college and field of instruction in this Catalog. See also the Summary of Procedures chart, and refer to the Graduate Studies Web Page each semester for specific deadlines. Department policies and procedures, which are specific to degree programs and exclude those in the Graduate Catalog, are provided in the Graduate Student Handbook available in each academic department.

The following are the Graduate Council’s minimum requirements for degree programs.
Refer to the Fields of Instruction for additional program requirements.

**Definition of Graduate Terms**

**Major:** The principal educational interest of a student as represented by one of the curricula prescribed by the various units at UT. The major specifies the minimum requirements for a degree.

**Minor:** An area of interest secondary to the major that is represented by a specified set of hours and/or courses. Differing from "concentration," a minor is not a subdivision of the major.

**Concentration:** A collection of courses within a major that focuses on a particular subject area. The term “concentration” describes the nature of the set of courses.

**Option:** The means of designating thesis/non-thesis requirements.

**Cognate:** A limited block of courses or hours required outside the unit in which the major is offered.

**Specialization:** A sub-collection of courses within a concentration that focuses on specific subject matter. The term “specialization” describes the nature of the set of courses.

**Track:** A separate route leading to the same degree but with different requirements.

**Tool:** A limited block of courses or hours required to enhance research or methodological expertise.

**Minors**

For the master’s degree at UT, a minor is defined as 6-12 semester hours in one field outside the major. Usually the minor courses are within a single teaching discipline that also offers a major.

Three interdisciplinary minors are available in Statistics (Business Administration) and in Gerontology (Human Ecology) at both the master’s and doctoral levels, and in Environmental Policy (Economics) at the master’s level only. See Fields of Instruction for specific requirements and approval provisions.

The minor area must be approved by the major and minor academic units, and a member from the minor unit must serve on the graduate committee.

**Transfer Credits**

Courses taken at another institution may be considered for transfer into a master’s or Ed.S. program as determined by the committee and approved by the Dean of Graduate Studies. At the doctoral level, courses are not officially transferred unless they may be used to meet degree requirements. Where a requirement has been met through coursework in another program, the student may petition the academic unit for a waiver of the requirement at the doctoral level. Official transcripts must be sent directly to the University Registrar from all institutions previously attended before any credit will be considered.

To be transferred into a master’s or Ed.S. program at UT, a course must:

1. be taken for graduate credit.
2. carry a grade of B or better.
3. be a part of a graduate program in which the student had a B average.
4. not have been used for a previous degree.
5. be approved by the student’s graduate committee and the Dean of Graduate Studies on the Admission to Candidacy form.

Courses transferred to any graduate program will not affect the minimum residence requirements for the program, nor will they be counted in determining the student’s grade-point average. Credit transferred from universities outside the University of Tennessee system cannot be used to meet the thesis or dissertation requirements or 600-level coursework requirements. Credit for extension courses taken from other institutions is not transferable, nor is credit for any course taken at an unaccredited institution.

**MASTER’S DEGREE**

A minimum of one-half of the total hours required for a master’s degree must be taken at UT. Transferred courses must have been completed within the six-year period prior to receipt of the degree. The courses must be listed on the Admission to Candidacy form and will be placed on the student’s UT transcript only after admission to candidacy.

**ED.S. DEGREE**

A maximum of six semester (nine quarter) hours of coursework beyond the master’s degree may be transferred to an Ed.S. program. Transferred courses in the most recent 30 hours taken for the degree must have been completed within the six-year period prior to the receipt of the degree. The courses must be listed on the Admission to Candidacy form and will be placed on the student’s UT transcript only after admission to candidacy.

**DOCTORAL DEGREE**

Coursework taken prior to admission to a doctoral program may be used toward the degree, as determined by the student’s doctoral committee. Although the courses are used as part of the requirements toward the degree and are listed on the admission to candidacy, they are not officially transfer courses and are not placed on the student’s UT transcript.

**Theses and Dissertations**

All theses and dissertations are submitted in paper or electronic format to the Thesis/Dissertation Consultant in the Office of Graduate Student Services for examination. (Refer to Dissemination of Final Copies regarding different submission processes.) The Consultant will review the material and assure that it is appropriately presented, free of technical errors in format, suitable for binding or for electronic submission, and reflects credit upon graduate education at the University of Tennessee. If the thesis or dissertation is not accepted, the student must make corrections and resubmit the material.

The student, major professor and committee share responsibility for the accuracy and professionalism of the final product of the student’s research. The student should confer with the Thesis/Dissertation Consultant regarding problems and questions in advance of preparing the final copy. The Guide to the Preparation of Theses and Dissertations (available on the Graduate Studies website) provides the correct format for theses or dissertations. Workshops are held periodically throughout the academic year. The date for each workshop is announced on the Graduate Studies website.

**FOREIGN LANGUAGE**

The thesis/dissertation normally should be written in English. Under exceptional circumstances, another language may be used if prior approval is obtained from the Dean of Graduate Studies. A request to write in a language other than English should be submitted to the Dean of Graduate Studies by the student’s thesis committee, with endorsement by the Department Head and Dean of the College, prior to Admission to Candidacy for the degree sought. The request should include a proposal and justification for the exception. In all cases, one thesis/dissertation abstract must be written in English.

**CLASSIFIED RESEARCH**

A basic principle in graduate education is that theses and dissertations produced by graduate students will be published and made available to other researchers in the field. When a graduate student is involved in classified or proprietary research, and such research is intended to lead toward a thesis or dissertation, prior approval should be secured from the Department Head and Dean, and from the Dean of Graduate Studies. Should the research become classified in the course of a project, these same persons should be notified immediately so that proper procedures can be assured. Failure to comply with these requirements may lead to rejection of a thesis or dissertation manuscript.

**DISSEMINATION OF FINAL COPIES**

Paper copies approved for final submission will be sent to the University Libraries bindery one month after conferral of the graduate degree. One of the bound copies will be placed on the shelf in Hodges Library for circulation, the second bound copy will be placed in Library Archives. The circulation copy will appear in the library catalog and on the shelf approximately one year after conferral of the graduate degree. Electronic copies approved for final submission will be catalogued and placed on the ETD website (http://etd.utk.edu) approximately four weeks after the conferral of the graduate degree. At this time, the electronic copies will be in the public domain via the library catalog and the ETD website.
Graduation

A student planning to graduate must submit an application for graduation the term he/she intends to graduate. The graduation application begins the final checking of degree requirements and is used to order the diploma. If the student does not graduate that term, a new graduation application must be submitted for the appropriate term. The form is submitted to the Office of the University Registrar. Deadlines and steps to graduation are available on the Graduate Studies website. Also refer to Summary of Procedures for Master’s, Ed.S. and Doctoral Degrees.

Commencement and doctoral hooding ceremonies are held in fall and spring terms. There is no ceremony in summer term.

Master’s Degrees

The master’s degree is evidence of successful completion of a body of coursework, advanced understanding, and the ability to apply knowledge within a major field. As part of a master’s degree, and in addition to a final comprehensive examination, a culminating (capstone) experience is expected. Examples of culminating experiences include an advanced seminar, exhibit, independent project, integrated case study or simulation, internship, practicum, recital or thesis. Through this experience, the student will demonstrate skills associated with the particular degree program, such as applied performance, critical analysis, organization and writing.

Master’s degree programs are available with thesis and non-thesis options. These programs require 30 or more graduate hours of coursework. In addition to the M.A. and M.S. degrees, other degrees are offered, including the MBA and the M.S.S.W.

COURSE REQUIREMENTS

A candidate for a master’s degree must complete a minimum of 30 hours of graduate credit in courses approved by the student’s master’s committee. In thesis programs, 6 semester hours of credit in the major (9-12 in some approved programs) must be earned in course 500 while the student is preparing the thesis. Hours applied to the master’s degree may be entirely from one major subject or may be distributed to include one or two minor areas. In a 30-hour program, the major subject must include at least 12 hours of graduate coursework, exclusive of course 500, and a minor must include not fewer than 6, nor more than 12, hours of graduate credit.

At least two-thirds of the minimum required hours in a master’s degree program must be taken in courses numbered at or above the 500 level. Only 6 thesis hours may be counted toward this requirement.

For coursework taken at other institutions, refer to section on Transfer Credits.

SECOND MASTER’S DEGREES

For a second master’s degree, the student must have fulfilled all major requirements applicable to the first master’s degree, including the thesis, if appropriate. Coursework applied to one master’s degree program may not be applied toward a second.

MASTER’S COMMITTEE

A committee composed of the major professor and at least two other faculty members, all at the rank of assistant professor or above, should be formed as early as possible in a student’s program, and must be formed by the time a student applies for admission to candidacy (refer to Advisor/Major Professor). The responsibility of this committee is to assist the student in planning a program of study and carrying out research, and to assure fulfillment of the degree requirements. If the student has a minor, one member of the committee must be from the minor department.

ADMISSION TO CANDIDACY

Admission to candidacy indicates agreement that the student has demonstrated ability to do acceptable graduate work and that satisfactory progress has been made toward a degree. This action usually connotes that all prerequisites to admission have been completed and a program of study has been approved.

The application for the master’s degree is made as soon as possible after the student has completed any prerequisite courses and nine hours of graduate coursework with a 3.0 average or higher in all graduate work. The Admission to Candidacy form must be signed by the student’s committee and list all courses to be used for the degree, including transfer coursework. The student must submit this form to the Office of the University Registrar no later than the last day of classes of the semester preceding the semester in which he/she plans to graduate.

THESIS REGISTRATION

A student must be registered for course 500 each semester during work on the thesis, including a minimum of 3 hours the semester in which the thesis is accepted by Graduate Student Services. Six hours of 500 are required for the thesis option. After receiving the master’s degree, a student is no longer permitted to register for Thesis 500.

THESIS

The thesis represents the culmination of an original research project completed by the student. It must be prepared according to the most recent Guide to the Preparation of Theses and Dissertations, available at http://web.utk.edu/~thesis. Paper or electronic submission will be approved by the student’s committee prior to final preparation of the thesis. Two paper copies or an electronic copy of the thesis must be accompanied by two approval sheets, signed by the members of the master’s committee. The approval sheets reflect the final format for submission. The approval sheets certify that the committee members have examined the final copy of the thesis and have found that its form and content are satisfactory.

FINAL EXAMINATION FOR THESIS AND PROBLEMS IN LIEU OF THESIS

A candidate presenting a thesis or problems in lieu of thesis must pass a final comprehensive oral (or oral and written) examination on all work offered for the degree. The examination, which is concerned with coursework and the thesis or problems, measures the candidate’s ability to integrate material in the major and related fields, including the work presented in the thesis or problems. The final draft of the thesis must be distributed to all committee members at least two weeks prior to the date of the final examination. Except with prior approval from the Dean of Graduate Studies, the examination must be given in University-approved facilities. This examination should be scheduled through the academic department at least two weeks prior to the examination. This examination must be held at least two weeks before the final date for acceptance and approval of thesis by the Office of Graduate Student Services on behalf of the Graduate Council. The major professor must submit the results of the defense by the thesis deadline. In case of failure, the candidate may not apply for reexamination until the following semester. The result of the second examination is final.

FINAL EXAMINATION FOR NON-THESIS STUDENTS

Each non-thesis student must pass a final comprehensive written examination. A department may require an additional oral examination. The examination is not merely a test over coursework, but a measure of the student’s ability to integrate material in the major and related fields. Except with prior approval from the Dean of Graduate Studies, the examination must be given in University-approved facilities. It should be scheduled through the academic department at least two weeks prior to the examination. Students taking the final examination but not otherwise using University facilities may pay a fee equal to one hour of graduate credit instead of registering. In case of failure, the candidate may not apply for reexamination until the following semester. The result of the second examination is final.

TIME LIMIT

Candidates have six calendar years to complete the degree, starting at the beginning of the semester of the first course counted toward the degree. Students who change degree programs during this six-year period may be granted an extension after review and approval by the Dean of Graduate Studies. In any event, courses used toward a master’s degree must have been taken within six calendar years of graduation.

Specialist in Education Degree

The Specialist in Education (Ed.S.) degree is offered with a major in Education. Admission to the Ed.S. program requires acceptance by the Office of Graduate
Admissions, and review and acceptance by the department or area in which the student is majoring. It is recommended that students who apply for the Ed.S. have at least one year of related work experience. Additional information on admission requirements can be obtained from academic units offering the degree.

**COURSE REQUIREMENTS**

The student’s program involves a minimum of four semesters of study totaling not fewer than 60 semester hours of graduate credit beyond the baccalaureate degree. A minimum of 6 hours is required outside the major academic unit or area.

A student admitted to the program with a master’s degree, or with acceptable work beyond the master’s degree, may have program requirements modified upon recommendation of the student’s committee. However, no modifications will be permitted in examination and research requirements, nor in the minimum 6 graduate hours required outside the major. All prior coursework accepted toward the degree must be related to the student’s program objectives. A maximum of 6 hours beyond the master’s degree may be transferred from another institution to an Ed.S. program (refer to section on Transfer Credits).

Courses numbered at the 400 level required for certification through UT may not be taken for graduate credit and used as coursework in the major. At least one-half of the last 30 semester hours of work, exclusive of thesis courses, must be in 500- or 600-level courses.

**ED.S COMMITTEE**

A committee of at least three faculty members is assigned to each student. A minimum of two members of this committee must represent the unit or major area. Its responsibilities include formulating the student’s program of coursework, supervising progress, recommending admission to candidacy, directing research, and coordinating the qualifying and final examinations.

**ADMISSION TO CANDIDACY**

Admission to candidacy indicates agreement that the student has demonstrated ability to do acceptable graduate work and that satisfactory progress has been made toward a degree. This action usually connotes that all prerequisites to admission have been completed and a program of study has been approved.

The Admission to Candidacy form must be signed by the student’s committee and list all courses to be used for the degree, including transfer coursework. This form is submitted to the Office of the Registrar before the student has completed 15 hours of coursework in the Ed.S. program. A qualifying examination may be required for admission to candidacy if the student has a master’s degree earned six years or more prior to admission to the program. This examination may be written and/or oral.

**RESEARCH REQUIREMENTS**

See the program descriptions of individual departments for list of thesis, problems in lieu of thesis, and non-thesis options. Some departments offer only a thesis program.

1. In the non-thesis program, a candidate will study research methods and findings and will demonstrate skill in adapting them to professional needs as defined by the major department.

2. In the thesis program, or problems in lieu of thesis, 6 hours of research credit (518 or 503) must be earned in preparation of an acceptable piece of work. The student must continue to register for thesis or problems while working on the project, including the semester it is accepted by the Office of Graduate Student Services on behalf of the Graduate Council. The thesis must be prepared according to instructions in the UT Knoxville Guide to the Preparation of Theses and Dissertations (8th ed.), and approved by the student’s committee prior to submission to Graduate Student Services for final approval and acceptance.

**FINAL EXAMINATION**

A candidate presenting a thesis, or problems in lieu of thesis, must pass an oral examination covering the student’s research and program of study. A non-thesis student must pass a final written, oral, or written and oral examination, on all work offered for the degree. The examination is not merely a test over coursework, but a demonstration of the candidate’s ability to integrate materials in the major and related fields. Each examination should be scheduled through the academic department at least two weeks prior to the examination and will be conducted in University-approved facilities by the student’s committee. In case of failure, the candidate may not be reexamined until the following semester. The result of the second examination is final.

**TIME LIMIT**

Candidates have six calendar years from the time of entry into the last 30 hours of their degree programs to complete the Ed.S. degree.

**Doctoral Degrees**

Two doctoral degree programs are available: Doctor of Philosophy (Ph.D.) and Doctor of Education (Ed.D.). For a list of programs, see Majors and Degree Programs chart. For specific degree requirements, consult individual program descriptions listed by college and field of instruction in this Catalog. See also Summary of Procedures for Doctoral Degrees chart.

The doctoral degree is evidence of exceptional scholarly attainment and demonstrated capacity in original investigation. Requirements for the degree, therefore, include courses, examinations, and a period of resident study, as well as arrangements which guarantee sustained, systematic study and superior competency in a particular field.

**PROGRAM OF STUDY**

The student’s program of study is subject to Graduate Council policies and individual program requirements. The program of study as listed by the student on the Admission to Candidacy form must be approved by the doctoral committee. Doctoral programs include a major field or area of concentration and, frequently, one or more cognate fields. Cognate fields are defined as a minimum of 6 semester hours of graduate coursework in a given area outside the student’s major field.

A candidate for a doctoral degree must complete a minimum of 24 hours of graduate coursework beyond the master’s degree, which is a prerequisite for entry into most doctoral programs. If the doctoral program does not require a master’s degree, the candidate must complete a minimum of 48 hours of graduate coursework beyond the baccalaureate degree. A minimum of 12 of the 24 hours, or 30 of the 48 hours, must be graded A-F. A minimum of 6 semester hours of the student’s coursework must be taken in UT courses at the 600 level, exclusive of dissertation.

In addition, 24 hours of course 600 Doctoral Research and Dissertation are required (see Continuous Registration).

For coursework taken prior to admission to the doctoral program, refer to section on Transfer Credits.

**DOCTORAL COMMITTEE**

The major professor directs the student’s dissertation research and chairs the dissertation committee. The student and the major professor identify a doctoral committee composed of at least four faculty members holding the rank of Assistant Professor or above, three of whom, including the chair, must be approved by the Graduate Council to direct doctoral research. At least one member must be from an academic unit other than that of the student’s major field. This committee is nominated by the department head or college dean and approved by the Dean of Graduate Studies.

The committee should be formed during the student’s first year of doctoral study. Subject to Graduate Council policies and individual program requirements, the committee must approve all coursework applied toward the degree, certify the student’s mastery of the major field and any cognate fields, assist the student in conducting research, and recommend the dissertation for approval and acceptance by Graduate Student Services.

**DOCTORAL EXAMINATIONS**

Departments may, at their option, administer diagnostic and/or qualifying examinations in the early stages of the student’s doctoral program. Successful completion of a comprehensive examination and a defense of dissertation is required for all doctoral degrees. Registration is required the semester in which examinations are taken.

**Diagnostic Examination**

A student on admission to a doctoral program may be given a written and/or oral diagnostic examination to help determine the student’s level of preparation, areas of strengths and weaknesses, and general
background. The diagnostic examination is designed to aid in the selection of courses and to determine the student’s preparation to continue doctoral studies at UT.

Qualifying Examination
A written and/or oral qualifying examination may be given near the end of the student’s first year in the doctoral program. Qualifying examinations are designed to test the student’s progress, general knowledge of fundamentals of the field, and fitness to continue with the more specialized aspects of the doctoral program.

Comprehensive Examination
The comprehensive examination (or the final part of this examination, when parts are given at different times) is normally taken when the doctoral student has completed all or nearly all prescribed courses. Thus, its successful completion indicates that, in the judgement of the faculty, the doctoral student can think analytically and creatively, has a comprehensive knowledge of the field and the specialty, knows how to use academic resources, and is deemed capable of completing the dissertation. The comprehensive examination must be passed prior to admission to candidacy. A written examination is required, and an oral examination is encouraged.

The faculty of the graduate program and/or the student’s doctoral committee will determine the content, nature and timing of the comprehensive examination and certify its successful completion. The department or committee may at its discretion subdivide the examination, administering portions of the examination at several times during the student’s course of study. Students should review carefully the written statement from each doctoral degree program which details the timing, areas covered, grading procedures, and provisions for repeating a failed examination.

Defense of Dissertation Examination
A doctoral candidate must pass an oral examination on the dissertation. The dissertation, in the form approved by the major professor, must be distributed to the committee at least two weeks before the examination. The examination must be scheduled through the Office of the University Registrar at least one week prior to the examination and must be conducted in University-approved facilities. The examination is announced publicly and is open to all faculty members. The defense of dissertation will be administered by ALL members of the doctoral committee after completion of the dissertation and all course requirements. This examination must be passed at least two weeks before the date of submission and acceptance of the dissertation by Graduate Student Services. The major professor must submit the results of the defense by the dissertation deadline.

LANGUAGE REQUIREMENTS
Candidates for the Ph.D. degree may be required to demonstrate a reading knowledge of at least one foreign language in which there exists a significant body of literature relevant to the major field of study. Please refer to the descriptions of individual programs. The doctoral committee will determine the specific language (or languages) required. When the student is prepared to take a language examination, he/she should complete an Application for Doctoral Language Examination at the Office of the Registrar in accordance with the dates and times for the examinations published online.

Satisfactory completion (grade of B or better) of German 332 or French 302 may be substituted for a language examination. Some programs may accept a computer language in lieu of a foreign language.

RESIDENCE REQUIREMENTS
Residence is defined as full-time registration for a given semester on the campus where the program is located. The summer term is included in this period. During residence, it is expected that the student will be engaged in full-time on-campus study toward a graduate degree.

For the doctoral degree, a minimum of two consecutive semesters of residence is required. Individual doctoral programs may have additional residence requirements. A statement as to how and during what period of time the residence requirement has been met will be presented with the Application for Admission to Candidacy along with signatures of approval from the major professor and the Department Head/Program Director. More information about the rationale for the residence requirement may be obtained from the Graduate Council report available on the Graduate Studies web page.

ADMISSION TO CANDIDACY
Admission to candidacy indicates agreement that the student has demonstrated the ability to do acceptable graduate work and that satisfactory progress has been made toward a degree. This action usually connotes that all prerequisites to admission have been completed and a program of study has been approved.

A student may be admitted to candidacy for the doctoral degree after passing the comprehensive examination, fulfilling any language requirements (for Ph.D.), and maintaining at least a B average in all graduate coursework. Each student is responsible for filing the admission to candidacy form, which lists all courses to be used for the degree, including courses taken at UT or at another institution prior to admission to the doctoral program, and is signed by the doctoral committee. Admission to candidacy must be applied for and approved by the Office of the University Registrar at least one full semester prior to the date the degree is to be conferred.

CONTINUOUS REGISTRATION
The student must register continuously for course 600 (minimum of 3 hours) from the time the doctoral research proposal is approved, admission to candidacy is accepted, or registration for course 600 is begun, whichever comes first, including summer semester and the semester in which the dissertation is approved and accepted by Graduate Student Services. A minimum total of 24 hours of course 600 is required before the dissertation will be accepted.

A student who will not be using faculty services and/or university facilities for a period of time may request leaves of absence from dissertation research up to a maximum of six terms (including summer terms). The request, approved by the major professor, will be submitted by the student and filed in the Registrar’s Office.

DISSERTATION
The dissertation represents the culmination of an original major research project completed by the student. The organization, method of presentation, and subject matter of the dissertation are important in conveying to others the results of such research.

A student should be registered for the number of dissertation hours representing the fraction of effort devoted to this phase of the candidate’s program. Thus, a student who devotes 20% of his/her time to dissertation work should register for 12 hours of course 600 per semester.

Paper or electronic submission will be approved by the student’s committee prior to final preparation of the dissertation. Two paper copies or an electronic copy of the dissertation (prepared according to the regulations in the most recent Guide to the Preparation of Theses and Dissertations, available at http://web.utk.edu/~thesis) must be submitted to and accepted by the Office of Graduate Student Services on behalf of the Graduate Council. Each dissertation must be accompanied by two approval sheets, signed by all members of the doctoral committee. The approval sheets reflect the final format for submission. The approval sheets certify to the Office of Graduate Student Services that the committee members have examined the final copy and found that its form and content demonstrate scholarly excellence. Microfilm Agreement form, Survey of Earned Doctorates, and Abstract form are also submitted at this time.

The student should check with the department head concerning additional required copies of the dissertation.

TIME LIMIT
Comprehensive examinations must be taken within five years, and all requirements must be completed within eight years, from the time of a student’s first enrollment in a doctoral degree program.
Fees and Financial Assistance

Residency Classification for Tuition Purposes

A prospective student who applies for graduate study is notified of residency classification (in-state or out-of-state) for tuition purposes. Classification is based on information supplied on the Graduate Application for Admission. A student cannot acquire in-state status on the basis of full-time enrollment at a higher educational institution in Tennessee. Proof of in-state residence is the responsibility of the individual.

A student classified out-of-state who (1) works full-time in the state or at Fort Campbell, Kentucky, and (2) desires to attend UT on a part-time basis (maximum 6 hours of coursework per semester), is eligible for a waiver of out-of-state tuition. The student must apply for a waiver prior to the date of registration each semester. Forms are available from the Sr. Admissions Specialist in the Office of Graduate Student Services.

RULES OF RESIDENCY CLASSIFICATION

Intent
It is the intent that the public institutions of higher education in the State of Tennessee shall apply uniform rules, as described in these regulations and not otherwise, in determining whether students shall be classified "in-state" or "out-of-state" for fees and tuition purposes and for admission purposes.

Definitions
(1) "Public higher educational institution" shall mean a university or community college supported by appropriations made by the Legislature of this State.
(2) "Residence" shall mean continuous physical presence and maintenance of a dwelling within this State, provided that absence from the State for short periods of time shall not affect the establishment of a residence.
(3) "Domicile" shall mean a person's true, fixed, and permanent home and place of habitation; it is the place where he intends to remain, and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere.
(4) "Emancipated person" shall mean a person who is no longer in the care, custody and control of his or her parent.
(5) "Parent" shall mean a person's father or mother. If there is a non-parental guardian or legal custodian of an emancipated person, then "parent" shall mean such guardian or legal custodian; provided, that there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of conferring the status of an in-state student on such emancipated person.
(6) "Continuous enrollment" shall mean enrollment at a public higher educational institution or institutions of this State as a full-time student is determined by the governing body of said public higher educational institution or institutions, for a normal academic year or years or the appropriate portion or portions thereof since the beginning of the period for which continuous enrollment is claimed. Such person need not enroll in summer sessions or other such inter-sessions beyond the normal academic year in order that his or her enrollment be deemed "continuous."

Rules for Determination of Status
(1) Every person having his or her domicile in this State shall be classified "in-state" for fee and tuition purposes and for admission purposes.
(2) Every person not having his or her domicile in this State shall be classified "out-of-state" for said purposes.
(3) The domicile of an emancipated person is that of his or her parent. Unemancipated students of divorced parents shall be classified "in-state" when one parent, regardless of custodial status, is domiciled in Tennessee.

Out-of-State Students Who Are Not Required to Pay Out-of-State Tuition
(1) An unemancipated, currently enrolled student shall be classified out-of-state should his or her parent thereafter be domiciled in the State, remove from the State. However, such student shall not be required to pay out-of-state tuition nor be treated as an out-of-state student for admission purposes so long as his or her enrollment at a public higher educational institution or institutions shall be continuous.
(2) An unemancipated person whose parent is not domiciled in this State but is a member of the armed forces and stationed in this State or at Fort Campbell pursuant to military orders shall be classified out-of-state, but shall not be required to pay out-of-state tuition. Such a person, while in continuous attendance toward the degree for which he or she is currently enrolled, shall not be required to pay out-of-state tuition if his or her parent thereafter is transferred on military orders.
(3) A person whose domicile is in a county of another state lying immediately adjacent to Montgomery County, or whose place of residence is within thirty (30) miles of Austin Peay State University shall be classified out-of-state but shall not be required to pay out-of-state tuition at Austin Peay State University. Provided, however, that there be no teacher college or normal school within the non-resident's own state, of equal distance to said non-resident's bona fide place of residence.
(4) Part-time students who are not domiciled in this State but who are employed full-time in the State shall be classified at Fort Campbell pursuant to military orders, shall be classified out-of-state but shall not be required to pay out-of-state tuition. This shall apply to part-time students who are employed in the State by more than one employer, resulting in the equivalent of full-time employment.
(5) Military personnel and their spouses stationed in the State of Tennessee who would be classified out-of-state in accordance with other provisions of these regulations will be classified out-of-state but shall not be required to pay out-of-state tuition.
(6) A person who is domiciled in the Kentucky counties of Fulton, Hickman, or Graves shall be classified out-of-state and shall not be required to pay out-of-state tuition at The University of Tennessee at Martin if qualified for admission. This exemption is on condition that Murray State University in Murray, Kentucky, continue to admit Tennessee residents from selected Tennessee counties to enroll at that institution without payment of out-of-state tuition.
(7) Any dependent child not domiciled in Tennessee but who qualifies and is selected to receive a scholarship under the Dependent Children Scholarship Act (T.C.A. 48-4-704) because his or her parent is a law enforcement officer, fireman, or emergency medical service technician who was killed or totally and permanently disabled while performing duties within the scope of employment, shall be classified out-of-state but shall not be required to pay out-of-state tuition.
(8) The spouse of a student classified as "in-state" shall also be classified "in-state."
(9) Students not domiciled in Tennessee but who are selected to participate in specified institutional undergraduate Honors Programs shall be classified out-of-state but shall not be required to pay out-of-state tuition.
(10) A person whose domicile is in Mississippi County, Arkansas, or either Dunlin County or Pemiscot County, Missouri, and who is admitted to Dyersburg State Community College, shall be classified out-of-state but shall not be required to pay out-of-state tuition.
(11) A person who is not domiciled in Tennessee, but has a bona fide place of residence in a county which is adjacent to the Tennessee state line and which is also within a 30 mile radius (as determined by the THEC) of a city containing a two-year TBR institution and who is admitted to a two-year TBR institution, shall be classified out-of-state but shall not be required to pay out-of-state tuition. The two-year institution may admit only up to three percent (3%) of the full-time equivalent attendance of the institution without out-of-state tuition. (THEC may adjust the number of the non-residents admitted pursuant to this section every three (3) years.)
Presumption
Unless the contrary appears from clear and convincing evidence, it shall be presumed that an emancipated person does not acquire domicile in this State while enrolled as a full-time student at any public or private higher educational institution in this State, as such status is defined by such institution.

Evidence to be Considered for Establishment of Domicile
If a person asserts that he or she has established domicile in this State he or she has the burden of proving that he or she has done so. Such a person is entitled to provide to the public higher educational institution by which he or she seeks to be classified or reclassified in-state, any and all evidence which he or she believes will sustain his or her burden of proof. Said institution will consider any and all evidence provided to it concerning such claim of domicile but will not treat any particular type or item of such evidence as conclusive evidence that domicile has or has not been established.

Appliance
The classification officer of each public higher educational institution shall be responsible for initially classifying students “in-state” or “out-of-state.” Appropriate procedures shall be established by each such institution by which a student may appeal his or her initial classification.

Effective Date for Reclassification.
If a student classified out-of-state applies for in-state classification and is subsequently so classified, his or her in-state classification shall be effective as of the date on which reclassification was sought. However, out-of-state tuition will be charged for any quarter or semester during which reclassification is sought and obtained unless application for reclassification is made to the classification officer on or before the last day of regular registration of that quarter or semester.

University Fees
University fees and other charges are determined by the Board of Trustees and are subject to change without notice. All student fees are due in advance.

All tuition, maintenance and course-related charges and refunds will be made to the nearest even dollar. All charges are subject to subsequent audit and verification. The University reserves the right to correct any error by appropriate additional charges or refunds.

All students must confirm their attendance by 1) making the minimum payment, or 2) signing the Confirmation of Attendance Form if no fees are due by the student. The schedule will be cancelled if one of the above is not accomplished each term on or before the published due date. This includes graduate assistants, teaching assistants, teaching associates, research assistants, staff, and others whose fees may be billed, prepaid, or waived. Late registration fees are applicable to students who register during Final Registration.

No student is authorized to attend classes who has not registered and satisfied his/her payment of fees.

The University is authorized by statute to withhold diplomas, grades, transcripts, and registration privileges from any student until all debts and obligations owed to the University are satisfied.

The general fees for graduate students in effect at the time of publication are as follows:

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<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
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<tbody>
<tr>
<td>APPLICATION FEE</td>
<td>$35</td>
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Each graduate application for admission must be accompanied by a non-refundable fee of $35 before it will be processed (fee not required if: 1) former UT graduate student; 2) paid to UT Graduate Admissions within the previous 12 months; (3) paid and attended graduate school within UT System).

If a student applies but does not enter graduate school within twelve months after date of requested admission, the file will be destroyed, and it will be necessary to resubmit the application fee and a new application. This fee is not refundable.

VOLXPRESS
VOLXPRESS is The University of Tennessee’s centralized accounting system that allows students to pay all of their fees and charges with one check by mail. Through VOLXPRESS, students are mailed statements that include their class schedule, current tuition and fees, fee waiver information, fines and past-due amounts, pending financial aid that can be credited toward their accounts, any excess amounts, pending financial aid that can be credited toward their accounts, any excess funds from scholarships and/or loans, and choices about how to receive them.

VOLXPRESS is a convenient method for students to take care of business from home. Students who register and pay early will receive the greatest benefit if the payment deadlines are observed.

Each student must submit any change of billing address to Circle Park Online at http://cpp.utk.edu to ensure timely receipt of a VOLXPRESS statement. Each Timetable of Classes lists the dates of registration and when and if statements will be mailed.

IN-STATE FEES

<table>
<thead>
<tr>
<th>Fall 2001</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>MAINTENANCE FEE</td>
<td>$1,865</td>
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<td>Per Semester</td>
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<td>Part Time (8 hours or less)</td>
<td>$208 per credit (or audit) hour or fraction thereof; minimum charge $208.</td>
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VOLXPRESS is The University of Tennessee’s centralized accounting system that allows students to pay all of their fees and charges with one check by mail. Through VOLXPRESS, students are mailed statements that include their class schedule, current tuition and fees, fee waiver information, fines and past-due amounts, pending financial aid that can be credited toward their accounts, any excess amounts, pending financial aid that can be credited toward their accounts, any excess funds from scholarships and/or loans, and choices about how to receive them.

VOLXPRESS is a convenient method for students to take care of business from home. Students who register and pay early will receive the greatest benefit if the payment deadlines are observed.

Each student must submit any change of billing address to Circle Park Online at http://cpp.utk.edu to ensure timely receipt of a VOLXPRESS statement. Each Timetable of Classes lists the dates of registration and when and if statements will be mailed.

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Note: The Programs and Services Fee is non-refundable.

The purpose of the University Programs and Services Fee is to provide non-instructional facilities and programs of an educational, cultural, social, recreational, and service nature for UT students. The student health fee is included in the full programs and services fee. Refer to Student Health Insurance and Student Health Service for additional information.

All students enrolled in excess of eight semester hours per term are assessed a Programs and Services Fee of $150. Part-time students taking fewer than nine semester hours will be assessed at the rate of $10 per semester hour or fraction thereof. Graduate, teaching, and research assistants, teaching associates, and fellowship students, who may have a waiver of fees (tuition and/or maintenance), must pay the appropriate University Programs and Services Fee and late payment fee, if applicable.

Knoxville campus students taking a course load of 6-8 hours may elect to pay the full programs and services fee or may elect to pay the student health fee ($48 for fall and spring, $36 for summer) plus the appropriate part-time programs and services fee up to the maximum of $150. Knoxville campus students taking 3-5 hours may elect to pay the student health fee ($48 for fall and spring, $36 for summer), plus the appropriate part-time programs and services fee.

TECHNOLOGY FEE

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Note: The Programs and Services Fee is non-refundable.

The purpose of the Technology Fee is to provide all students with improved access to the technological infrastructure, resources, and services at UT.

Graduate, teaching, and research assistants, teaching associates, and fellowship students, who may have a waiver of fees (tuition and/or maintenance), must pay the appropriate Technology Fee.

The Technology Fee is mandatory and may be refunded on the same percentage scale as maintenance and tuition charges.

FACILITIES FEE

The Facilities Fee is a mandatory fee assessed to all students enrolled in credit
and audit courses. The fee is used to provide students with upgraded classroom facilities, expand information technology into the classroom, and fund campus infrastructure improvements. These resources are targeted to assist in funding a backlog of campus and classroom projects that will enhance the University’s facilities. The fee is $25 per semester for full-time, in-state students and $150 per semester for full-time, out-of-state students. The fee will be pro-rated for part-time students.

MUSIC FEE
One-half hour lesson per week
per semester ........................................ $80
One-hour lesson per week
per semester ........................................ $160

Payable by students receiving individual instruction in music.

SPECIAL COURSE FEES
Academic areas, such as Art, Biology, Chemistry, Engineering, Bowling and Golf, charge fees per specific course sections. Refunds on these fees are determined by the department or on the same percentage as maintenance and tuition.

GRADUATION FEE
Master's degree candidates ..................... $30
Doctoral degree candidates .................... $75
Doctoral hood rental (optional) ................. $5

There are no additional charges for diploma, binding, or microfilming. The graduation fee is non-refundable and is valid for two semesters after the semester in which it is paid. The doctoral hood rental applies only to those students who have not purchased a doctoral hood and are participating in the graduation ceremony. The hood rental fee is paid at the University Book and Supply Store.

PROFICIENCY FEES
Fees for proficiency examinations are $7 per credit hour for graduate students. See Proficiency Examinations for additional information.

FEES FOR COURSES NOT TAKEN FOR CREDIT
Fees for courses audited are the same as for courses taken for credit. For fee purposes, courses listed for 0 credit hours are considered as one-hour courses.

DEFERRED PAYMENT PLAN SERVICE FEE ........................................ $20
(See Tuition Payment Plans)

The Deferred Payment Fee is assessed when payment of any part of a student’s account is deferred, including accounts which must be billed to outside agencies. It is the student’s responsibility to pay all obligations promptly.

Students are responsible for charges and fees which are to be paid by a third party. Non-Person Entity (NPE) accounts, which include government sponsored agencies and private organizations, are automatically assessed a $10.00 billing fee when an authorization is presented to the Bursar’s Office. Late authorizations and payments are subject to late payment fees and University schedule cancellation policies and procedures.

PRIORITY REGISTRATION
For a priority registered student, payment or a Confirmation of Attendance Form is due by the published due date, or the student’s schedule will be cancelled. Failure to receive a statement does not relieve students of their obligation to pay or confirm by the due date. The due date is published in the Timetable of Classes available from the Registrar’s Office.

FINAL REGISTRATION LATE FEE
For a student who registers during Final Registration (including those who were cancelled during priority Registration), payment of fees or a Confirmation of Attendance Form must be submitted to one of the Bursar's Office locations by the Final Registration due date. This due date will be published in the Timetable of Classes available from the Registrar’s Office. The Final Registration Late Fee is non-refundable.

Students who register during Final Registration will be assessed a late fee based on the following:

- Beginning of Final Registration through 1st week of classes ................................ $20
- 2nd week of classes ............................... $40
- 3rd week of classes ............................... $60
- 4th week of classes ............................... $80
- After 4th week of classes ......................... $100

Doctoral students who must register retroactively for dissertation credit will be charged a late fee of $35 for each semester of retroactive registration.

REINSTATEMENT FEE ........................................ $45

VOLXpress accounts that have a balance after mid-semester will be assessed a reinstatement fee of $45. Grades will be withheld until all fees are paid in full.

RETURNED CHECK SERVICE FEE POLICY
All checks are deposited the day they are received. A $20 service charge will be assessed when checks fail to clear the bank on which they are drawn. Returned checks will not be redeposited. Cash or certified funds are required for payment of the returned check and service charges.

Any student who does not respond within 2 weeks from the date of the first notice may be assessed an additional $10 Service Charge.

Failure to clear returned checks will result in the forfeiture of all university services, including the receipt of grades, transcripts, and schedule of classes. Check cashing privileges may be suspended or terminated in accordance with University policy. Failure to pay may also result in additional late fees, collection costs and reasonable attorney fees.

RETURNED CHECK POLICY
Payments made by checks that are returned by the bank adhere to the following returned check guidelines:

1st returned check--Check writing/check cashing privileges are suspended until the returned check and service charges are paid/cleared.

2nd returned check--If the 2nd returned check is not within 1 calendar year of the first returned check, check writing/check cashing privileges are suspended for 6 months from the date of the second check. If the 2nd returned check is not within 1 calendar year of the first, check writing/check cashing privileges are suspended until the returned check and services charges are paid/cleared.

3rd returned check--Check writing/check cashing privileges are suspended for 1 year from the date of the third check.

4th returned check--Check writing/check cashing privileges are permanently suspended.

TUITION PAYMENT PLANS
All student fees are due in advance and should be paid in full by the due date shown on the VOLXpress statement and listed in the Timetable of Classes. Failure to receive a statement does not relieve students of their obligation to pay on or before the due date.

Deferred Payment Plan
Students in good financial standing will be offered a deferment of up to 50% of the total charges on their VOLXpress statement. The first payment is due on the published due date and the second payment is due approximately 45 days after the first. All financial aid must be applied toward fees before a deferment will be considered. A deferred payment service fee of $20 is assessed when any portion of tuition, fees, and other charges are deferred, including third party deferments, with the approval of the Bursar's Office. An additional $35 late payment charge will be assessed if the second installment is not paid on or before the due date. Failure to receive a statement does not relieve students of their obligation to pay on or before the due date. An additional $45 reinstatement fee will be assessed if fees are not paid by mid-semester.

ROOM PLAN
Semester room charges may be paid in monthly installments. The first month’s rent, plus a deposit of one month’s rent, is due at the beginning of the semester. The remaining installments are due every four weeks.

REFUNDS
Refunds are defined as the portion of maintenance and/or tuition and University housing/meal charges due as a rebate when a student withdraws or drops a portion of class hours. Refunds are also processed as a rebate on some fine/penalties paid such as parking fines, library fines, etc. Once a refund is determined to be appropriate, all amounts will be applied toward other outstanding fees/lines owed to the University at the time the refund is issued, including outstanding fees due on the Deferred Payment Plan. Any remaining refund balance...
Refund/Charge of Fees for Withdrawal

After payment of fees and/or a Confirmation of Attendance Form has been submitted by the student, withdrawal for the semester must be by official notification to the Graduate Student Services Office, 218 Student Services Building. Failure to attend class does not automatically withdraw or drop a student from the University or class.

The effective date of withdrawal is the date the Office of Graduate Student Services is notified by completion of the official withdrawal request form. The appropriate percentage of fees will be charged unless this action is completed by the close of the day before the first official day of classes for the semester. Failure to notify the Graduate Student Services Office promptly when withdrawing could result in a larger fee assessment. Withdrawal does not cancel fees and charges already incurred. All charges and refunds will be made to the nearest even dollar.

The drop/add procedure cannot be used to withdraw from school for the semester. For a regular academic semester, withdrawal within 5 business days beginning with the first official class start date of the semester permits a 90% refund/10% charge. Specific dates will be printed in the Timetable of Classes. The first class start date is the date on which all classes begin. Withdrawal between 6 and 10 business days beginning with the first class start date of the semester permits an 80% refund/20% charge. Withdrawal between 11 and 15 business days permits a 60% refund/40% charge. Withdrawal between 16 and 20 business days permits a 40% refund/60% charge. A 100% charge is assessed for courses dropped after 20 business days. Refunds, in accordance with the withdrawal refund policy, will be made after the drop deadline.

Financial Aid Withdrawals/Repayments

Repayments are defined as the portion of aid, received by a student after the University direct charges have been paid by that aid, that must be repaid when a student withdraws or is dismissed. The amount of repayment is determined by the return of Title IV funds policy.

Refunds and repayments to the Title IV programs are determined according to the formula published in the current “Federal Student Financial Aid Handbook.” The Financial Aid Office is responsible for calculating the amount of the refund and/or repayment and distributing the correct amount to the financial aid programs according to the return of Title IV funds policy.

Refund/Repayment Examples: Undergraduate Student

Withdraw 21 days after classes began
Received Stafford loan of..............$1,940
(Actual loan amount $2,000)
Tuition charge............................$1,767
Art fee of.................................$15
Institutional charge totaled............$1,907
Refund to Title IV program is.........$1,205.22

Graduate Student

Withdraw after 60% of semester completed
Received Stafford loan of.............$4,122.50
(Actual loan amount $4,250)
Institutional charge totaled............$2,205
Refund to Title IV program is.........$0

Graduate Student

Withdraw 93 days after classes began
Received Stafford loan of.............$4,122.50
(Actual loan amount $4,250)
Total institutional charges were.......$2,265
Refund to Title IV program is.........$1,012.46

Note: The above are examples of the current award year and are subject to change.

Refund/Charge of Fees for Dropped Courses (continue with a reduced course load)

Students pay fees computed at the appropriate semester-hour rate as indicated in the fee section. No charge is made for courses dropped during the first 8 business days following the day before the first official day of University classes. An 80% refund/20% charge is made for courses dropped between 9 and 10 business days following the day before the first official day of University classes. A 60% refund/40% charge is assessed for courses dropped between 11 and 15 business days. A 40% refund/60% charge is made for courses dropped between 15 and 20 business days. A 100 percent charge is made for courses dropped after 20 days.

Students who drop courses and continue to take a course may have the family health insurance policy offered by the University. A course on a student’s schedule is dropped after 20 days.

SUMMER TERM FEES AND EXPENSES

Fees and expenses for the summer semester are the same as for other semesters during the academic year, except for University Programs and Services Fees as previously mentioned.

Although the summer term is divided into sessions of varying lengths, tuition and fees are assessed at the regular semester-hour rate up to the maximum charge for a complete regular semester.

The refund policy covering withdrawal and dropped courses for the summer semester is based on the length of the term for the course(s) dropped. Percentages of refunds is based on the date of withdrawal/ drop. See Timetable of Classes for specific dates.

WAIVER OF FEES

Graduate assistants, teaching assistants and associates, research assistants, staff, and others whose fees are billed, prepaid, waived, or partially waived confirm their attendance by making payment or signing a Confirmation of Attendance Form by the due date as published in the Timetable of Classes or the schedule will be cancelled. If an appointment terminates during the term, the student owes the appropriate fees from the termination date until the end of the term. Graduate students are not eligible for State or UT employee/spouse/dependent waivers.

STUDENT HEALTH INSURANCE

The University makes available, by contract with an insurance company, group health insurance expressly for students. The program is designed to supplement the care provided by the campus Student Health Service and provide basic benefits at low group premium rates. Primary emphasis is placed on hospitalization benefits, since inpatient care is not provided on campus. Students not otherwise covered are urged to avail themselves of this or comparable insurance, since paying for hospital care is the student’s responsibility.

Information about the insurance is mailed by the company to the student’s home, and participation is solicited. Enrollment in the plan (or alternative coverage) is mandatory for international students. Students may obtain applications from the Student Health Service or the Center for International Education. Except for international students, enrollment for insurance is not part of registration for classes. NOTE: The family health insurance policy should be carefully reviewed, since most family policies do not cover a dependent child after a given age, some as early as nineteen.

VOLCARD

The VolCard is issued to a new student after admission at the appropriate University level or anytime during the year to all students. The VolCard is used in nearly all aspects of campus life to obtain services including meals, vending machines, computers, laundry machines, check cashing, sporting events, cultural attractions, residence halls access, library, recreational facilities and equipment, University Bookstore, and much more. Many students have established debit or charge accounts which are accessed through the use of the VolCard ID.

These cards are non-transferable and may not be duplicated. The VolCard MUST BE CARRIED AT ALL TIMES FOR PURPOSES OF IDENTIFICATION. Students are responsible for the safekeeping of this card and must immediately report it lost or stolen if the card is not in their possession. Failure to notify the VolCard office will make the student liable for any unauthorized charges to the debit on charge accounts the student may have.
To obtain a new VolCard or replace a lost or stolen card, report to the VolCard Office, Room 472, S. Stadium Hall (between gates 12 & 13 at Neyland Stadium) on Stadium Drive. There is a minimum charge of $10.00 for replacement of a VolCard.

**FEES FOR SPONSORED INTERNATIONAL STUDENTS**

An administrative management fee will be charged to sponsoring agencies of international students whose programs require special administrative or management services beyond those normally provided. Fees are $250 per semester and $100 per summer session.

**Financial Assistance**

UT offers several types of financial assistance for which graduate students may apply.

**ASSISTANTSHIPS**

Graduate assistantships, scholarships, traineeships, and some fellowships are offered through many departments and colleges. Information concerning these types of assistance can be obtained from the department in which the student plans to study. All assistantships are governed by the Policy for the Administration of Graduate Assistantships. See section on Federal, State and University Policies.

**FELLOWSHIPS**

The Office of Graduate Student Services administers the Hilton A. Smith Graduate Fellowships and the Herman E. Spivey Graduate Fellowships. These awards are for full-time study at UT, and awardees are selected on the basis of high achievement, broad intellectual ability and potential for significant career contributions. Candidates from any field of study are invited to apply for the Hilton A. Smith. Candidates for graduate study in the humanities are invited to apply for the Herman E. Spivey fellowships. The Hilton A. Smith and the Herman E. Spivey fellowships include monthly stipends, tuition, and maintenance fees. Application packets and information are available from November through January on the Graduate Studies website. Completed applications, including all supporting materials, must be submitted by February 14. Offers of awards are announced on or after March 14.

**ACADEMIC COMMON MARKET**

The Academic Common Market is an agreement among Southern states for sharing unique programs. Participating states can make arrangements for their residents who are fully admitted to specific programs at UT to enroll on an in-state tuition basis if these programs are not available in the state of residence.

Cooperating states in the Academic Common Market are Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia. Fifteen doctoral and twenty-four master's programs at UT are approved by the Academic Common Market for residents of these states to enroll at in-state tuition rates.

Students must be fully admitted to the appropriate degree program, and the letter of certification must be received in the Office of Graduate Admissions no later than the first day of classes for the effective semester.

Residents of member states who seek further information should contact the Administrative Services Assistant in the Office of Graduate Admissions (865) 974-3251, or the Southern Regional Educational Board, 592 Tenth Street, N.W., Atlanta, GA 30318-5790, tel. (404) 875-9211, FAX (404) 872-1477, e-mail ann.creech@srebad.org or info@sreb.org or visit the SREB website at http://www.sreb.org.

**EMPLOYMENT**

The Office of Financial Aid and Scholarships coordinates the Federal Work Study Program which provides part-time off- and on-campus jobs for U.S. citizens or permanent residents who have demonstrated financial need by completing the Federal Application for Federal Student Aid (FAFSA). A wide range of jobs are available in academic units, administrative offices, and non-profit agencies.

**GRADUATE STUDENT TRAVEL FUND**

The University Program and Services Fee (UPSF) Graduate Student Travel Fund is administered by the Office of the Dean of Students in cooperation with the Graduate Student Association and the Dean of Graduate Studies. Allocations from this fund are utilized to provide travel awards for UT graduate students attending professional meetings. The awards are made on the basis of merit, need, and allow for partial reimbursement of transportation, lodging and registration expenses.

Travel award requests must be filed using the current UPSF Graduate Student Travel Fund application. Applications can be picked up at the Office of the Dean of Students (413 Student Service Bldg.) or downloaded from the GSA website at http://web.utk.edu/~gsa. Applications must be submitted to the Office of the Dean of Students by the following deadlines:

- Summer Term: April 22
- Fall Semester: September 2
- Spring Semester: November 11

**LOANS**

Students must apply through the Office of Financial Aid and Scholarships for all loan programs. Loans are limited to U.S. citizens and certain permanent residents. Additional paperwork is required on subsidized/ unsubsidized Stafford Loans.

Students must be admitted into a degree program and be enrolled for a minimum of 6 credit hours each semester to receive student loans.

Four types of loan programs are administered by the Financial Aid Office: 1) Federal Perkins Loan (Student Aid Report, SAR, must be on file); 2) subsidized Federal Stafford Loan (SAR must be on file); 3) unsubsidized Federal Stafford Loan (SAR must be on file); and 4) The University of Tennessee Loan.

Processing time varies from one loan program to another.

Students who have attended any post-secondary institution other than UT may have to provide a Financial Aid Transcript to the Financial Aid Office even if no financial aid was received from the previous institution if entrance is at mid-year.

All students receiving financial aid are expected to maintain satisfactory academic progress standards to remain eligible to receive aid. In addition, all students receiving federal financial aid must have a social security number. Information on these standards, applications, and additional information are available from the Office of Financial Aid and Scholarships, 115 Student Services Building.

**VETERANS BENEFITS**

Veterans, reservists and widows or children of certain deceased or disabled veterans, who have been admitted to a degree program, may apply for benefits by contacting the Veterans Affairs Office in Room 209, Student Services Building. Maximum benefits are paid by the Department of Veterans Affairs for course loads of 9 or more graduate hours each semester.

**Special Federal and State Laws and University Policies**

**Family Educational Rights and Privacy Act**

The Family Educational Rights and Privacy Act provides for confidentiality of student records. However, it also provides for basic identification of persons at UT without the consent of the individual. Release of information to third parties includes directory information such as contained in the campus telephone book and sports brochures. Such information may include name, address, telephone number, date and place of birth, major, dates of attendance, degrees and awards, the most recent previous educational agency or institution attended, participation in school activities and sports, and weight and height (for special activities).

Notice of the categories to be contained in a publication will be given in advance. A period of one week is provided during which a student may request that such information not be released.

**Use of Social Security Number**

UT requires assignment of an individual student number for internal identification of each student's record. The University began using the social security number as the student identification number prior to 1 January 1975; therefore, federal law allows
continued use of this number. However, if a student does not desire to use the social
security number, notification to the University must be made at the time of application for
admission. A student identification number will then be assigned instead. For prompt and
accurate retrieval of records and for conducting business about their own
records, students and alumni must give their student identification number. Student
identification numbers, whether social security or assigned numbers, are used
administratively within the University only and are not given to third parties without
expressed consent of the student.

All students receiving federal financial aid must have a social security number.

EEO/Title IX/Section 504
Statement

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

UT does not discriminate on the basis of
sex or disability in its educational programs
and activities, pursuant to requirements of
Title VI of the Civil Rights Act of 1964, Title IX
of the Education Amendments of 1972, Public
Law 92-318, Section 504 of the Rehabilitation
Act of 1973, Public Law 93-112, and the
Americans with Disabilities Act of 1990,
Public Law 101-336. This policy extends both
to employment by and admission to the
University.

Inquiries concerning Title VI, Title IX,
Section 504, and the ADA should be directed
to the Office of Diversity Resources and
Educational Services (DRES); 2110 Terrace
Avenue; The University of Tennessee;
Knoxville, TN 37996-3650; or telephone (865)
974-2498 (V/TT). Charges of violation of the
above policies should also be directed to
DRES.

Security Information

In accordance with the Tennessee
College and University Security Information
Act of 1989 and the Student Right-To-Know
and Campus Security Act, The University of
Tennessee has prepared a report containing
campus security policies and procedures,
data on campus crimes and other related
information. A free copy of this report may
be obtained by any student, employee or
applicant for admission or employment from
the Office of the Dean of Students, 413
Student Services Building.

Drug-Free Campus and
Workplace

In support of the Drug-Free Workplace
Act of 1988 (Public Law 100-690) and the
Drug-Free Schools and Communities Act of
1989, The University of Tennessee is
notifying all students, faculty, and staff of the
following University policy approved by the
UT Board of Trustees on 21 June 1990.

It is the policy of The University of
Tennessee to maintain a safe and healthful
environment for its students and employees.
Therefore, University policy prohibits the
unlawful use, manufacture, possession,
distribution, or dispensing of drugs "con-
trolled substances" as defined in the
Controlled Substances Act, 21 U.S. C.812
and alcohol on University property or during
University activities.

Violation of this policy is grounds for
disciplinary action up to and including
immediate discharge for an employee and
permanent dismissal for a student. Federal
and state laws provide additional penalties
for such unlawful activities, including fines
and imprisonment (21 U.S. C.841 et seq.;
T.C.A. 39-6-401 et seq.). Local ordinances
also provide various penalties for drug and
alcohol-related offenses. The University is
bound to take all appropriate actions against
violators, which may include referral for legal
prosecution or requiring the individual to
participate satisfactorily in an approved drug
use/alcohol use assistance or rehabilita-
tion program.

Aside from any University policy consid-
erations, the use of illicit drugs and/or the
abuse of alcohol may be harmful to your
health. Some of the health risks associated
with such use/abuse are described below.

Individuals who are paid by The Univer-
sity of Tennessee from federal grants or
contracts must notify the University of any
criminal drug statute conviction for a violation
occurring in the workplace within five days
after such conviction. The University is, in
turn, required to inform the granting or
contracting agency of such violation within
ten days of the University's receipt of
notification.

Employees and their families needing
treatment information should call their local
Personnel Office, Employee Assistance
Program, or the State of Tennessee
Employee Assistance Program (800-468-
8369). Students needing treatment informa-
tion should contact their campus Student
Affairs Office, student health center or
counseling center.

ALCOHOL ABUSE HEALTH RISKS

Liver damage--cirrhosis, alcoholic hepatitis
Heart disease--enlarged heart, congestive
heart failure
Ulcers and gastritis
Malnutrition
Cancer--of the mouth, esophagus, stomach, liver
Brain damage--memory loss, hallucinations,
psychosis
Damage to fetus if pregnant mother drinks
Death--50% of fatal auto accidents involve
alcohol; 31% of suicides are alcoholics

DRUG USE HEALTH RISKS

Overdosing--psychosis, convulsions, coma, death
Long-term use--organ damage, mental
illness, malnutrition, death
Casual use--heart attack, stroke, brain
damage, death
Needles--infections, hepatitis, AIDS, death
If a pregnant mother uses drugs, her baby
can be born addicted or dead.

Policy for the Administration of Graduate
Assistantships

PREAMBLE

Programs of graduate study are designed to
transform the individual from student to
knowledgeable practitioner or professional
scholar. When a graduate assistantship is
well conceived and executed, it serves as
an ideal instrument to facilitate the desired
transformation. The primary goal of an
assistantship, then, is to facilitate progress
toward the graduate degree. While the
student assistant makes progress toward an
advanced degree, he or she also receives
work experience in a profession under the
supervision of a faculty mentor.

The graduate assistant is both student
and employee. As a student, the graduate
assistant is expected to perform well
academically to retain the assistantship. He
or she is to be counseled and evaluated
regularly by a faculty mentor so as to
develop professional skills. As an employee,
the graduate assistant is expected to meet
learning, research, and/or administrative
obligations. He or she is to work under the
supervision of experienced faculty and
receive in-service training. In sum, the
graduate assistant receives financial support
for graduate study by contributing to the
teaching and/or research mission of the
university. The totality of responsibility may
be greater than that required of other
students or staff members, but the opportuni-
ties for professional development also are
greater for the graduate assistant.

Tennessee Conference of Graduate
Schools

DEFINITION

An assistantship is a financial award to a
graduate student for part-time work in
teaching, administration or research while
pursuing study toward an advanced degree.
Appointments are normally on a one-fourth
to one-half time basis, and the annual stipend is
payable in either nine or twelve monthly
installments. In addition to the stipend,
Graduate Teaching Assistants, Graduate
Teaching Associates, Graduate Assistants,
and Graduate Research Assistants are
entitled to a waiver of fees for the period of
appointment in accordance with university
policy. University fees include a maintenance
fee (required of all students), tuition
(additional for out-of-state students), a
program and services fee, and a technology
fee. The waiver of fees for assistantships
applies to maintenance and tuition fees only;
it does not include the program and services
fee or the technology fee. For Graduate
Research Assistants the maintenance fee is
paid by the granting agency and is in addition
to the stipend paid.

Main campus fees and tuition
waivers apply to appointments at a one-
fourth time basis or higher.

In this document when graduate assistant
is not capitalized (except in headings),
reference is to all four types of assistant-
ships at The University of Tennessee.
TYPES OF ASSISTANTSHIPS

It is imperative that each department adhere to the UT Faculty Handbook’s four categories of assistantships. All departmental guidelines should reflect the descriptions provided in the Handbook (1996, p.35):

Graduate Teaching Assistant

Graduate Teaching Assistants work under the direct supervision of regular faculty members and may be assigned only to duties related directly to instruction. These include such activities as assisting in the preparation of lectures, leading discussion sections, conducting laboratory exercises, grading papers and keeping class records. Assistants may not be given primary teaching and/or evaluation responsibilities nor should they be given duties to support faculty research or those basically clerical in nature.

In consultation with the supervisor, the Teaching Assistant works to gain teaching skills and an increased understanding of the discipline.

Graduate Teaching Associate

Graduate Teaching Associates are advanced graduate students who have been given primary responsibility for teaching undergraduate courses, including the assignment of final grades. No other category of graduate assistant may be so charged. Associates may not be assigned primary responsibilities for teaching and student assessment in courses approved for graduate credit.

Associates must have met the Southern Association of Colleges and Schools (SACS) 18-hour requirement.

Graduate Assistant

Graduate Assistants are appointed to perform various types of duties other than those related directly to teaching or research. Most commonly, these duties relate to supervisory or administrative functions of the University.

Graduate Research Assistant

Graduate Research Assistants perform duties in support of University research, which may or may not relate directly to the students’ thesis/dissertation. A student appointed as a GRA works under the direct supervision of his/her major professor. Research assistantships may be financed through funds from gifts, grants, contracts, state appropriations designated for research, or the University’s internally sponsored programs. Department Heads are responsible for assuring that GRAs receive ample opportunities to make continuing progress toward their degrees.

WORK ASSIGNMENTS AND RELATED FACTORS

To utilize the four categories of assistantships, the following provisions should be observed:

1. Work assignments for each type of assistantship should be as specific as possible and should be developed to reflect both the needs of the department and each graduate assistant’s obligation to make satisfactory progress in his/her program.

Therefore, to the extent possible an assignment should appropriately reflect teaching hours, office hours, hours to be spent performing research or other specified tasks. Such specifications should be provided in writing at the time the offer is made.

In situations where the work assignment cannot be specifically described or must be changed from an initial assignment, the graduate assistant should clearly be informed before agreeing to, or continuing in, the assignment.

An important part of each graduate assistant’s work assignment is the fostering of professional development. Such development plus variations in departmental needs may result in differences in number of hours per week for carrying out assignments. Thus, weekly work assignments, when specified, are done so in terms of averages. For a one-fourth time appointment, the graduate assistant’s normal work time should not exceed 10 hours per week. For a one-half time appointment, the average number of hours should not exceed 20 hours per week. For a one-fourth time appointment, the graduate assistant’s work assignment is the fostering of professional development. Such development plus variations in departmental needs may result in differences in number of hours per week for carrying out assignments. Thus, weekly work assignments, when specified, are done so in terms of averages. For a one-fourth time appointment, the graduate assistant’s normal work time should not exceed 10 hours per week. For a one-half time appointment, the average number of hours should not exceed 20 hours per week. For a one-fourth time appointment, the average number of hours should not exceed 14 hours per week. For a one-half time appointment, the average number of hours should not exceed 28 hours per week.

Types of Assistantships

The above requirements do not apply to graduate teaching assistants engaged in assignments such as assisting in laboratory sessions, teaching physical education activities, attending or helping prepare lectures, grading papers, keeping class records, and conducting discussion groups.

Implementation of the SACS 18-hour Requirement at UT

The appropriate Department Head has responsibility for certifying that the 18-hour requirement is met either through coursework or by documentation that the graduate assistant meets the requirement as an exception (e.g., experience in the performing arts). The Dean and Department Head must sign the appropriate form (APR FORM 1-98). This is forwarded to the Office of Human Resource Management. Exceptions should be noted on this form, but a memo and appropriate documentation should be forwarded to the Graduate Office, 404 Andy Holt Tower.

COMPETENCY IN ENGLISH

The University of Tennessee requires all who teach to be competent in spoken English. The specific policy, as it relates to graduate students who teach, is as follows:

Since a certain level of competency with English as a spoken language is necessary for effective communication and teaching, all Graduate Teaching Assistants and Graduate Teaching Associates whose first language is not English are required to demonstrate an appropriate level of comprehensibility for classroom teaching by taking the SPEAK Test administered through the Office of Graduate Student Services. The Test of Spoken English (TSE) may be taken in lieu of the SPEAK Test. The results of this test will be communicated to the appropriate department to be used in determining the nature and extent of instructional or other duties assigned the Graduate Teaching Assistants or Graduate Teaching Associates. Suggested modes of remediation will be given to the department and graduate student when appropriate.

New international students who have been offered an appointment as Graduate Teaching Assistant or Graduate Teaching Associate will take the SPEAK test after their arrival at UT, and the results of the test will be used to determine the nature of their assignment. The student who has already taken the TSE and received acceptable scores may be excused from the requirement of taking the SPEAK test. Validation of competency in communicating with students in English is required for all who are responsible for working with students. Deans, Department Heads, and Directors are responsible for validating such competency, using the appropriate university form (APR FORM 1-89).
RIGHTS/RESPONSIBILITIES OF GRADUATE ASSISTANTS

1. As specified in the Personnel Policies and Procedures Manual (Section 100-105-Pr2-3,p 2), "A student employee is one whose primary function is that of enrollment in an academic program." Thus, first priority of all graduate assistants must be satisfactory progress in their scholastic program. At the same time, acceptance of an assistantship is predicated on the belief that satisfactory progress can be concurrently achieved in work assignments and scholastic programs. Collaborative efforts between graduate assistants and their supervisors should be focused on the goal of satisfactory performance in both these areas.

2. In cases where graduate assistants feel that they have a legitimate complaint about any aspect of carrying out their assignments (work hours, duties assigned, pay, work conditions, etc.), they have a right to pursue all established channels to resolve the conflict. In the order that follows, the student should speak to his/her immediate supervisor, the appropriate Department Head, the appeals committees in the home unit or College, and the Dean of the College/School involved. If the student feels that a resolution should be sought beyond the Department/College level, the Dean of Graduate Studies should be contacted. Established procedures outlined in the Graduate Council Appeals Procedure and/or Hilltopics will be followed.

3. Graduate assistants’ benefits as employees of the University of Tennessee, in addition to fee waivers as explained elsewhere, include workers’ compensation as defined in the Personnel Policies and Procedures Manual under employees’ status. The specific wording reads, “Employees so designated [as student employees] receive no benefits other than statutorily required payments which include Workers’ Compensation” (Section 100-105-Pr2-3). Graduate student assistantship appointments (Graduate Assistants, Graduate Teaching Assistants, Graduate Teaching Associates and Graduate Research Assistants) are of two types: “academic year” and “twelve month or other.” Students on academic year appointments for the Fall and Spring terms receive 12 equal monthly payments for the 9 months of service and a waiver of fees for three terms (including the Summer). Students appointed to an academic year appointment beginning in the Spring term have the option of receiving a 7 equal monthly payments for the January-July period or equal payments for the February-July period. In both cases a fee waiver is provided for Spring and Summer terms. Graduate students on “academic year” appointments have no assistantship responsibilities in the Summer term. Students to “12 month or other” appointments receive equal monthly payments for the months of the appointments and have assistantship responsibilities for the full period of the appointment. For these appointments a waiver of fees is provided only for those months within the appointments (i.e., a waiver of fees for the Summer term requires an appointment which encompasses the Summer term in its entirety.) In some situations, a graduate assistant may be appointed for a period shorter than a year (e.g., a semester).

Graduate assistants who are performing satisfactorily are normally reapportioned up to the maximum time limit as stated below. In situations where the demands of the department do not permit the assistantship to be continued, reapportionment may not be made. In cases where a department has a rotational plan for assistantships, graduate assistants likewise may not be reapportioned.

In all cases of appointment and reapportionment, the supervisor is responsible for notifying the graduate assistant as early as possible. When an assistantship is not to be renewed, the graduate student should be notified in advance. In most cases, this notice must be given no later than one month prior to the end of the appointment. Specific reasons for not renewing the contract should be given (e.g., discontinuation of the program or grant, significant neglect of duty, unsatisfactory academic performance or progress toward a degree, non-compliance with university policies etc.). In cases where an assistantship is for one year only, the student should be told this at the time of appointment. In some circumstances, graduate assistants may be given a conditional appointment such as an appointment in which funding of a grant is pending. The maximum number of years that a graduate assistant can be appointed to an assistantship is three years as a master’s student, five years as a doctoral student, or eight years in doctoral programs in which students enter with a baccalaureate degree only. Some units may have maximum time limits that are less than those stated above. Requests for an extension beyond the maximum terms here specified must be made in writing by the academic unit to the Dean of Graduate Studies.

5. As students, graduate assistants’ rights and responsibilities are defined in the Faculty Handbook section on Student Rights and Responsibilities and the Student Rights and Responsibilities section of Hilltopics. Additional rights and responsibilities of graduate students are found on the student’s copy of the admission status form.

EVALUATION/SUPERVISION OF GRADUATE ASSISTANTS

Departments employing graduate assistants will conduct an annual evaluation of each assistant. The results of the evaluation are made available to the assistant and placed in the student’s academic file. Appointments for the following year should occur. The evaluation, review with the assistant, and follow-up should focus not only on assistant-related work being done but should be preparatory for future employment, thus providing professional growth. In most cases, a graduate assistant’s supervisor shares responsibility with the graduate assistant and takes appropriate follow-up action.

In cases where corrective measures must be taken to remediate deficiencies, the graduate assistant should be notified in writing of the reason to solve the problem(s). Situations leading to dismissal for cause must be described in writing to the assistant being dismissed. This letter should be written by the supervisor with a copy to the department head. In cases where the assistant feels that university-related factors (facilities, working conditions, improper supervision, etc.) have had negative effects on specific aspects of job performance, a letter to the supervisor would be appropriate.

The immediate supervisor for each graduate assistant is to be identified as early as possible, usually no later than four weeks prior to the commencement of the assistantship. If there will be more than one supervisor per graduate assistant, the specific tasks to be performed for each and the role each supervisor will play (e.g., which one will initiate the evaluation process) should be identified.

The chain of command within each department should be clearly indicated to graduate assistants. Thus, each graduate assistant should know that the immediate supervisor is the person to whom first contact is to be made in job related questions/directions; followed in turn by a general departmental/school/college supervisor of graduate assistants (if one exists), the appropriate project director, department head, dean of the college, and the Dean of Graduate Studies.

ORIENTATION/TRAINING OF GRADUATE TEACHING ASSISTANTS AND GRADUATE TEACHING ASSOCIATES

There must be a thorough, systematic plan of orientation and training of all Graduate Teaching Assistants and Graduate Teaching Associates. Such orientation and training may be done at either the department, college, or university level. It is the responsibility of each supervisor to see that his/her graduate assistant is provided appropriate orientation/training.

There are several kinds of training that should occur beyond the initial orientation/training. Such training is usually specific to a particular job function. The Office of Graduate Student Services provides a seminar for Graduate Teaching Assistants and Graduate Teaching Associates who will be teaching at the University of Tennessee. Presented in several formats, this seminar includes orientation and training.

ORIENTATION/TRAINING OF GRADUATE ASSISTANTS AND GRADUATE RESEARCH ASSISTANTS

Graduate Assistants and Graduate Research Assistants must also participate in a thorough, systematic orientation and training program. Training is usually at the department or college level, but the Office of Research at the University level is available to assist with programs designed to help train the Graduate Research Assistant in various aspects of the job to be done.
One type of specialized training is “on-the-job.” Graduate assistants who work in laboratories may receive initial orientation, followed by work experiences which constitute training. In such instances, the “on-the-job” training period should be clearly known by the student assistant.

ACCEPTING/DECLINING AN ASSISTANTSHIP

The University of Tennessee adheres to the following resolution by the Council of Graduate Schools:

Acceptance of an offer of financial aid (such as graduate scholarship, fellowship, traineeship, or assistantship) for the next academic year by an actual or prospective graduate student completes an agreement which both student and graduate school expect to honor. In those instances in which the student accepts the offer before April 15, and subsequently desires to withdraw, the student may submit in writing a resignation of the appointment at any time after April 15. However, an acceptance given or left in force after April 15 commits the student not to accept another offer without first obtaining written release from the institution to which a commitment has been made. Similarly, an offer by an institution after April 15 is conditional on presentation by the student of the written release from any previously accepted offer. It is further agreed by the institutions and organizations subscribing to the above Resolution that a copy of this Resolution should accompany every scholarship, fellowship, traineeship, and assistantship offer.

Student Services

Black Cultural Center

The Center is an integral part of The University of Tennessee. The Center provides academic, cultural and social outlets through programs and services as an ongoing part of the University’s retention efforts. The Tutorial and Early Alert Programs, along with the library, computer lab, student lounge, and multi-purpose area, serve as an extension to services provided across campus. The Center houses several student organizations that plan activities ranging from guest lecturers, Black History Month events, Welcome Week activities, and carnivals to renown speakers such as Maya Angelou, Tavis Smiley, Cornel West and Alice Walker.

The new Center opened in April 2002 is located at 1800 Melrose Avenue. It is a testament to the University’s commitment to the entire student population and is a unique, landmark structure. The University community is encouraged to visit the facility and take advantage of the opportunities provided for all students.

Career Services

Career Services, located in Dunford Hall, 974-5435, is a university-wide department providing career-related assistance to UT students through a wide range of programs and services. Included in the services offered are two annual career fairs providing opportunity to speak informally with representatives from over 100 different companies about their entry level jobs and hiring practices; a nonprofit career fair involving representatives from numerous area nonprofit organizations; employer information which includes types of majors sought, job descriptions, career profiles, annual reports and other pertinent information for hundreds of companies that recruit at UT; a website including valuable links to dozens of other career-related web resources; a part-time employment service for students seeking such positions; and workshops providing instruction in skills and tactics for successful interviewing, resume preparation, business and dining etiquette, and other topics.

On-campus interviews are scheduled during the year, and require registration via a web-based resume system. Thousands of interviews are scheduled each year which include approximately 500 companies, government agencies and school systems.

Interviews are scheduled by registrants on the web. Many job listings are also available from the department’s website. Career Services also administers a Credentials Service for doctoral candidates. Setting up a credential file is a simple process involving the submission of a resume and academic transcript, along with letters of recommendation. An alumni placement service offers assistance in the job search after graduation.

Also thousands of resumes are referred directly to employers each year to assist students and recent alumni in their job-seeking activity. A web-based resume book is made available to employers.

Career Services registrants have access to video conference interviewing, resume access via the World Wide Web, and other state-of-the-art forms of placement assistance. Visit the website at http://career.utk.edu.

Center for International Education

The Center for International Education (CIE), located at 1620 Melrose Avenue, promotes and supports all aspects of international education and international exchanges at UT, both for American students and faculty and for students and faculty from other countries. CIE coordinates the administration of official linkage agreements between UT and institutions of higher education in other countries.

Programs Abroad: The University of Tennessee strongly encourages students to undertake a semester, summer or academic year of study outside of the United States. Time spent abroad increases a student's ability to understand another culture, helps them better understand their own country and its place in the world, and enhances their resume. In addition, students gain confidence as they successfully face the unique challenges of living abroad.

The Programs Abroad Office (PAO) can help students find an opportunity that meets their needs. Programs are available in many countries, vary in length from 10-days to a full academic year, and sometimes cost only a little more than it would cost to attend UT. Financial Aid can be used and credits transfer back to fulfill university requirements. Advanced planning helps assure that study abroad does not delay graduation.

In addition to formal study abroad, the PAO has information about other types of opportunities for graduate students to enjoy a significant international experience. These include volunteer programs, work-based experiences including teaching English abroad, internships, and experiential learning.

Students are encouraged to visit the PAO to learn more about the international opportunities available to them.

International Scholarships: CIE coordinates campus administration of such international grants and scholarships for students as the Fulbright, Rhodes, Marshall, David L. Boren NSEP, W.K. McClure, and provides information about other sources of funding for overseas study and research, including the Rotary Foundation and German Academic Exchange Service (DAAD) grants. CIE also administers the UT portion of the University of Bonn’s Transatlantic Summer Academy (TASA) for graduate students and upper-division undergraduates. Within its library on study, work and travel abroad, CIE has information on student summer job programs in seven countries.

International students and scholars: CIE provides information and assistance in matters relating to United States visa issues and U.S. Immigration and Naturalization Service regulations. It produces The Link, an on-line newsletter for UT's international students and scholars, and administers the insurance policy required of all international students at the University. International student advisors are available to discuss academic and personal concerns. Orientation programs conducted at the beginning of each semester facilitate adjustment to the campus and community, and provide essential information related to U.S. laws for international students.

The International House: The "I-House," 1620 Melrose Avenue, is CIE's on-campus social, recreational and programming center, which serves as a meeting place for international and U.S. students, faculty and staff.

Contacts: International students seeking admission to UT should contact directly the Office of Graduate Admissions, email: gsinfo@utk.edu. Contacts for general inquiries to CIE are cie@utk.edu, Tel. 865 974-3177, website: http://www.UTinternational.org. The I-House web address is http://web.utk.edu/~ihaus and the phone 865 974-4453.

Dining Services

UT Dining Services recognizes that campus dining is a large part of the college experience. Students have the choice of the following meal plan options depending on the type of dining desired. Meal plans are available to all students living on or off campus.
UNLIMITED ACCESS PLUS PLAN*

Unlimited Access means just that! Students may enter Presidential Court Cafe, Sophie’s Place, and Morrill Dining facilities as many times as they like and eat as much as they want, full meals or snacks. Students also receive $300 bonus bucks per semester.

THE ANY TEN PLUS PLAN**

Students choose up to 10 meals weekly that may be eaten at Presidential Court Cafe, Sophie’s Place, and Morrill Dining facilities. Students also receive $500 bonus bucks per semester.

UNLIMITED ACCESS PLAN*

This plan allows students to eat as much as they want as often as they like at Presidential Court Cafe, Sophie’s Place, and Morrill Dining facilities. Students also receive $100 bonus bucks per semester.

THE ANY TEN PLAN**

Students choose up to 10 meals weekly to be eaten at Presidential Court Cafe, Sophie’s Place, and Morrill Dining facilities. Students also receive $300 bonus bucks per semester.

THE VARSITY INN FIFTEEN PLAN+

Fifteen meals per week are provided to be eaten exclusively at Varsity Inn Dining. These 15 meals include breakfast, lunch, and dinner, Monday through Friday. Bonus bucks are not included with the Varsity Inn Fifteen Plan.

* Fees are paid on a per semester basis.
** Rates subject to final University approval.
+ Local sales tax is added to the price of off-campus meal plans.

Early Education Programs

The Child Development Laboratories, operated by the Child and Family Studies department within the College of Human Ecology, currently offer early education programs for young children ages six weeks to five years. The Child Development Laboratories are accredited by the National Academy of Early Childhood Programs, a division of the National Association for the Education of Young Children. For application and enrollment information, call (865) 974-0843.

The UT Child Care Referral Center, (865) 974-8911, offers free assistance in finding state-licensed child care in a 15-country area surrounding Knoxville.

Graduate Student Association

The Graduate Student Association is the organization that represents graduate and professional students at the University of Tennessee. Each graduate and professional program of study has a representative elected by the faculty. Students and the GSA President and Vice President are elected in the annual SGA elections. GSA has representatives on the various university-wide committees and also represents graduate and professional student concerns to the Graduate Council.

For more information on the GSA, call (865) 974-2373, email: gsa@utk.edu, or check the website at http://web.utk.edu/~gsa.

Hearing and Speech Services

The Hearing and Speech Center, located at the corner of Peyton Manning Pass and Phil Fulmer Way, offers complete diagnostic and treatment services to all University students with speech and language disorders/differences and/or hearing disorders. Services are available to any student who has paid the full University Programs and Services Fee or, if part-time, any student who has paid the optional student health service fee. A fee for special testing may be charged.

The Center serves as a clinical observation and education facility for students majoring in Speech-Language Pathology or Audiology. It also serves as a community hearing and speech center providing diagnostic and treatment services for persons of all ages exhibiting communication disorders/differences.

Housing

UNIVERSITY APARTMENTS

The University has provided excellent apartment facilities in several locations for married students with or without families. Apartments not needed to house married students are made available to single graduate and professional students. Information and application for these facilities may be secured from the Department of University Housing, 405 Student Services Building.

RESIDENCE HALLS

The Department of University Housing provides housing on-campus for single graduate students. Graduate students are given the same priority for housing in residence halls as undergraduate students. All of the residence halls are conducive to academic achievement and personal development. However, many graduate students choose to live in Melrose or the Apartment Residence Halls, since they remain open between the Fall and Spring semesters. Melrose Hall is arranged into smaller communities of six to ten students with personalized responsibility emphasized. The Apartment Residence Hall provides apartment-style living for four students. An attempt is made to assign graduate students together to the extent possible. It is the responsibility of each resident to maintain the apartment to University standards. Applications and further information can be obtained from the Department of University Housing, 405 Student Services Building.

A limited number of Assistant Hall Director positions are available for single graduate students. This position assists the Hall Director in coordinating and supervising all aspects of the hall operation. This is a live-in position with part-time responsibilities for a nine-and-a-half month period. For additional information, contact the Department of University Housing at 974-2571.

OFF-CAMPUS HOUSING

A list of off-campus housing available to students is provided by the Department of University Housing, 405 Student Services Building. This list may be found at the University Housing website at http://web.utk.edu/~reshalls. The University does not inspect or approve these facilities. The terms and conditions for the rental of off-campus housing are between the student and the landlord. Students living in off-campus housing are expected to observe the same rules of conduct and standards applicable to all students.

Minority Student Affairs

The Office of Minority Student Affairs is housed in a two-story, free standing structure—the Black Cultural Center. The office serves as a link between the University and its minority student population. The Office, located at 1800 Melrose Avenue, provides academic, educational, social and cultural programs to assist with the academic performance and retention of African-American students. Programming through the Office includes mentoring programs for freshmen and upperclassmen, academic support, leadership opportunities, graduate networking, and workshops for all students on a variety of academic, intellectual, and
social topics. Through the Office, students learn to share ideas and embrace a sense of community.

Office of Disability Services

The Office of Disability Services (ODS) is committed to providing equal opportunities for students and employees with disabilities at the University of Tennessee. The primary objective for the office is to eliminate accessibility barriers to provide individuals with disabilities equal access to academic, social, career, cultural and recreational opportunities offered within the university.

To ensure that services are provided in a timely manner, prospective students with disabilities are encouraged to contact ODS one month prior to the semester in which they plan to attend. Contact with the students prior to registration enables the ODS staff to better assess the need for interpreters, readers, accessible facilities, and other support services. Van service is also provided to those individuals with mobility limitations, whether permanent or temporary. Documentation of the disability within the past 3 years from an attending physician or psychologist is required.

To contact the office, call (865) 974-6087, fax (865) 974-9552 or e-mail: ods@tennessee.edu. Visit the website at http://ods.utk.edu.

Religious Resources

The University, established by a government that recognized no distinction among religious beliefs, seeks to promote no creed nor to exclude any. However, it will always be diligent in promoting the spiritual life of its students in part through its work with the Campus Ministers Council.

Student Counseling Services Center

The Student Counseling Services Center (SCSC) provides services designed to help students with educational, vocational, personal, and social problems. Professional counselors work with students in a setting that allows for confidential discussion of concerns. Services include: crisis intervention, group therapy, individual therapy, academic classes, consultation with faculty/staff/students, and various workshops and presentations.

To access services, students may come to the center during walk-in hours Monday-Friday from 10:00-11:30 a.m. and 1:00-3:30 p.m. If schedules will not accommodate these times, students can call the Center to schedule some other time. Anyone experiencing a crisis during the week is seen immediately between 8:00 a.m. and 5:00 p.m. After these hours, students are encouraged to go to the UT Medical Center emergency room.

The Center is located at 900 Volunteer Blvd. and can be reached at 974-2196 or see our web page at http://web.utk.edu/~counsel/.

Student Health Service

Health services provided by the University are available to any student who has paid the health fee (either through paying the full University Programs and Services Fee or, if taking fewer than 9 hours but at least 3 hours, paying the optional health fee). These outpatient services are available continually throughout every term.

The Health Service has a regular staff of primary care physicians, nurses, laboratory and x-ray technicians of Tennessee licensure. Outpatient services in the fields of family practice, internal medicine, pediatrics, sports medicine and psychiatry are available on a full-time basis while specialty consultants in dermatology, physical therapy, surgery and gynecology are available on campus through referral by a staff physician. Care beyond that provided by the regular staff can be arranged. Those students requiring allergy injections may arrange to receive them at the Clinic.

Students traveling abroad may receive information, health alerts, and immunizations through the Travel Clinic (974-8647). Most medical services at the campus clinic are provided to eligible students at no additional cost.

The primary clinic at 1818 Andy Holt Avenue maintains scheduled daytime hours Monday through Friday. While urgent-care needs may be handled on a walk-in basis, appointments should be made in most instances (appointment line: 974-3648). After-hours care (nights, weekends, and holidays) is available, at reduced rates, through the emergency room at The University of Tennessee Memorial Hospital. Transportation service for the campus is provided by the Campus Police and the Escort Van Service.

The State of Tennessee requires that all students born after January 1957 provide proof of immunization with two doses of Measles, Mumps and Rubella vaccine for attendance to all universities and colleges. This documentation must be provided to the Student Health Service. In addition, the University of Tennessee Student Health Service recommends that entering college students assure immunity to Tetanus/ Diphtheria, Polio, Hepatitis B, and Chicken Pox. The American College Health Association recommends that students, particularly freshmen living on campus, consider receiving meningitis immunizations.

Students requiring hospitalization are generally admitted by an appropriate specialist to The University of Tennessee Medical Hospital. Other arrangements are desired. Since inpatient care is sometimes necessary, it is important for the student to have hospitalization insurance.

Student group health insurance is available and may be purchased at the beginning of each term.

Health Service personnel will cooperate with students and family physicians in ensuring the continuity of quality health care during the university career.

Vehicle Operation and Parking

The University of Tennessee endeavors to provide adequate facilities for vehicles operated by students and staff. However, areas available for parking are limited. To reduce traffic congestion within the campus area, large student parking areas are located on the perimeter of the campus. Free bus service is provided from the Main Campus to the Agricultural Campus and perimeter lot located off Concord Street behind Tyson Park. Also, bus service is provided to University Apartments at a nominal fee.

Each person who operates a motor vehicle in connection with attendance or employment at the University must register that vehicle with the Parking Services Office. There is no charge for vehicle registration; however, a parking permit is required for parking on all University lots, streets, parking structures, or leased lots with the following exceptions:

1. Staff and students with current UT parking permits may park in unreserved staff areas from 5 p.m. to 3 a.m. After this time, vehicles without permits for these areas may be towed.

2. Parking is not permitted in the Student Commuter Parking Areas nor in the Student Aquatic Center Parking Area between 3 a.m. and 6 a.m. except by special permit.

3. At times, certain areas will be reserved for parking for special events, such as athletic events, conferences, etc. Parking for these events will be by special parking permit for the specific event.

A University Traffic and Parking Authority determines parking policy, traffic regulations, and fees. This information is published each year in the “University Traffic and Parking Regulations”, and is available at the Parking Services Offices located in Room 24 of the University Center and at 2121 Stephenson Drive. Information is also available from Campus Information Center at Circle Park.

Women’s Center

The Women’s Center provides essential informational and referral services to UT students and faculty. The library’s specialized collection provides books, journals, and brochures about issues and concerns of women from both a current and historical perspective. Information is available on a variety of topics including racism, violence against women, spirituality, and sex roles. The Women’s Coordinating Council is the programming branch of the Center responsible for educational, social, and cultural events pertaining to women’s issues. The Women’s Center is located in 301 University Center. If you need more information or are interested in volunteering, please call 974-1029.
College of Agricultural Sciences and Natural Resources

C. A. Speer, Dean
Mary Lewnes Albrecht, Associate Dean
Thomas H. Klindt, Associate Dean
C. Roland Mote, Assistant Dean

Departments
- Agricultural and Extension Education
- Agricultural Economics
- Animal Science
- Biosystems Engineering and Environmental Science
- Entomology and Plant Pathology
- Food Science and Technology
- Forestry, Wildlife and Fisheries
- Plant Sciences and Landscape Systems

The College of Agricultural Sciences and Natural Resources began in 1869 when the University was designated as Tennessee’s Federal Land-Grant Institution. As such, the University was enabled for the first time to offer instruction in agriculture. Graduate instruction began as early as 1889. The College is not only an academic unit of The University of Tennessee but is (with the Agricultural Experiment Station, the Agricultural Extension Service and the College of Veterinary Medicine) one of the four units of The University of Tennessee’s Institute of Agriculture.

There are many shared resources and positive interactions between various units of the Institute. Most of the faculty in the College of Agricultural Sciences and Natural Resources hold joint appointments in the Agricultural Experiment Station and are actively involved in significant basic and applied research in agriculture and the associated natural resources. On campus and field research laboratories are utilized in the instructional programs of the College; extension and research activities provide many students excellent opportunities. The Agricultural Experiment Station provides graduate research assistantships to support graduate students.

The unique association the College has with UT and the other units of the Institute of Agriculture makes it possible for the College to offer comprehensive high quality graduate programs.

The graduate student is expected to demonstrate a thorough knowledge of the subject matter in his/her specialized field of study and its relationship to the sociological, economic, and environmental impact on society. The student must demonstrate the ability to plan, conduct, analyze, and report original research. Emphasis is given to intellectual growth and the development of scholarly habits of study, reasoning and analysis so that the graduate will continue to grow and develop professionally throughout his/her career.

MASTER OF SCIENCE PROGRAMS

Programs of graduate study leading to the Master of Science degree are offered through all departments in the College of Agricultural Sciences and Natural Resources. The graduate program may be entirely in one major subject or may include subject matter areas related to the major.

Both majors and minors are available in Agricultural Economics, Agricultural and Extension Education, Animal Science, Biosystems Engineering, Biosystems Engineering Technology, Entomology and Plant Pathology, Food Science and Technology, Ornamental Horticulture and Landscape Design, and Plant and Soil Sciences. Majors only are available in Forestry and Wildlife and Fisheries Science, and minors are available in General Agriculture. The minor in General Agriculture requires 12 hours of coursework. A complete listing of majors is shown on the Majors and Degree Programs Chart.

DOCTORAL PROGRAMS

Graduate study leading to the Doctor of Philosophy degree with majors in Animal Science, Biosystems Engineering, Food Science and Technology, and Plant and Soil Sciences is offered in the college.

College of Architecture and Design

Marleen Davis, Dean
Max A. Robinson, Director
Jon P. Coddington, Graduate Program Head, Architecture

Schools
- Architecture

The graduate program in architecture is a relatively new program, with its first class entering in 1993. However, the School of Architecture, with its professional Bachelor of Architecture program, celebrated its thirty-fifth birthday in 2000. In addition to the undergraduate and graduate programs in architecture, the College also offers an undergraduate degree in interior design. All professional programs in the College are fully accredited, enabling graduates to pursue licensure throughout the U.S.

The graduate program in architecture is a first professional degree program. It is designed to accommodate students who come from a variety of academic backgrounds and interests. This includes students who have had little or no previous formal study in the field of architecture but have discovered a deep and abiding interest in the subject. The program also accommodates students who have received an architectural education but have not completed the requirements for a professional degree. These students may receive some advanced standing in the program.

In the U.S., most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole

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agencies authorized to accredit U.S. professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Master's degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

UT's Master of Architecture program received a full five-year accreditation as a result of its last NAAB accreditation review. The graduate program in architecture defines architecture broadly as the creation of human habitats. Architecture at Tennes-see is more that the design of individual buildings. Rather it is dedicated to the shaping of community in the fullest sense of the word. The curriculum reflects the program's recognition that architecture is fundamentally shaped by environmental and cultural forces. As such, the humanities, social sciences, arts, and applied sciences are all brought to bear on the discipline of architecture. It is through design that such issues can be thoughtfully explored and given physical form. Thus design plays a central role in this comprehensive and creative process.

As a professional program, the College is committed to help students obtain the requisite knowledge and skills needed to enter and fully participate in the profession of architecture. At the same time, it attempts to maintain a wide vision and critically reach beyond the profession without losing contact with the realities of everyday architectural practice. Designed to be challenging and provocative, the program allows students the opportunity to develop discernment and judgment, enabling them to find their own voices as designers who are accountable contributors to the built environment.

The offices of the dean and other college staff are located at 2178 Art and Architec-ture Building.

College of Arts and Sciences

Lorayne Lester, Dean
Don Richard Cox, Associate Dean
Susan Martin, Associate Dean
Stuart Riggsby, Associate Dean

Departments

Anthropology
Art
Audiology and Speech Pathology
Biochemistry and Cellular and Molecular Biology
Botany
Chemistry
Classics
Computer Science
Ecology and Evolutionary Biology
English
Geography

Geological Sciences
History
Life Sciences
Mathematics
Microbiology
Modern Foreign Languages and Literatures
Music
Philosophy
Physics and Astronomy
Political Science
Psychology
Religious Studies
Sociology
Theatre
Urban and Regional Planning

Facilities for Research and Service
Center for Applied and Professional Ethics
Center for Environmental Biotechnology
Center for Psychoanalysis and the Humanities
Center for Quaternary Studies of the Southeastern U.S.
Center for the Study of War and Society
Child Behavior Institute
Forensic Anthropology Center
Hearing and Speech Center
Institute for Applied Microbiology
Institute for Resonance Ionization Spectroscopy
Joint Institute for Heavy Ion Research
Psychological Clinic
Science Alliance
Social Science Research Institute

The University of Tennessee began as a liberal arts institution. Before the turn of the century, less emphasis was placed on the liberal education. However, the liberal arts continued to thrive, emerging as a college in 1904. Thus, the College of Liberal Arts (now known as the College of Arts and Sciences) is one of the oldest established colleges in the University.

The College of Arts and Sciences consists of a wide array of academic disciplines and interdisciplinary programs. The central purposes of a liberal education include the encouragement of intellectual tolerance, a dedication to the quest for knowledge as a worthwhile goal in and of itself, and the cultivation of a responsible, creative individual mind. These qualities enable one to develop an ability to reason and to express oneself clearly, an incentive to absorb emerging knowledge, and a competence to confront the uncertainties of human experience. Faculty research and creative activity is the foundation on which education in this College is built. As a result of that endeavor, the lives of students are enriched and the world's body of knowledge grows.

The College of Arts and Sciences offers programs in twenty-seven academic disciplines leading to eight advanced degrees: M.A., M.S., M.F.A., M.Math., M.Music, M.P.A., M.S.P., and Ph.D. See the Majors and Degree Programs chart for specific majors and degrees.

GENERAL INFORMATION

Foreign Study Courses
Foreign study courses offered in some departments of the college provide an opportunity to undertake independent study outside the United States. Prior to departure the student must have a plan of study approved by the department head and a supervising faculty member of the department concerned. Credit will be given only upon fulfilling all requirements set by the department and may vary from 1-15 hours. The maximum credit that may be applied toward a degree in the college is established in each individual case by the department in which the student is working.

Off-Campus Study
Recognizing that learning is not restricted to formal classroom situations, the college allows students to earn credit toward graduation for approved off-campus study. Such study may be undertaken only with prior approval of the faculty member and the department concerned. It may include certain kinds of work experiences, community involvement, or political campaigns. Credit per semester will vary from 1-15 hours. The maximum credit that may be applied toward a degree in the college is established in each individual case by the department in which the student is working.

Independent Study
Certain educational goals may best be met through independent study by an individual under the direction of a faculty member. Students who wish to do such independent work should obtain the approval of the faculty members and the departments concerned prior to embarking upon their study. Credit per semester will vary from 1-15 hours. The maximum credit which may be applied toward a degree in the college is established in each individual case by the department in which the student is working.

College of Business Administration

Jan R. Williams, Dean
David W. Schumann, Associate Dean for Research and Technology
Sarah F. Gardial, Assistant Dean, Full-Time MBA Program
Patricia Postma, Assistant Dean, Center for Executive Education
William F. Fox, Director, Center for Business and Economic Research
John E. Riblett, Director of Executive Development Programs

Departments

Accounting and Business Law
Economics
Finance
Management
Marketing, Logistics and Transportation
Statistics

Facilities for Research and Service
Center for Business and Economic Research
Center for Executive Education

The College of Business Administration was originally the School of Commerce,
forms may be obtained in any of the (GMAT or GRE) admission test. Application tuition as well as a monthly stipend. Awards through the departments of the College. assistantships that require from 10 to 20 FINANCIAL ASSISTANCE

programs are under the appropriate
and the Ph.D. in Business Administration, are
and the Master of Business Administration.
B.B.A., Economics, Industrial and Organizational Psychology,
offers programs leading to five advanced
GRADUATE PROGRAMS

Graduate programs of the College of
management by integrating the principles of
management. Interdisciplinary partnerships are
with University academic units and with the private sector, enhancing the
College places central importance on
development of students' thought processes and leadership potential. Emphasis is
focused on flexibility of mind, receptivity to
research, and capacity to adapt one's reasoning powers. Our objective is to
courage the student to develop the ability to reason analytically and logically, and to
develop a commensurate plan of action.

Above all else, we strive to instill the
irrepressible desire to continue to learn and
grow in knowledge throughout the student's life.

The College of Business Administration has made a commitment to total quality
management. The Department of Business
process control throughout the graduate
curriculum. Interdisciplinary partnerships are
encouraged among academic units in the
with other University academic units and
the process of inquiry and critical thinking which is
crucial to total quality management.
The College of Business Administration is
fully accredited by the American Assembly of
and with the College of Business.
The doctoral program was initiated in 1974.
A chair of excellence was established in 1987
to support a distinguished professorship in
science, technology, and medical writing.

Communications media and interpersonal
communications are vital forces in today's
complex society. Specialization, gaps among segments of society, and the nature of world
conflict point to the need for more understanding of human communication.
Educating men and women in the perceptive understanding of the communications field is
necessity. The graduate programs in the
College acquaint students with the nature of communications and prepare them for
professional work in many fields.
The College of Communications offers the
Master of Science and the Doctor of Philosophy degrees with a major in Communications.

In addition, Communications is available as
a minor for students majoring in other departments. Required coursework will be
selected after discussion with the major advisor and an advisor from the College of
Communications.
The M.S. program is accredited by the
Accrediting Council on Education in Journalism and Mass Communication. The College is
a member of the Association of Schools of
Journalism and Mass Communication and the
Broadcast Education Association.

For application forms and other information
about the M.S. and Ph.D. programs in
Communications, write to Associate Dean for
Graduate Studies, College of Communications, 426 Communications Building, The
University of Tennessee, Knoxville, TN 37996-0347.

College of Communications

Dwight L. Teeter, Jr., Dean
C. Edward Caudill, Associate Dean for
Graduate Studies
Eric Haley, Associate Dean for Undergraduate
Studies

Departments and Schools
Advertising
Broadcasting
Journalism and Public Relations
Speech Communication

Facility for Research and Service
Communications Research Center (CRC)

The College of Communications grew out of
the School of Journalism, which was
originally located in the College of Business
Administration. The Department of Speech
Communication became part of the College of
Communications in 1997. The master's program began in 1968 under Journalism and
was changed to Communications after the
School gained College status in 1970. The
doctoral program was initiated in 1974.
A chair of excellence was established in 1987
to support a distinguished professorship in
science, technology, and medical writing.

Communications media and interpersonal
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complex society. Specialization, gaps among segments of society, and the nature of world
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Communications, write to Associate Dean for
Graduate Studies, College of Communications, 426 Communications Building, The
University of Tennessee, Knoxville, TN 37996-0347.

College of Education

C. Glennon Rowell, Dean
Thomas W. George, Associate Dean for
Academic Programs and Administration
Lynn C. Cagle, Associate Dean for Profes-
sional Licensure Programs, Instructional Support and Faculty Development

Departments
Counseling, Deafness and Human Services
Educational Administration and Cultural Studies
Educational Psychology
Exercise Science and Sport Management
Instructional Technology, Curriculum and Evaluation
Theory and Practice in Teacher Education

Facilities for Research and Service
Bureau of Evaluation, Research, and Service
Center for Literacy Studies
Center for Physical Activity and Health
Center on Deafness
Curriculum Lab
Exercise Physiology Lab/Biomechanics Lab
Institute for Assessment and Evaluation
Institute for Educational Innovation
Instructional Services Center
Reading Center
Tennessee Internship Consortium in
Professional Psychology

Education programs were first offered at
the graduate level in 1905 by the School of
Education. Through the Summer School of
the South, the programs thrived, and the
School became a College in 1926. The Ed.D.
program was established in 1950, and the
The College of Education, as a profes-
sional school, promotes critical inquiry,
reflection, and social action through
interdisciplinary studies. Its graduates are
prepared to work in a changing, multicultural
world in leadership roles in educational
programs and institutions, health and social
institutions, and private and corporate
sectors. The College is committed to
providing lifelong learning for both faculty
and students by promoting courses of study
that involve students and faculty in academic
peer relationships that stress shared
responsibility for learning and for the
discovery of new knowledge. The faculty is
committed to research, scholarship, and
creative work that results in superior
teaching and service to the community and to
the professions. The College is committed to
work towards equity and economic and
social justice within the University community
and throughout the broader society.
The College of Education is fully accred-
ted by the Southern Association of Colleges
and Schools. All teacher education and
school-related licensure and degree
programs are fully accredited by the National
Council for Accreditation of Teacher
Education (NCATE) and the Tennessee State
Department of Education. Specific program
accreditations are found under the respec-
tive Fields of Instruction.
Master of Science Programs

On the master’s level, professional study may be planned (1) in one of the areas listed on the Majors and Degree Programs chart, (2) in appropriate combinations of these areas, or (3) in combinations of one or more of these areas with appropriate subjects or areas in other colleges.

Students in the College of Education’s Track 2 master’s programs (i.e., five-year teacher preparatory programs) must gain admission to graduate study before enrolling in internship.

Degree program requirements are described under Education, Fields of Instruction.

Specialist in Education Program

The College of Education offers a program leading to the Specialist in Education with a major in Education.

Degree program requirements are described under Education, Fields of Instruction.

Doctoral Programs

The College of Education offers programs of advanced study leading to the Doctor of Education and the Doctor of Philosophy, both with a major in Education.

Degree program requirements are described under Education, Fields of Instruction.

Teacher Licensure

Applicants for initial teacher licensure must gain admission to the college’s Teacher Education Program. Further details concerning the teacher licensure program are described under Education, Fields of Instruction, and are available through the College of Education Student Services Center (Claxon Complex 332).

Title II, HEA Compliance

As required by Title II of the Higher Education Act [Sections 207(f)(1) and 207(f)(2)], the College of Education publishes annually the results of professional licensure tests mandated by the Tennessee State Board of Education and the State Department of Education.

Title II specifically requires higher education institutions that prepare teachers, principals and other P-12 support personnel to report publically the percentage of candidates who pass licensure specialty examinations. The law also requires disclosure of the statewide pass rate which includes all institutions offering preparation programs. For the 2000-2001 reporting period, University of Tennessee licensure candidates achieved a 98% pass rate. The statewide pass rate was 91%.

Questions concerning the above information should be directed to the Associate Dean for Professional Licensure, College of Education, The University of Tennessee, Knoxville, TN.

College of Engineering

Fred D. Tompkins, Interim Dean
Fred Gilliam, Associate Dean, Academic Affairs
Luther R. Wilhelm, Interim Associate Dean, Administration

Departments
- Chemical Engineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- Industrial Engineering
- Materials Science and Engineering
- Mechanical, Aerospace, and Biomedical Engineering
- Nuclear Engineering

Facilities for Research and Service
- Measurement and Control Engineering Center
- Center of Excellence for Materials Processing
- Maintenance and Reliability Center

The College had its beginnings in the University when surveying was introduced into the curriculum in 1838. The first two professional degrees, Civil Engineer and Mining Engineer, were established in 1879 at the same time that the Board of Trustees authorized the establishment of a graduate school. Known as Mechanic Arts originally, Engineering became a college in 1904.

The purpose of the College of Engineering is to educate men and women to the high levels of research, technical competence, and social understanding that will enable them to fulfill their responsibilities as professional engineers.

Graduate programs of the College of Engineering provide opportunities for advanced study leading to the Master of Science and the Doctor of Philosophy degrees. For a listing, consult majors and degrees available on the Majors and Degree Programs chart. For additional information, visit the College of Engineering website at http://www.engr.utk.edu/coe/graduate.

Graduate Program at the UT Space Institute

At the University of Tennessee Space Institute near Tullahoma, graduate-level courses are offered in engineering fields such as aerospace, chemical engineering, electrical engineering, engineering science, industrial engineering including engineering management, materials science and engineering, mechanical engineering, and mathematics and physics. All programs lead to the Master of Science degree. Also, Ph.D. programs are available in many of these fields. Information may be obtained from the Registrar, The University of Tennessee Space Institute, Tullahoma, TN 37388.

College of Human Ecology

James D. Moran III, Dean
Delores Smith, Assistant Dean

Departments
- Child and Family Studies
- Consumer and Industry Services
- Management
- Health and Safety Sciences
- Human Resource Development
- Nutrition

Facilities for Research and Service
- Center of Excellence for Materials Processing
- Child Development Laboratories
- Nutrition Institute
- Small Animal Research Laboratory
- Textiles and Nonwovens Development Center
- Tourism Institute

Human Ecology brings together the natural and social sciences to enhance the well-being of individuals, families and communities across the life span. The college seeks to be recognized for providing the highest quality science-based programs that serve as a benchmark of excellence.

The University of Tennessee was one of the first institutions of higher education in the South to offer home economics, with the first class being offered in 1897. Initially called a School of Home Economics, it combined with Agriculture in 1947 to become the College of Agriculture and Home Economics. In 1959, the two colleges became separate units, although they continue to share resources. In 1985 the name was changed to Human Ecology, reflecting its focus on people interacting with their environments.

Graduate study in Human Ecology prepares the student for teaching, research, and public service in colleges and universities, as well as managerial positions in government, business, and industry.

The Master of Science degree is offered with majors in Child and Family Studies, Health Promotion and Health Education, Human Resource Development, Nutrition (including public health nutrition), Recreation, Tourism and Hospitality Management, Safety, and Textiles, Retailing and Consumer Sciences; the Master of Public Health degree is offered with a major in Public Health; and the Doctor of Philosophy degree is offered with a major in Human Ecology and concentrations in child and family studies, community health, human resource development, nutrition science, retail and consumer sciences, and textile science. For additional information, contact the Associate Dean, College of Human Ecology, The University of Tennessee, Knoxville, TN 37996-1900, (865) 974-5224.

Facilities for Research and Service

The Small Animal Research Lab, housed in the Jessie Harris Building, has received certification by the American Association for Accreditation of Laboratory Animal Care (AAALAC). It has strict environmental...
controls, an operating theater and diet preparation room.

The College of Human Ecology participates with the College of Engineering in the Center of Excellence for Materials Processing. These research efforts in Textile Science are also supported by the Textiles and Nonwovens Development Center (TANDEC).

The Child Development Laboratory (CDL) serves as a research and training facility for students in the College.

The mission of the Institute of Tourism and Leisure Industries is to serve as a catalyst for stimulating economic growth by providing a medium through which tourism and leisure industries can collectively develop and focus on strategies that will address how to improve the economic climate and overall quality of life in the region.

The Nutrition Institute provides a communication link for all efforts in nutrition sciences, coordinates collaborative research efforts and provides a forum for interchange with the larger nutrition community.

Refer to the section on Facilities for Research and Service for additional information.

College of Law
Thomas C. Galligan, Jr., Dean
John L. Sobieski, Jr., Associate Dean
Rachel E. Inman, Assistant Dean

The University of Tennessee College of Law commenced operation in 1890 and has continuously sought to provide high-quality legal education in a university community. While the principal objective of the college is to prepare students for the private practice of law, its total mission is more broadly conceived. The college exposes students to the legal issues of our society enabling them to develop analytical skills with a respect to decisional law and statutes, the ability to communicate effectively the knowledge of the law, an awareness of the historical growth of the law, a knowledgeable appreciation of the interrelationship of law and society, and the ability to use law as an implement of societal control and development. Students are thus equipped to serve their communities not only as advocates and counselors, but as policy makers and active, responsible citizens.

THE PROFESSIONAL PROGRAM

The program of the college has three dimensions: teaching and learning, research into and appraisal of our legal systems and institutions, and service to the community. Each plays a significant role in the college as a modern law center.

The teaching and learning element of legal education at the college involves a cooperative classroom interaction between faculty and students in the analytical study of a host of questions and problems found in today's legal profession. These involve decisional law, statutory interpretation, administrative regulation, techniques of trial and appellate advocacy, and the roles and responsibilities of the lawyer in advising and representing clients. While proper consideration is given to the problems of Tennessee law, the course of study is conducted with a view toward providing an awareness and understanding of the regional and national perspective to prepare students for service in any state.

The college is also directly involved in providing service to the community. A major element of public service is centered in the Legal Clinic where students, under the guidance of skilled and experienced licensed practitioners, provide legal services to clients. Additionally, through research, consultation, and other services to legal institutions and groups within the state, the college seeks to participate in the development and improvement of the society in which its students may eventually practice law.

In combination, the direction and objectives of the college lead to the development not of a narrow technicist, but of a student of the law with the perspective, breadth, and understanding necessary to accomplish the many tasks assigned by society to the legal profession.

GRADUATE PROGRAM

Two dual degree programs are available in conjunction with the College of Law: the J.D.-M.B.A. program with the College of Business Administration and the J.D.-M.P.A. program with the Department of Political Science. Refer to details under the respective field of instruction.

Graduate students in other disciplines may also take law courses upon approval of the College of Law and the major professor. See Law under Fields of Instruction.

College of Nursing
Joan Creasia, Dean
Carol Seavor, Associate Dean for Academic Affairs
Maureen Groer, Associate Dean for Research and Evaluation
Sandra McGuire, Director of Master's Program
Sandra P. Thomas, Director of Doctoral Program
Johnie Mozingo, Director of Undergraduate Program

Facilities for Research and Service
Center for Nursing Practice
Center for Nursing Research

The College of Nursing was established in July 1971. The master's program was initiated in 1976 and approval for the doctoral program was granted in 1988. More specific information about the programs may be obtained under Nursing, Fields of Instruction, or by contacting the Director of M.S.N. or Ph.D. Program, The University of Tennessee, College of Nursing, 1200 Volunteer Blvd., Knoxville, TN 37996-4180, (865) 974-4151.

MASTER OF SCIENCE IN NURSING

The general purpose of the M.S.N. program is to prepare nurses at the graduate level to function as advanced practitioners, teachers, or managers in a variety of health care or educational settings. The program is accredited by the National League for Nursing Accrediting Commission that may be contacted at 61 Broadway, New York, NY 10006, Tel: 1-800-669-9656, and is unconditionally approved by the Tennessee Board of Nursing. Students admitted to the program select a concentration in adult health nursing, family nurse practitioner, mental health nursing, nurse anesthesia, nursing administration, and nursing of women and children.

THE DOCTORAL PROGRAM

The College of Nursing offers a doctoral program leading to the Ph.D. with a major in Nursing. The doctoral program prepares nursing scholars capable of integrating research, theory, and practice into their roles as researchers, educators, and/or administrators. This unified program offered jointly with The University of Tennessee, Memphis College of Nursing enables students to complete all or part of the program at either site. The dissertation must be completed in its entirety at one site.

College of Social Work
Karen Sowers, Dean
Colleen Galambos, Acting Associate Dean, Nashville
David R. Dupper, Associate Dean, Knoxville
Hugh Vaughn, Associate Dean, Memphis
Paul M. Campbell, Director, Office of Social Work Research and Public Service
Charles Gilsson, Director, Children's Mental Health Services Research Center

The College of Social Work began as the Nashville School of Social Work, founded in 1942 under the auspices of Vanderbilt University, Scarritt College, and George Peabody College. It joined the University of Tennessee in 1951. By 1974 the three branches, located in Nashville, Memphis and Knoxville, offered the two-year master's program. The doctoral program was inaugurated in 1983. In 1985 the B.S.W. program was added, and the School achieved college status.

The University of Tennessee College of Social Work is the only graduate professional social work education program in Tennessee and offers the full continuum of social work education degrees at the baccalaureate, master's and doctoral levels. Social work is a helping profession which focuses on providing skilled intervention in the prevention and amelioration of individual and societal problems. It is the purpose of the College to provide an education which fosters growth in both individual and career development.

GRADUATE PROGRAMS

The two-year program (thesis or non-thesis option) leading to the Master of Science in Social Work is fully accredited by the Council on Social Work Education and is offered on all three campuses. The foundation curriculum of the Ph.D. program is available only in Knoxville.

The College also offers a post-master's certificate program in management and community practice.
The Tennessee state school social work licensure program is available to currently enrolled M.S.S.W. students. Application materials are available from the College of Social Work, Henson Hall, Knoxville, TN 37996-3333, or at http://csw.utk.edu. Please specify M.S.S.W., Ph.D., or certificate program on the request.

The College of Veterinary Medicine, established in 1974, offers a professional curriculum leading to the Doctor of Veterinary Medicine (D.V.M.) degree. The college offers graduate studies leading to the Master of Science and the Doctor of Philosophy degrees. Residency training programs in the various clinical specialties are also offered.

The primary objective of the college is to enable students to attain essential information, skills, attitudes and behaviors to meet the varied needs of society and the veterinary profession. The professional curriculum provides an excellent basic science education in addition to training in diagnosis, disease prevention, medical treatment, and surgery. Graduates are qualified to pursue careers in the many facets of veterinary medicine and related health professions.

About two-thirds of the veterinarians in the United States are engaged exclusively in pet or companion animal practice. A growing number are concerned with the health problems of zoo animals, laboratory animals, wildlife, and aquatic species. A number of veterinarians are involved in the health care of food and fiber animals ensuring the supply of safe and healthy food.

Veterinarians also find rewarding careers in the U.S. Public Health Service, the Armed Forces, and in state, county, or local health agencies. A number of veterinarians are employed by the U.S. Department of Agriculture and by state departments of agriculture for important work in livestock disease control, meat and poultry inspection, serum and vaccine production, and the protection of our country against the importation of foreign animal diseases.

Excellent research opportunities exist for veterinarians--research directly benefiting animals and research conducted with animals which benefits humans. Such opportunities are available at colleges and universities and with governmental agencies, private research institutions and biological and pharmaceutical companies.

College of Veterinary Medicine
Michael J. Blackwell, Dean
James J. Brace, Associate Dean

Departments
Comparative Medicine
Large Animal Clinical Sciences
Microbiology-Veterinary Medicine
Pathology
Small Animal Clinical Sciences
Fields of Instruction

Accounting and Business Law
(College of Business Administration)

MAJORS DEGREES
Accounting ........................................... M.Acc.
Business Administration .......................... Ph.D.

THE MASTER OF ACCOUNTANCY PROGRAM

The objective of the M.Acc. program is to provide persons who have a high level of ability and motivation with the depth and understanding of accounting that will enhance their probability of success in a career in professional accounting. Moreover, the student’s educational experience should develop perspectives toward the discipline of accounting in a manner that will enable the student to spearhead innovation and change in response to needs in public accounting, industry, and government.

The M.Acc. degree program is a full-time, weekday program. The nature of the program precludes students from simultaneously working full-time outside of classes. UT’s accounting undergraduate and graduate programs are accredited by the American Assembly of Collegiate Schools of Business and are among the initial programs in the nation to receive this accreditation.

Admission Requirements
Application deadlines for international students are considered as space allows. The program precludes students from simultaneously working full-time outside of classes. UT’s accounting undergraduate and graduate programs are accredited by the American Assembly of Collegiate Schools of Business and are among the initial programs in the nation to receive this accreditation.

Admission Requirements
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completed prior to the start of the graduate program.

*As approved by the Director of the Master of Accountancy Program.

**Transfer Credits**
A maximum of six semester hours taken at other AACSB accredited institutions that otherwise conform to the transfer policy of the Graduate Council may be credited toward M.Acc. degree requirements.

**Other Requirements**
To qualify for the degree, a student must maintain a B average (3.0) or above in the program. The student must satisfactorily demonstrate his/her ability to recognize, analyze, and solve accounting policy problems and integrate concepts from the various areas of accounting by passing a comprehensive written examination. This examination is included in the capstone courses in each concentration as follows: 519 Seminar in Business Risk and Assurance Methodology and 539 Multi-Jurisdictional Tax Planning and Policy.

**BUSINESS ADMINISTRATION CONCENTRATION**
For complete listing of Ph.D. program requirements, see Business Administration. Ph.D. Concentration: Accounting. This degree provides a research-oriented terminal qualification for those seeking entry-level faculty positions in accounting. Students take approximately three years of coursework beyond the bachelor’s degree, including a doctoral sequence designed to expose students to various areas of accounting research. Courses in accounting and other areas are selected to supplement the student’s individual background and to prepare the student in an area of accounting specialization (financial, managerial, auditing, tax or systems). The final year is normally spent completing the doctoral dissertation.

Minimum course requirements are 12 hours including 611, 612, 619, and one other accounting course to be approved by Ph.D. accounting program advisor.

**ACADEMIC STANDARDS**
A graduate student in the College of Business Administration whose grade-point average falls below 3.0 will be placed on probation. A student on probation will be dropped from the program unless his/her cumulative grade-point average is 3.0 or higher at the end of the probationary period. The probationary period is defined as the next semester’s coursework as established by the degree program for full-time students and the next two semester’s coursework as established by the degree program for part-time students.

**ACADEMIC COMMON MARKET**
An agreement among southern states for sharing graduate programs allows legal residents of some states to enroll in certain programs at UT on an in-state tuition basis. The M.Acc. program in Accounting is available to residents of the state of West Virginia. Additional information may be obtained from the Administrative Services Assistant in the Office of Graduate Admissions.

**Accounting**

**GRADUATE COURSES**
415 Governmental and Nonprofit Accounting (3) Advanced study of governmental and nonprofit entities. Governmental accounting principles, revenues and expenditures, budgeting, and financial reporting. Accounting principles for reporting models of nonprofit organizations. Integration of economic and social issues with reporting standards for governmental and nonprofit business organizations. Prereq: Financial Reporting by Business and Nonprofit Organizations or consent of instructor.

451 Operational Auditing and Consulting (3) Approaches to evaluate an entity’s efficiency and effectiveness in a variety of settings and techniques used in consulting to provide entity competitive advantage.

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/NC only. E

506-07 Professional Accounting Practice I, II (3,3) Various advanced financial reporting and auditing topics to meet complex and changing needs of profession. Prereq: Admission to M.Acc. program.

514 Risk Management in Networked Business Environments (3) Security-, integrity-, and cost-management-oriented risks and control measures for various business systems and applications: centralized mainframe environments, distributed client/server environments, intranets/ extranets, electronic commerce, and ERP systems. Prereq: Admission to M.Acc. program or information management concentration, or consent of instructor. (Same as Information Management 511.)

516 Professional Standards (3) Basic standards and contemporary issues relevant to assurance providers. Actual practice cases to illustrate application. Prereq: Admission to graduate programs or consent of instructor. (Same as Information Management 511.)

519 Seminar in Business Risk and Assurance Methodology (3) Business risk and emerging methodologies used by assurance providers. Prereq: Admission to graduate programs or consent of instructor.

521 Seminar in Advanced Managerial Cost Accounting (3) Analysis of conceptual and current issues impacting on development and practice of managerial and cost accounting. Approaches to management accounting, decision and control models, and planning and control under conditions of uncertainty. Prereq: Cost and Managerial Accounting and admission to a graduate business program or consent of instructor.


532 Corporate Taxation and Reorganizations (3) Organization and structure, distributions, liquidations, reorganizations, and special problems in taxation of corporations and shareholders. Prereq: Admission to M.Acc. program or consent of instructor. Prereq or coreq: 531.

533 Taxation of Partnerships and S Corporations (3) Formation, operation, termination, and other special problems of partnerships, Election for S Corporations, and comparison of partnerships and S Corporations. Prereq: Admission to M.Acc. program or consent of instructor. Prereq or coreq: 531.

534 Family Tax Planning (3) Review and analysis of laws pertaining to inter vivos and post-mortem property transfers and taxation of estates. Financial planning techniques and strategies used to accomplish family tax planning objectives. Prereq or coreq: 531.

539 Multi-Jurisdictional Tax Planning and Policy (3) Analysis of international, state and local tax law as it pertains to business transactions. Identification of tax planning opportunities and design of strategies to accomplish tax planning objectives. Policy issues related to multi-jurisdictional taxation. Prereq or coreq: 531.

541 Database Systems (3) Design, implementation, and use of database systems for collection, organization, and distribution of economic information about organization. Prereq: Accounting Information Systems and admission to a graduate program or consent of instructor.

542 Electronic Commerce (3) Essential technological, strategic, and information security issues for conducting business-to-business and business-to-consumer electronic commerce. Effects of Internet on business and society. Prereq: 541 or Business Administration 506, or consent of instructor. (Same as Information Management 512.)

549 Systems Issues and Policies (3) Seminar in emerging topics in management systems and knowledge-based systems. Prereq: 541 and admission to a graduate program or consent of instructor. Prereq or coreq: 542.

592 Graduate Internship in Accounting (3) Full-time resident professional employment for one academic semester involving qualified job experience, written report of responsibilities, and evaluation of student performance. Prereq: Admission to M.Acc. program or consent of M.Acc. advisor.

593 Individual Research in Accounting (3) Directed research in topic of mutual interest. Prereq: Admission to M.Acc. program or consent of M.Acc. advisor. May be repeated. Maximum 6 hrs.

600 Doctoral Research and Dissertation (3-15) Prereq: Admission to a graduate program or consent of the advisor. May be repeated. Maximum 6 hrs.

611-12 Doctoral Seminar in Accounting (3,3) Analysis of issues reflected in accounting literature. Prereq: Consent of Ph.D. program advisor.

619 Doctoral Research in Accounting (3) Study of research methodology and application of various research methods in accounting literature. Prereq: Consent of Ph.D. program advisor.

621-22 Accounting Colloquium (1,1) Research and discussion of contemporary issues in practice of accounting. Prereq: Consent of Ph.D. program advisor. May be repeated. S/NC only.

693 Independent Study (3) Directed research in topic of mutual interest. Prereq: Admission to doctoral program with concentration in accounting. May be repeated. Maximum 6 hrs.

**Business Law**

**GRADUATE COURSES**
511 Business Law and Professional Responsibility (3) Legal framework and ethical implications of business transactions. Principles and practices in law of contracts, commercial transactions, real property, trusts, estates and professional responsibility. Prereq: Legal Environment of Business and admission to M.Acc. program or consent of instructor. Not available for students with credit for 401.

**Advertising**

(College of Communications)

**MAJOR**

**DEGREES**

Communications ............................. M.S., Ph.D.

Ronald E. Taylor, Head
Aerospace Engineering
See Mechanical and Aerospace Engineering

Agricultural and Extension Education

(College of Agricultural Sciences and Natural Resources)

MAJOR
Agricultural and Extension Education ...... M.S.

Richard Poling, Interim Head

Professors:
Lessly, Roy R. (Emeritus), Ed.D. .............. Oklahoma State
Poling, Richard L., Ph.D. ....................... Ohio State

Todd, John D. (Emeritus), Ed.D. ......... Illinois
Waters, Randol G. ( Liaison), Ph.D. .... Penn State

Morrison, Margaret, Ph.D. ................. Georgia

McMillan, Sally, Ph.D. ........................ Oregon

Hoefges, Michael, Ph.D. ..................... Florida

Waters, Randol G. ( Liaison), Ph.D. .... Penn State

Assoc Professors:

Lessly, Roy R. (Emeritus), Ed.D. .............. Oklahoma State

McMillan, Sally, Ph.D. ........................ Oregon

Boyd, Carter W., Ph.D. ............................ Kansas State

Boyd, Maureen L., Ph.D. ............................ Kansas State

Boyd, Vernon S., Ph.D. .............................. Kansas State

Waters, Randol G. ( Liaison), Ph.D. .... Penn State

Assistant Professors:

Lessly, Roy R. (Emeritus), Ed.D. .............. Oklahoma State

McMillan, Sally, Ph.D. ........................ Oregon

Morrison, Margaret, Ph.D. ................. Georgia

The Department of Advertising offers a concentration area for the master’s degree with a major in Communications and participates in the interdisciplinary doctoral program. See Communications for additional information.

GRADUATE COURSES

490 Special Topics (3) Topics vary: advanced media strategy, advanced creative strategy, direct marketing, and advertising and social issues. E

510 Advertising and Society (3) Analysis of advertising and institution in a free-enterprise democratic society and its relation to social, legal, cultural, and economic institutions. F

520 Advertising and Communications Theory (3) Application of contemporary communications theories of attitude change, information-processing, and persuasion as applied to creative strategy decisions. Prereq: Consent of instructor or admission to program. Sp

530 Advertising Research (3) Nature, scope, and applications of research function to advertising decisions. Market segmentation, copy appeals, media strategy. Prereq: Statistics 201 Introduction to Statistics or equivalent. Sp

540 Advertising Planning (3) Analysis of decision-making in budgeting, creative strategy, media strategy, research, evaluation, and agency-client relationships. Advertising response functions. Prereq: Consent of instructor or admission to program. Sp

597 Independent Study (3) Prereq: Consent of instructor. May be repeated. Maximum 6 hrs. E

500 Thesis (1-15) P/NP only. E

501 Creative Component in Lieu of Thesis (3) Capstone experience completed under supervision of major professor and committee. Individual project: literature survey; development of teaching software; development of curriculum materials: development of white paper; or other suitable project. Prereq: Consent of major professor. Non-thesis majors only. S/NC only. E

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/NC only. E

511 Extension History, Philosophy and Objectives (3) Historical and philosophical foundation of adult education in American agriculture, key figures, issues, legislative movement, farmer organizations and programs. Cooperative Extension Service, origin, legislation and growth and nature of present objectives and programs. Prereq: 211 Foundations of Agricultural and Extension Education or consent of instructor. Sp

521 Extension Program Planning and Evaluation (3) Theories and models of program development and evaluating the program; planning and conducting needs assessments; planning, organizing, implementing and evaluating extension education programs. Prereq: 211 Foundations of Agricultural and Extension Education, 511, or consent of instructor. Sp

522 Educational Technology in Agricultural and Extension Education (3) Advanced concepts and methods relevant to both formal and non-formal instructional methodologies. Processes by which professional change agents influence the introduction, adoption, and diffusion of technological change. Prereq: 435, 436 Student Teaching in Agricultural and Extension Education or consent of instructor. F

524 Research Methodology (3) Social science research methods related to research in agricultural and extension education. Issues: research design, reliability and validity in measurement, sampling procedures, logic of analysis, scaling and measurement, and selection and interpretation of appropriate inferential tests of significance. Prereq: 436 Student Teaching in Agricultural and Extension Education, 511 or consent of instructor.

525 Curriculum Development in Agricultural and Extension Education (3) Theories and principles of program development and procedures for developing curricula in agricultural and extension educational programs and scheduling learning activities used to implement these planned programs. Prereq: 435, 436 Student Teaching in Agricultural and Extension Education, or consent of instructor.

526 Agricultural Education for First-Year Teachers (2) Developing competencies needed by first-year teachers for planning, organizing and conducting programs of educational instruction in agriculture, and extension educational programs and scheduling learning activities used to implement these planned programs. Prereq: 435, 436 Student Teaching in Agricultural and Extension Education, or consent of instructor.

527 Adult Education Strategies in Agricultural and Extension Education (3) Methodology of developing and implementing educational programs for adults in agricultural and extension education and related contexts: different learning of adults and children (andrology vs. pedagogy); understanding and determining adult needs, priorities and motivation for participating in educational programs; adoption of new ideas by adult learners: methods and materials effective in teaching adults; developing favorable attitudes toward post-secondary education and life-long learning. Prereq: 211 Foundations of Agricultural and Extension Education, 511 or 346 Instructional Strategies for Teaching Agricultural Education or consent of instructor. Sp

530 Special Topics in Agricultural and Extension Education (1-3) Current issues. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs. E

532 Managing Organizations, Programs and Personnel (3) Theory and principles of management for individual and organizational effectiveness of agricultural organizations. Prereq: 511, 521, or consent of instructor. Sp

533 Agricultural Leadership Development (3) Identification of styles, roles of leadership; development of leadership techniques and skills required in working with organizations and youth groups, methods of resolving conflict, of communicating, of guiding and evaluating; ethical considerations for leaders. Prereq:
436 Student Teaching in Agricultural and Extension Education, 521 or consent of instructor.

540 Communications Techniques in Agriculture (3) Elements of effective use of mass media in agricultural and extension education. Effective technical writing and introduction to technologies used in contemporary communication: Internet/World Wide Web, presentation software, computer graphics/multimedia, and videoconferencing. Prereq: 436 Student Teaching in Agricultural and Extension Education, 521 or consent of instructor.

592 Internship in Agricultural and Extension Education (1-3) Practical field experience in selected setting under supervision of local practitioner and departmental representative. Prereq: Consent of instructor. Maximum 3 hrs. S/NC only. E

593 Special Problems in Agricultural and Extension Education (1-4) Special research and/or special reports based on supervised independent study. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs. E

Agricultural Economics

(College of Agricultural Sciences and Natural Resources)

MAJOR DEGREES
Agricultural Economics .................... M.S.

D. L. McLemore, Head

Professors: Badenhop, M. B. (Emeritus), Ph.D. ...... Purdue
Brooker, J. R. (Liaison), Ph.D. ............. Florida
Cleland, C. L. (Emeritus), Ph.D. ...... Wisconsin
Cross, T. L., Ph.D. .................. Oregon State
Eastwood, D. B., Ph.D. ................... Texas A&M
Hall, Charles R., Ph.D. ............... Mississippi State
Jensen, K. L., Ph.D. .................... Oklahoma State
Keller, L. H. (Emeritus), Ph.D. .......... Kentucky
Klingt, T. H., Ph.D. ..................... Kentucky
Leuthold, F. O. (Emeritus), Ph.D. ....... Wisconsin
McLemore, D. L., Ph.D. .............. Clemson
McManus, B. R. (Emeritus), Ph.D. ...... Purdue
Martin, J. A. (Emeritus), Ph.D. ......... Minnesota
Mundy, S. D. (Emeritus), Ph.D. ......... Tennessee
Orr, R. H., Ph.D. ..................... Illinois
Park, W. M., Ph.D. ...................... Virginia Tech
Pentecost, B. H. (Emeritus), J.D. ...... Tennessee
Rawls, E. L. Ph.D. ...................... Virginia Tech
Ray, D. E. (Blasingame Chair of Excellence), Ph.D. ................... Iowa State
Riley, J. B., Ph.D. ...................... Oklahoma State
Roberts, R. K., Ph.D. .................... Iowa State
Smith, G. F., Ph.D. ..................... Tennessee
Whaley, T. J. (Emeritus), Ph.D. .......... Purdue

Associate Professors: Barefield, D. A., Ph.D. .......... Texas A&M
Larson, J. A., Ph.D. .................... Oklahoma State
Yen, Steven T., Ph.D. .................... Minnesota

Assistant Professors: Bazen, Ernest F., Ph.D. .......... Kentucky
Clark, Christopher D., Ph.D. .......... Vanderbilt
De La Torre Ugarte, D. G., Ph.D. ................. Oklahoma State

Tiller, K. H., Ph.D. .................... Tennessee

The Department of Agricultural Economics offers a program of graduate study leading to the M.S. degree. The M.S. program may be completed under a thesis option with a concentration in agricultural economics. A non-thesis option is available with concentrations in agricultural economics or agribusiness. For specific information, contact the department head.

THE MASTER’S PROGRAM

A candidate for the master’s degree must complete a minimum of 30 hours of graduate credit in courses approved by the student’s master’s committee. At least 27 hours of graduate credit must be earned in courses numbered at or above the 500 level.

Agricultural Economics

The thesis option in agricultural economics is designed to prepare students for analytical and research careers in the public and private sectors, and to prepare students interested in entering a Ph.D. program. In the thesis option, 15 hours of agricultural economics, 6 hours of economic theory, 6 hours of quantitative methods, and 6 hours of thesis are required. Each student must pass a final oral examination.

In the non-thesis option, 24 hours in agricultural economics, 6 hours of economic theory, and 6 hours of quantitative methods are required. Each student must pass both written and oral comprehensive exams.

Agribusiness

The agribusiness concentration is designed to prepare students to succeed in the public or private sectors of agriculture, including product manufacturing and marketing, natural resource management, farm management, and financial analysis. Fifteen hours of agricultural economics, 3 hours of economic theory, 6 hours of quantitative methods, and 6 hours of thesis are required. Each student must pass both written and oral comprehensive exams.

MINOR

A minor will include 6 hours of course-work in the department, with at least 3 hours in 500-level courses. The student’s committee must include a member of the faculty from the department who will be responsible for designating courses required for the minor.

MINOR IN ENVIRONMENTAL POLICY

The department participates in a program designed to give graduate students an opportunity to develop an interdisciplinary specialization in environmental policy. See Economics for program description.

Agricultural Economics

GRADUATE COURSES

541 Agricultural Finance (3) Macro-finance, financial objectives, acquisition of debt and equity funds, capital investments, capital allocation, credit analysis, borrower and lender loan application analysis, insurance strategies, computer applications, kinds and sources of agricultural credit, and financial intermediation. Prereq: 212 The Agribusiness Firm and Economics 201 Introductory Economics. F

410 International Agricultural Trade and Marketing (3) Real and monetary aspects of international trade affecting the agriculture sector; international trade, partial equilibrium analysis of international trade in agricultural products; institutional aspects of international marketing of agricultural products. Prereq: Intermediate Agricultural Economics or consent of instructor. Sp

430 Agricultural Policy (3) Values, goals and policy process. Economic rationale and effects of policy. Historical development and current characteristics of commodity, credit, food, and trade policy. Prereq: Intermediate Agricultural Economics or consent of instructor. F

420 International Agricultural Trade and Marketing (3) Applications of advanced decision analysis concepts and tools to analyze management decision problems in farm and nonfarm agribusiness settings. Case study work on strategic planning; assessing cost structure using budgeting and break-even analysis; evaluating profitability, liquidity, and solvency using financial statements; analyzing investments using capital budgeting. Prereq: Farm Business Management or consent of instructor. F

442 Agribusiness Management (3) Applications of advanced decision analysis concepts and tools to analyze management decision problems in farm and nonfarm agribusiness settings. Case study work on strategic planning; assessing cost structure using budgeting and break-even analysis; evaluating profitability, liquidity, and solvency using financial statements; analyzing investments using capital budgeting. Prereq: Farm Business Management or consent of instructor. F

450 Agricultural Industry Analysis and Forecasting (3) Analytical tools for decision making in agricultural sector; analysis of commodity supply and demand conditions; economic modeling; market forecasting, analysis of temporal and spatial patterns. Prereq: Agricultural Microeconomics and Introduction to Statistics or consent of instructor. F

470 Natural Resource Economics (3) Nature of natural resources; economic efficiency as basis for natural resource use; factors influencing environmental quality; alternative public policy tools for influencing natural resource use; improving environmental quality. Prereq: Introductory Economics. Sp

500 Thesis (1-15) P/NC only. E

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/NC only. E

505 Microeconomic Analysis (3) Theory of utility maximization and demand, production, cost, firm behavior, and supply; price in product and factor markets; efficiency and welfare. Prereq: Calculus and Intermediate Microeconomics or equivalent. F

524 Econometric Methods in Agricultural Economics (3) Application of statistical methods to agricultural economic models; estimation of supply, demand, and production functions; microeconomic forecasting models; interpretation of results. Prereq: Regression and Correlation Methods or consent of instructor. F

525 Agribusiness Operations Research Methods (3) Applications of operations research methods and concepts for agribusiness. Theoretical background and applied considerations of each technique with emphasis on applications. Computer and other applications of each technique for selected agribusiness problems. Prereq: Basic Calculus and 524. Sp

530 Agricultural Policy Analysis (3) Evaluation of public policy as related to agricultural industry and rural areas. Prereqs: 505 and Economics 513 or consent of instructor. F

542 Advanced Agribusiness Production Decisions (3) Theoretical and empirical concepts in agricultural resource allocation; evaluation of both static and dynamic issues; decision theory with application to agricultural firms; aggregate impact of firm decisions on industry. Prereq: 505 or equivalent. Sp

550 Advanced Agribusiness Marketing (3) Use of economic concepts in agribusiness marketing decisions. Analysis of agricultural markets; buyer behavior in food and fiber markets; competitive environment. Profitability analysis of marketing and distribution decisions; market planning and strategy; product
evaluation and new product introduction; pricing decisions. Prereq: 505, Regression and Correlation Methods or equivalent. Sp

570 Advanced Natural Resource Economics (3) Analysis of natural resource allocation issues; applied welfare economics, external effects and evaluation of public policy. Prereq: 470 and Economics 511 or consent of instructor. F

593 Special Topics in Agricultural Economics (1-3) Topics to be assigned. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs. S/NC only. E

595 Professional Internship (6) Supervised internship experience with appropriate agribusiness firm.

Rural Sociology

GRADUATE COURSES

480 Technological and Community Change (3) Analysis of communication processes whereby new technology spreads within a farm population and analysis of social institutions related to change in rural communities. Prereq: Rural Sociology or consent of instructor. (Same as Sociology 480.) Sp

580 Advanced Rural Sociology (3) Application of sociological concepts and theory to analyze changing structure and function of rural life in U.S. and developing countries. Demographic changes, rural social and community indicators, and rural development processes. Prereq: 380 or equivalent. (Same as Sociology 580.) Sp

593 Special Topics in Rural Sociology (1-3) Current sociological issues involving application of sociological theory. Prereq: 380 or consent of instructor. May be repeated. Maximum 6 hrs. E

Agriculture and Natural Resources

(College of Agricultural Sciences and Natural Resources)

GRADUATE COURSES

507 Professional Development Seminar (1) Planning and executing graduate research programs, ethics and professionalism; graduate program procedures and resources. (Same as Animal Science 507, Biosystems Engineering 507, Biosystems Engineering and Technology 507, Food Science and Technology 507, Ornamental Horticulture and Landscape Design 507, and Plant and Soil Sciences 507.) S/NC only. F

512 Teaching Internship in Agriculture (1) Supervised experience in teaching: test preparation and evaluation of agriculture students. May be repeated. Maximum 2 hrs for M.S. students; 4 hrs for Ph.D. students.

Animal Science

(College of Agricultural Sciences and Natural Resources and College of Veterinary Medicine)

MAJOR DEGREES

Animal Science .................. M.S., Ph.D. Veterinary Medicine .................. D.V.M.

Kelly Robbins, Head

Professors: Barth, K. M. (Emeritus), Ph.D. ................. Rutgers Beil, M. C. (Emeritus), Ph.D. ......... Oklahoma State Blelner, J. K. (Emeritus), Ph.D. ............. Ohio State


Assistant Professors: Edwards, J. L., Ph.D. ................. Florida Pighetti, G., Ph.D. ............... Penn State Richards, C. J., Ph.D. ............... Kentucky

The Department of Animal Science offers graduate programs leading to the Master of Science and Doctor of Philosophy with a major in Animal Science. At the M.S. level, areas of concentration are animal genetics, animal health and well-being, animal management, animal nutrition, and animal physiology with orientation towards beef cattle, dairy cattle, swine, and poultry. The Ph.D. program offers areas of emphasis in animal genetics, animal health and well-being, animal nutrition, and animal physiology. For specific information, contact the department head.

It is recommended that all first-year graduate students enroll in 507 and 509. All first- and second-year students are required to enroll in 509 each fall and each spring term.

THE MASTER’S PROGRAM

For admission to the M.S. program, a student must have obtained a 3.0 grade-point average on a 4.0 scale (or a 3.0 each term during the junior and senior years) in a completed undergraduate degree program in one of the animal sciences or in a related area. The student must submit evidence (letters of recommendation, personal interview, etc.) that indicates ability to complete requirements for the M.S. Prerequisite courses may be required if the student has insufficient undergraduate background. If the student has an unsatisfactory grade-point average, acceptance may be on a probationary (non-degree) basis and a minimum of 9 hours of graduate coursework must be completed the first term with a minimum grade-point average of 3.0 for admission to the M.S. program.

The program requires the writing of a thesis based on original research; the completion of a minimum of 24 hours of graduate coursework, of which at least 14 hours must be taken in courses numbered at or above the 500 level; and 6 hours of thesis. Included in the course requirement are 1 hour of Agriculture 512 and a minimum of 3 hours in statistics. These statistics courses must be chosen from the 400, 500, or 600 level of courses approved for use in the Intercollegiate Graduate Statistical Program (ICGSP). The remainder of the coursework will be selected jointly by the student and the major professor depending on the student’s area of concentration and professional objectives.

The advisory committee will consist of the major professor, a faculty member of Animal Science, who will act as chairperson of the committee, and a minimum of two other faculty members, one of whom may be outside of the Animal Science Department. The advisory committee approves the student’s coursework and research program and conducts the final oral examination which consists of a comprehensive oral examination and a defense of the thesis.

THE DOCTORAL PROGRAM

The doctoral program requires a minimum of 48 semester hours of coursework beyond the B.S. and a minimum of 24 hours of doctoral research and dissertation. The 48 hours of coursework must include:

1. A minimum of 16 hours in related fields outside of animal science.
2. At least 24 hours credit at the 500 and 600 level, exclusive of doctoral research and dissertation, of which a minimum of 6 hours must be at the 600 level. Students in the nutrition, breeding, physiology, or anatomy concentration must complete at least 12 hours at the 500 and 600 level in the respective concentration or closely related area. Students in the management concentration must complete 12 hours at the 500 of 600 level in two non-management concentrations.
3. A minimum of 1 hour of Agriculture 512 in addition to that required at the M.S. level.
4. A minimum of 6 hours in 400-, 500-, or 600-level statistics courses approved for the ICGSP.

A minimum of five faculty members will constitute the student’s advisory committee, of which at least one must be outside Animal Science. The major professor will be the chairperson. The student and the major professor select a program of study depending on the student’s area of concentration and professional goal. The advisory committee approves the coursework and the dissertation research proposal and determines if there is to be a foreign language requirement. The advisory committee
conducts the comprehensive written and oral examination and the final dissertation defense examination.

GRADUATE COURSES

420 Advanced Reproduction (3) Collection, evaluation, and preservation of ova, spermatozoa and embryos; application of methods of natural breeding and techniques of artificial insemination and embryo transfer; herd sire and dam evaluation; pregnancy determination; gestation and parturition; infertility; recent advances in theriogenology. Prereq: 350 or equivalent. 1 hr and 2 labs. F

430 Nutrient Evaluation and Ration Formulation (3) Ration nutrient analysis and formulation for beef and dairy cattle, sheep, horses, swine, poultry, laboratory, zoo, and companion animals. Mathematical and computer solutions and applications to formulating complex rations with constraints. Prereq: 330 Comparative Animal Nutrition or equivalent and introductory computer science course. 2 hrs and 1 lab. Sp

481 Beef Cattle Production and Management (3) Integration of principles of nutrition, breeding, physiology, and marketing into complete production and management programs. Structure of industry, enterprise establishment, systems of production, production practices, and improvement programs. Management evaluated in terms of production response and economic returns. Comparisons made to small ruminant, forage-based production systems. Prereq: Completion of Animal Science sophomore and junior core courses or consent of instructor. 2 hrs and 1 lab. Sp

482 Dairy Cattle Production and Management (3) Integration of principles of nutrition, breeding, physiology, and marketing into complete production and management programs. Structure of industry, enterprise establishment, systems of production, production practices, and improvement programs. Management evaluated in terms of production response and economic returns. Prereq: Completion of 300-level core courses or equivalent or consent of instructor. 2 hrs and 1 lab. F

483 Pork Production and Management (3) Integration of principles of nutrition, breeding, physiology, and marketing into complete production and management programs. Structure of industry, enterprise establishment, systems of production, production practices, and improvement programs. Management evaluated in terms of production response and economic returns. Prereq: Completion of 300-level core courses or equivalent or consent of instructor. 2 hrs and 1 lab. F

500 Thesis (1-15) P/NP only. E

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/N/C only. E

507 Professional Development Seminar (1) Same as Agriculture and Natural Resources 507, Biosystems Engineering 507, Biosystems Engineering Technology 507, Food Science and Technology 507, Ornamental Horticulture and Landscape Design 507, and Plant and Soil Science 507. S/N/C only. F

511 Special Problems in Animal Science (1-4) Prereq: Consent of instructor and department head. May be repeated. Maximum 9 hrs. E

520 Animal Physiology (4) Major body systems and interrelationships: nervous, muscle, blood, cardiovascular, kidney, respiratory, gastrointestinal, and endocrine. Concepts of metabolism, temperature regulation, and acid-base balance. Prereq: General undergraduate anatomy and physiology, and biochemistry, or consent of instructor. F

523 Advanced Mammalian Reproduction (3) Current topics and "new frontiers" in reproductive biology. Prereq: 322. Sp,A

530 Animal Nutrition and Metabolism (4) Comparative digestive physiology, digestion, absorption and metabolism of nutrients in ruminants and nonruminants. Concepts and methodologies of animal growth and nutrient requirements; interrelationships, availability, and deficiencies of nutrients. Prereq: Animal Nutrition, Feeds, and Ration Formulation or consent of instructor. F

535 Ruminology (2) Anatomy, physiology, and microbiology of rumen ecosystem: microbial fermentation and metabolism of polysaccharides, lipids and nitrogen. Prereq: 530 or consent of instructor. Sp

551 Mammalian Organology (3) Microscopic study of structure of organs and major organ systems. Prereq: Embryology, histology and/or consent of instructor. 2 hrs and 1 lab. (Same as Comparative and Experimental Medicine--Veterinary Medicine 551.) Sp

552 Anatomy of Domestic Carnivores (4) Gross dissection by systems and regions of dog with comparison to cat. Prereq: Consent of instructor. 1 hr and 2 labs. (Same as Comparative and Experimental Medicine--Veterinary Medicine 552.) F

571 Design and Analysis of Biological Research (3) Experimental design and procedures; selection of experimental units; analysis and interpretation of data; statistical models and contrasts, analyses of variance; covariates, treatment arrangements, mean separation and regression. Prereq: Plant and Soil Science 471 or equivalent; knowledge of software package on micro- or mainframe computer. (Same as Plant and Soil Sciences 571.) Sp

572 Least Squares Analysis (3) Least squares estimation and hypothesis testing procedures for linear models; mixed model methodology; full rank and non-full rank situations; covariance structures; estimation of variance components. Prereq: 571 or equivalent. 2 hrs and 1 lab. F

596 Seminar (1) Advanced topics in animal science. Required of all first- and second-year MS students. May be repeated. Maximum 2 hrs. Sp

600 Doctoral Research and Dissertation (3-15) P/NP only. E

621 Advanced Topics in Animal Physiology (1-4) Recent advances and concepts, research techniques, current problems. May be repeated. Maximum 6 hrs. E

631 Advanced Topics in Animal Nutrition (1-4) Recent advances and concepts, research techniques, current problems. May be repeated. Maximum 6 hrs. E

633 Advanced Mineral-Vitamin Nutrition (4) Chemical forms, digestion, absorption, intermediary metabolism, deficiencies, excesses and interaction of minerals and vitamins. Prereq: 533 or 534, and Biochemistry and Cellular Molecular Biology 410 or Nutrition 511 or consent of instructor. Sp,A

651 Advanced Topics in Animal Anatomy (1-4) Current and future research methodology, laboratory situation, recent advances in quantitative techniques for gross and microscopic study of species. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs. (Same as Comparative and Experimental Medicine--Veterinary Medicine 851.) E

652 Disorders of the Endocrine System (2) Pathological and physiological aspects of diseases: endocrine glands of various animal species. Prereq: 521 or consent of instructor. (Same as Comparative and Experimental Medicine--Veterinary Medicine 652.) Sp,A

681 Advanced Topics in Animal Health and Well-Being (1-4) Recent advances and concepts, research techniques, and current problems associated with animal health and behavior. May be repeated. Maximum 6 hrs. F

696 Seminar (1) Advanced topics in animal science. Required of all first- and second-year Ph.D. students. May be repeated. Maximum 2 hrs. Sp

Animal Science- Veterinary Medicine

See College of Veterinary Medicine and Comparative and Experimental Medicine.

Anthropology

(Graduate Program in Anthropology)

MAJOR

DEGREES

Anthropology ........................................ M.A., Ph.D.

Andrew Kramer, Head

Professors:

Bass, William M. (Emeritus), Ph.D. ........................................ Pennsylvania

Faulkner, Charles H., Ph.D. ........................................ Indiana

Harrison, Faye V., Ph.D. ........................................ Stanford

Howard, Benita J., Ph.D. ........................................ Kentucky

Jantz, Richard L., Ph.D. ........................................ Kansas

Klippel, Walter E., Ph.D. ........................................ Missouri

Konigsberg, Lyle, Ph.D. ........................................ Northwestern

Logan, Michael H., Ph.D. ........................................ Penn State

Parmelee, Paul W. (Emeritus), Ph.D. ........................................ Texas A&M

Schoedl, Gerald F., Ph.D. ........................................ Washington State

Simek, Jan F., Ph.D. ........................................ SUNY Binghamton

Wheeler, Margaret C. (Emerita), Ph.D. ........................................ Yale

Associate Professors:

Kramer, Andrew (Liaison), Ph.D. ........................................ Michigan

Marks, Murray K., Ph.D. ........................................ Tennessee

Assistant Professors:

Ferreira, Mariana, Ph.D. ........................................ California

Qirko, Hector N., Ph.D. ........................................ Tennessee

Research Assistant Professors:

Chapman, J., Ph.D. ........................................ North Carolina

Elam, J. Michael, Ph.D. ........................................ Missouri

Frankenberg, S. (Curator), Ph.D. ........................................ Northwestern

The Department of Anthropology offers both the M.A. and Ph.D. degrees with concentrations in archaeology, biological anthropology, cultural anthropology, and zooarchaeology. Additional information on the Anthropology graduate program may be obtained from the departmental brochure or by contacting the Anthropology Department.

THE MASTER'S PROGRAM

Students wishing to enter the Master of Arts degree program with a major in Anthropology should have an undergraduate GPA of 3.5 in the major, 3.3 overall, and hold a bachelor's degree from an accredited university with a major in Anthropology. Applicants without a major in a related field (biology, sociology, geology, classics or geography) will be considered only if they have a formal minor in anthropology or its equivalent (at least five upper division anthropology courses).
All prospective M.A. students must make formal application to The University of Tennessee Graduate Admissions. Copies of the application form, transcripts, and GRE scores that are sent to Graduate Admissions should also be sent directly to the Department of Anthropology at the same time. In addition, the department requires a letter of intent from the applicant indicating career goals and reasons for selecting the University of Tennessee, three letters of recommendation, and one sample of the prospective student’s written work (a class paper or research report). These materials should be sent directly to the Graduate Secretary, Department of Anthropology, SSH 250, University of Tennessee, Knoxville, TN 37996-0720.

Graduate applications are considered once a year by the Graduate Committee. All application materials must be received in the department by January 15 for admission the following Fall. Because of the structure of first-year studies, M.A. students should plan to begin their studies in the Fall semester.

M.A. Requirements

The program leading to the M.A. is a general curriculum that allows for concentration after completion of a core course sequence. Formal requirements include:

1. Selection of an M.A. advisor. This should be done as soon as possible in the student’s program but must be done no later than the end of the first semester in residence. The department graduate secretary must be informed in writing of each student’s advisor.

2. A minimum of 30 credit hours in graduate courses. Twenty-four hours must be in coursework graded A-F. Coursework must include three core classes taken in the first year:
   a. 510 Method and Theory in Cultural Anthropology
   b. 560 Theory in Archaeology
   c. 590 Method and Theory in Biological Anthropology

Additional coursework should be selected in consultation with the student’s advisor and must include one additional course from two anthropology concentrations beside the student’s primary concentration. At least 20 hours of coursework must be at the 500 level or higher.

3. During the first year, comprehensive Graduate Evaluation Examinations (GEEs) are required of all M.A. students and are based on the content of the core courses. These examinations are given during regularly-scheduled final periods in each core class and are graded by all faculty within the appropriate subdiscipline for each course. At the end of the first year, all M.A. students will be evaluated by the entire faculty and will either be retained or dropped from the program based on their first year’s performance and GEE scores.

4. All M.A. students must attend the graduate orientation of the visiting lecturer program. To insure compliance with this requirement, each student is required to register for one credit hour of Anthropology 550 in the fall semester of each year and fulfill all requirements for the course as defined by the instructor. Materials covered by visiting lecturers may appear on the GEE.

5. A graduate-level introductory statistics course, usually Statistics 537.

6. In the second year of the program, students pursue their concentration area and undertake thesis research. Coursework will be determined through consultation with the student’s advisor and committee (composed of the student and at least one other member of the Anthropology faculty along with other mutually-agreed upon members).

7. Successful completion of the thesis and final oral examination. Normally, students will complete and defend their theses during the spring semester of their second year.

8. Two copies of the thesis are required by the Office of Graduate Student Services. In addition, bound copies of the thesis are to be provided to the department and to all members of the student’s M.A. committee.

In addition to the requirements listed above, M.A. students have the option of completing a minor in statistics. The statistics minor requires 9 hours of coursework, normally Statistics 537 and 538 plus one additional course from an approved list.

THE DOCTORAL PROGRAM

In addition to the Graduate Council requirements, requirements for the Ph.D. degree with a major in Anthropology, in the appropriate sequence of completion, are as follows:

Admission: Admission to the Ph.D. program is contingent upon completion of all requirements prior to that level. Master's thesis candidates at UT, who are conditionally accepted into the Ph.D. program can enroll as doctoral students the semester following conferral of the M.A. degree. Students holding Master’s degrees from other institutions must apply by January 15 for admission the following Fall and must begin their studies in the Fall semester. Admission to the Ph.D. program is based upon the applicant’s academic record and credentials, but also on fit between an individual’s interest and faculty areas of research. Applicants will not be admitted to the Ph.D. program unless appropriate faculty members are available to chair and serve on the doctoral committee. Doctoral program applicants should communicate directly with the potential chairperson and two additional members of the anthropology faculty who will be asked to serve on the committee. Applicants to the Ph.D. degree program should meet the same academic standards as M.A. program applicants and furnish the same materials (see The Master’s Program). Admission to the program requires either:

1. Acceptance of a Master’s degree in anthropology; or
2. Acceptance of a Master’s degree in another discipline, with the provision that the student will follow the first-year program with entering M.A. students, i.e., complete the core courses (510, 560, 590) and pass the Graduate Comprehensive Examinations.

Doctoral Committee: A doctoral committee is appointed following admission to the program. In consultation with this committee, the student defines the future program of studies. When the student and committee have reached the specific fields of specialized competence over which the student will be examined, a brief delineation of the fields by the student, approved by the members of the committee, is presented to the department head and the student’s major professor. As early as possible, but no later than a full semester after admission to candidacy, the student shall formally present a written dissertation proposal to the department head and advisor.

Residence and Coursework: Every potential Ph.D. candidate must complete two consecutive semesters of full-time residence prior to taking the doctoral comprehensive examination. The student must complete the minimum coursework requirements of the Graduate Council, including at least nine hours of 500- or 600-level courses outside of anthropology, chosen in consultation with the doctoral committee, particularly the outside member who represents the cognate area. Outside coursework may be taken in a single discipline or be distributed across two or more disciplines as appropriate to the individual’s program of study.

Statistics: Demonstration of competence in statistics by completing Statistics 537 and 538 with a grade of B or better is required.

Language: Students must demonstrate knowledge of one foreign language. This language should normally be French, German, Russian or Spanish, but another language may be substituted at the committee’s discretion. This requirement may be met by either:

1. Successful performance on a language examination administered by the appropriate language department. A student electing this alternative should consult with the advisor; or
2. Completion of the second semester of specialized reading courses for graduate students with a grade of B or better.

The department does not accept completion of the intermediate (200 level) sequence of a language as a formal option for fulfilling the language requirement.

Doctoral Comprehensive Examination: Students must successfully complete a written and oral comprehensive exam.

1. Comprehensive Written Examination: When the Ph.D. aspirant has completed all of the foregoing requirements and is judged by the committee to be prepared in the field(s) of concentration, the student will be required to take a comprehensive written examination. The exam will consist of three sections and be given by the student’s committee. All three sections must be taken within seven consecutive days.

2. Comprehensive Oral Examination: This examination follows shortly after successful completion of the comprehensive written exam. The major professor acts as chairperson of the committee.

Admission to Candidacy: Upon successful completion of the comprehensive exam and with the formal approval of the Dean of Graduate Studies, the student is admitted to candidacy for the Ph.D. degree. The formal dissertation prospectus must be filed no later than one full semester after advancement to candidacy.

Dissertation Research: This period of research and writing will be under the direct guidance of the candidate’s major professor. The major professor will act as chairperson of the candidate’s committee. The candidate must earn a minimum of 24 hours in Anthropology 690 and maintain continuous registration until the dissertation is accepted.
The option of presenting publishable papers as a dissertation is not a formal option for the Anthropology Department.

**Defense of Dissertation Examination:** When the dissertation has been tentatively accepted by the committee, a final oral examination will be held. The committee conducts the exam, which is ordinarily held as a colloquium in which the candidate will expound on the nature and significance of his/her contribution to anthropological knowledge as set forth in the dissertation.

**ACADEMIC COMMON MARKET**

An agreement among southern states for sharing graduate programs allows legal residents of some states to enroll in certain programs at UT on an in-state tuition basis. The M.A. program in Anthropology is available to residents of the states of Delaware, Georgia, Louisiana, Virginia, or West Virginia. The Ph.D. program is available to residents of Alabama, Delaware, Louisiana, Mississippi, South Carolina, or West Virginia. Additional information may be obtained from the Administrative Services Assistant in the Office of Graduate Admissions.

**GRADUATE COURSES**

410 Principles of Cultural Anthropology (3) Exploration and illustration of major concepts, theories, and methods in cultural anthropology, with application to analysis of specific ethnographic materials. Prereq: 130 Cultural Anthropology.

411 Linguistic Anthropology (3) Basic linguistic concepts applied to research in cultural anthropology; investigation of relationships between language and culture. Prereq: 130 Cultural Anthropology or consent of instructor.

412 Folklore in Anthropology (3) Introduction to anthropolological study of folklore, using folklore and folk material from historic East Tennessee sites used for class projects. Recommended prereq: Historic Archaeology.

410 Cultural Ecology (3) Concepts and methods in studying dynamic interaction between prehistoric and present day cultures and their environments: ecological theory, methods of analysis, and review of selected case studies. Prereq: 120, 130, 410, or consent of instructor.

462 Early European Prehistory (3) Origins and evolution of human culture in Europe through beginnings of settled life. Paleolithic and Mesolithic chronology and lifeways. Prereq: 120 or consent of instructor.

463 Rise of Complex Civilizations (3) Development of complex societies in Old World from origins of agricultural economics to rise of States. Mesolithic, Neolithic, and Metal Age lifeways in Africa, Europe, and Asia. Prereq: 120 or consent of instructor.

464 Principles of Zooarchaeology (3) Basic osteological studies of major vertebrate groups: aboriginal use of animals in subsistence and culture; identification and interpretation of archaeologically derived molluscan and vertebrate remains; introduction to laboratory use of comparative collections. Prereq: 120 or consent of instructor.

465 Urban Archaeology (3) Field archaeology and interpretation of archaeological remains on historic urban sites in U.S. Lectures and field and laboratory research on urban sites in East Tennessee. Recommended prereq: History 430.

480 Human Osteology (4) Intensive examination of human skeleton. Prereq: 110 or consent of instructor. 3 hrs and 1 lab.

481 Mueseology I: Museums, Purpose and Function (3) (Same as Art 481.)

482 Mueseology II: Exhibition Planning and Installation (3) (Same as Art 482.)

484 Mueseology III: Field Projects (1-12) (Same as Art 484.)


494 Primate Behavior (3) Social organization and behavior of selected primates; group composition, size, and structure; patterns of mating; other social interactions; communication; and cultural behavior. Application of primate studies to human ethology. Prereq: 110 or consent of instructor.

500 Thesis (1-15) P/NP only. E

501 Graduate Research (1-9) Independent investigation of special problems in anthropology. May be repeated. Maximum 18 hrs.

502 Registration for Use of Facilities (1-15) Required for the student to use study rooms not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/NC only. E

510 Method and Theory in Cultural Anthropology (3) Development of primary theoretical orientations by cultural anthropologists; formulation of research problems and methods of collecting, organizing, and utilizing data. Prereq: Consent of instructor.

511 Special Topics in Cultural Anthropology (3) Seminars for advanced students on topics of special interest: ethnomedicine, psychological anthropology, comparative social organization, religion, and art. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs.

512 Urban Studies in Anthropology (3) Process of urbanization examined cross-culturally; theory and method in research on urban communities; urban problems and applied anthropology.

514 Anthropology of Development (3) Application of anthropological theory, methods, and findings to community and national development programs. Analysis of anthropological issues, values, and ethical issues in selected case studies. Survey of anthropologists’ work in non-academic settings.

515 Medical Anthropology (3) Cultural impact on disease patterning, theories of disease causation, and models of therapy. Theoretical and applied aspects of the anthropological study of health and disease. Prereq: Consent of instructor.

517 Forms of Social Inequality (3) Anthropological perspectives on societies stratified along lines of rank, class, ethnicity, and class; inequalities engendered by sex role structure. Construction of social distinctions before and after rise and consolidation of modern world system. Intersections of race and ethnicity with class and gender.

520 Seminar in Zooarchaeology (3) Approaches to analysis and interpretation of archaeological fauna. Intensive reading; evaluation and discussion of major faunal studies, guides to identification, methods of presenting faunal data. May be repeated. Maximum 6 hrs.

521 Laboratory Studies in Zooarchaeology (4) Examination and comparison of skeletons of major vertebrate groups, shells of terrestrial and aquatic molluscs, in relation to animal remains from archaeological contexts. Basic osteology and shell characters of species encountered; aboriginal use of comparative collections. May be repeated. Maximum 9 hrs.

526 Seminar in Archaeology (3) Theoretical and practical issues in contemporary archaeology; ethnographic, paleoethnographic, and theoretical aspects of tools in interpretation of archaeological remains. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs.

530 Fieldwork in Anthropology (3-9) Practicum in surveying, excavating, processing, and analysis of archaeological data. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs.

550 Contemporary Issues in Anthropology (1-3) Review of recent directions in method and theory in anthropology. May be repeated. Maximum 6 hours.

560 Theory in Archaeology (3) Detailed consideration of theory in contemporary archaeology; models of scientific explanation, research design, archaeological formation processes, and methods of analysis and interpretation. Prereq: Anthropology 435.


563 Lithic Artifact Analysis (3) Methods for analyzing prehistoric stone tools in archaeological context. Lecture and laboratory format. Stone tool production, use, stylistic variability, and discard processes.

564 Archaeology of Southeastern United States (3) Archaeological research on prehistoric American Indian cultures in Southeastern United States. Tennessee prehistory.

580 Advanced Human Variation (3) Genetic and morphological variation among extant human groups; relationships of variation to geography, ecology and evolution. May be repeated. Maximum 6 hrs.


583 Skeletal Biology (3) Practical and theoretical approaches to analysis of prehistoric human skeletal remains. Demography, vital statistics, pathology, nutrition, and measures of biological relationships as related to population as adaptive unit. Prereq: 480.

585 Laboratory Studies in Biological Anthropology (3) Topical coverage of laboratory methods in biological anthropology. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs.
Architecture (College of Architecture and Design)

MAJOR DEGREE

Architecture ................................... M.Arch.

Professors:
Conley, G. (Emeritus), B.Arch. .......... Harvard
Davis, Marleen, M.Arch. ....................... Harvard
Kaplan, M. (Emeritus), M.Arch. ....... Harvard
Kelso, R. M., M.S. .............................. Tennessee
Kinzy, S. A., Ph.D. ............................... SUNY (Buffalo)
Lauer, W. J. (Emeritus). ...................... M.S.Arch.Engrr. .................. Iowa State
Lester, A. J. (Emeritus), M.Arch. ...... Virginia
Lizon, P., Ph.D. ............................... Pennsylvania
Moffett, M. S., Ph.D. ......................... MIT
Rabun, J. S., M.A. .............................. Texas
Robinson, M. A., M.Arch. .................. Pennsylvania
Rudd, J. W. (Emeritus), M.A. .... Northwestern
Shell, W. S., M.S.Arch. ..................... Columbia
Watson, J.S., M.Arch. ....................... Pennsylvania

Associate Professors:
Coddington, J., M.Arch. ..................... Pennsylvania
Davis, T. K., M.Arch. ......................... Cornell
Debelius, C., M.Arch. ....................... Harvard
Drisin, A., MdesS. ............................ Harvard
Fox, L. D., M.Arch. ........................... Cranbrook
Martella, W. E., B.Arch. ................. California
Moir-McClean, T. W., M.Arch. .......... Michigan
Schimmenti, M. M., M.Arch .......... Florida

Assistant Professors:
Attwicker, M., B.Arch. ....................... PFI
DeKay, M., M.Arch. ........................ Oregon
Dodds, G., Ph.D. ............................ Pennsylvania
French, R. J. (Emeritus), M.Arch. ...... Tennessee
Klinkhammer, B., M.Arch. .............. RWTH (Aachen)
Stach, E., IPMA ............................. Bauhaus
Thurlove, A., M.Arch. ........................ Columbia
Ware, S. M., M.F.A. .......................... Tennessee

MASTER OF ARCHITECTURE PROGRAM

The School of Architecture offers two tracks leading to the Master of Architecture degree. Track 1 is for students seeking the first-professional degree who already hold a Bachelor’s degree or an advanced degree in another field. Track 2 is for students with an accredited first-professional degree who seek to develop an area of specialization. Contact the Graduate Program Head for additional information.

Admission Requirements

In addition to meeting the Graduate Council’s minimum requirements, the following specific admission requirements to the Master of Architecture program must be met:

For Track 1 applicants, a bachelor’s degree with a 3.0 GPA from an accredited college or university is required. International applicants must have an equivalent 4-year degree and 3.0 GPA. Candidates with a GPA less than 3.0 may be considered for conditional admission when evidence of exceptional promise is identified. Undergraduate work must include at least twelve semester hours of humanities, a basic understanding of physical principles, systems and analytical procedures and an understanding of mathematical principles and analytical procedures, as well as a general understanding of the use of computers. The School requires an essay and three letters of recommendation. A personal on-site interview is desirable but not mandatory. For those applicants from accredited 4-year architecture programs, a portfolio is required in addition to the above requirements.

For Track 2 applicants, a Bachelor of Architecture degree from an NAAB accredited program, or foreign equivalent is required. Candidates with a GPA less than 3.0 may be considered for conditional admission when evidence of exceptional promise is identified. Submission of a portfolio to Architecture to include an essay and three letters of recommendation are also required. A personal on-site interview is desirable but not mandatory.

The general portion of the Graduate Record Examination is required of all applicants. Applicants should take the GRE at least one semester in advance of application for admission.

Degree Requirements

Track 1 requires a minimum of 48 semester hours of undergraduate preparation and 60 semester hours of graduate coursework, taking approximately 3 1/2 years of full-time study. A minimum of 4 hours of architectural electives or approved electives from another discipline must be taken at the 500 level or above.

Track 2 requires a minimum of 30 semester hours of graduate coursework.

Both tracks require 6 hours of Thesis 500 with a public presentation and oral defense of the thesis. Retention in the program is contingent upon evidence of satisfactory progress toward the degree. Student progress will be reviewed each semester by the Graduate Program Head. Any questions regarding progress will be reviewed by the Graduate Program Advisory Committee.

For further information, contact the School of Architecture.

ACADEMIC COMMON MARKET

An agreement among southern states for sharing graduate programs allows legal residents of some states to enroll in certain programs at UT on an in-state tuition basis. The M.Arch. program in Architecture is available to residents of the states of Arkansas, Delaware, Kentucky, Mississippi, or West Virginia. Additional information may be obtained from the Administrative Services Assistant in the Office of Graduate Admissions.

GRADUATE COURSES

403 Introduction to Preservation (3) History, theory, and legal aspects of architectural preservation and restoration.

404 Preservation Technology (3) Techniques of preservation: methods of analysis, history of materials and technology used in old buildings. Prereq: 403.

405 Descriptive Analysis of Historic Buildings (3) Identification and analysis of characteristic elements of buildings from various architectural periods, American architecture. Survey techniques.

406 Ideas in Architecture (3) Historical and critical review of major ideas of architecture through the ages. Open to all students.

410 History and Theory of Urban Form (3) Patterns of community development. Selected historical and contemporary examples. Basic urban design issues and exemplary design approaches through lectures, readings, essays, and sketch studies. Historical change in urban form and design.

412 Non-Western & Indigenous Architecture (3) Building responsive to climate, material availability, and economic level, as designed by anonymous builders. Pre-historic and historic periods to present throughout the world. Pre-Columbian, Indus Valley, Hindu, Buddhist, and Mughal architecture of India, China, and Japan.

413 Tennessee Architecture (3) History of settlement patterns and buildings in Tennessee. Reading assignments, lectures, discussions, and field trips. Historical research using primary material.

414 History of Architectural Technology (3) Building materials and construction techniques from antiquity to present.

415 Medieval Architecture (3) History of architecture from decline of Rome to beginning of Renaissance.

417 The International Style (3) Survey of architecture of early modern movement, primarily in Europe and America, 1900-1940.


420 American Architecture, 1840-1940 (3) Stylistic periods from Gothic Revival through twentieth century.

421 History of Landscape Architecture (3) Intellectual, social, and geographical influences that provide theoretical basis for design throughout history. Selected examples of landscape architecture analyzed in terms of design.
422 Modern Eastern European Architecture (3) Twentieth century architecture in Russia, Czechoslovakia, Poland, Hungary, East Germany, Romania, Bulgaria, Yugoslavia.

425 Special Topics in Architecture (1-6) Faculty initiated course. Prereq: Consent of instructor. May be repeated. Maximum 12 hrs. E

432 Computer Applications in Design II (3) Advanced computer aided design using three-dimensional modeling software. Design analysis using computer animation, rendering techniques, visualization, and video. Prereq: Computer Applications in Design I or consent of instructor. Sp

433 Computer Applications in Design III (3) Integration of three-dimensional modeling and technical analysis using computer to augment building design. Independent studies under faculty direction. Prereq: Consent of instructor. Sp

443 Building Energy Analysis (3) Balancing heat flow through external skin of residential and small and large commercial buildings. Local climate evaluation. Site planning, building size and orientation, window area, wall treatment, infiltration control, and other design elements. Energy use quantity methods and economic analysis of energy efficient design features. Architectural program analysis of external and internal load dominated buildings. Prereq: 341.

444 Advanced Environmental Control Systems (3) In-depth analysis and innovative concepts in design of heating, ventilating, and air conditioning. Prereq: 341.

445 Advanced Lighting (3) In-depth analysis and innovative concepts in design of lighting. Prereq: 342.

463 Architectural Development (3) Principles and practice of architect as developer. Impact of economics, finance and urban policy on design and development of real estate. Open to all students.

473 Architectural Photography (3) Photography as design, research, and presentation medium. Application of photographic techniques, printing and processing. Color and black and white.

500 Thesis (1-15) P/NP only. E

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses University facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. S/N/C only. E

503 Modern Architecture: Histories and Theories (3) History and theory of modern architecture: late 19th and 20th centuries through broad-based examinations of question of modernity and specific case studies of buildings, practices and theory. Prereq: Consent of instructor.

504 Issues in Preservation (3) Architectural issues: preservation, restoration and conservation of historic structures. Prereq: Consent of instructor.

507 Architecture, Culture and Modernity (3) Scope of ideas generated in architecture's recent history to reveal and explain production and reception of architecture: historical background necessary to understand those concepts. Completes history sequence but in specialized field of theory.

509 Seminar in Architectural Technology (3) Technological aspects influencing building form. Role of technical aspects of structural, environmental and building infrastructure as integrated systems supporting access use and expression of building.

511 Environmental Influences (3) Environmental factors which shape the regional character of architecture. Natural forces associated with these factors, cultural interpretation and response regarding importance and impact.

513 Cultural Aesthetics (3) Principles underlying cultural character of architecture. Role of social, political and economic forces which influence interpretation of factors creating building's character.

514 Seminar in Ethical Imperatives (3) Social, cultural, philosophical and moral issues which impact professional responsibilities. Attitudes, values, and ideas that address formation of profession's ethos.

515 Seminar in Issues in Urban Design (3) Investigations of urban forms, patterns, and attitudes that have shaped towns and cities. Prereq: Consent of instructor.

516 Materials and Methods of Construction (3) Properties of interior and exterior building materials and their relation to construction methods and detailing. Theory of materials selection and application and role of materials and methods play in design process.

521 Principles of Architectural Form (3) Historical and contemporary architectural theory through investigation of literature and related examples. Theories of understanding and theories of application related to generation of architectural form and space in response to both cultural and environmental focus.

525 Special Topics in Architecture (1-3) Student- or instructor-initiated course. May be repeated. Maximum 9 hrs. S/N/C or letter grade.

526 Directed Readings in Architecture (3) Readings on topics of interest: primary texts, history, theory, urban issues, technology and professional practice. Prereq: Consent of instructor. May be repeated. Maximum 9 hrs.

528 Topics in Architectural History and Theory (3) Historic topics, ideas and theories in architecture. Prereq: Consent of instructor.

532 Computer Applications for Architecture (3) Advanced use of computers in architecture. Prereq: Consent of instructor.

551 Research Methods (3) Quantitative and qualitative methods of research in architectural inquiry. Systematic study and application of applied and speculative investigations in field of architectural research. Prereq: 342.

553 Advanced Topics in Architectural Technology (3) In-depth investigations and analysis: architectural technology lighting, structure, enclosure, mechanical and other architectural technologies. Prereq: Consent of instructor.

562 Professional Practice (3) Management and organizational theories and practices for delivering professional design services: assessment of building industry and its influence on practice; analysis of basic management functions within professional firms; legal and ethical concerns facing practitioners today; and introduction to special obligations and privileges of design professional.


591 Foreign Study (1-9)

592 Off-Campus Study (1-9)

593 Independent Study (1-9)
ART

GRADUATE COURSES


424 Ceramics: Clays and Glazes (3) Clay chemistry, clay bodies, glaze theory and calculation. Formulating, mixing and testing of clay bodies and glaze formulas. Prereq: Ceramics: Portfolio Review.

429 Ceramics: Special Topics (3) Student- or instructor-initiated course offered at convenience of departmen. Prereq: Consent of instructor. May be repeated. Maximum 12 hrs.

521 Graduate Ceramics I (2-5) May be repeated. Maximum 10 hrs.

525 Graduate Ceramics II (2-5) May be repeated. Maximum 10 hrs.

593 Independent Study (1-15) See College of Arts and Sciences. Prereq: Consent of instructor.

595 Visiting Artist Seminar (2) Contemporary art issues by different visiting artists. May not be used toward art history requirement. May be repeated. Maximum 8 hrs.

599 Projects in Lieu of Thesis (10) Prereq: All graduate course work and successful second year evaluation by graduate faculty. May be repeated. Maximum 20 hrs. S/NC only. E

ART DESIGN

GRADUATE COURSES

405 Computer Enhanced Graphic Design (3) Exploration of new technologies and their significance to graphic design. Prereq: Intermediate Graphic Design I. Graphic Design Production with a grade of C or better, and consent of instructor. May be repeated. Maximum 6 hrs.

451 Advanced Graphic Design (3) Theory and techniques of visual problem-solving as applied to advanced applications of graphic design. Prereq: Intermediate Graphic Design II with a grade of C or better.

452 Graphic Design Seminar (3) Discussion of design and professional issues; politics, economics, and ethics for graphic designer. Culminates in student-initiated project. Prereq: 451 with a grade of C or better.

453 Advertising Illustration (3) Media and techniques as applied to advertising illustration. Prereq: Black and White Illustration and successful completion of any portfolio review.

454 Editorial Illustration (3) Media and techniques as applied to editorial illustration for books, magazines, and newspapers. Prereq: Black and White Illustration and successful completion of any portfolio review.

456 Graphic Design Practicum (3-12) Practical work experience in graphic design field. Only by prearrangement with department. Prereq: Consent of instructor. May be repeated. Maximum 12 hrs.

459 Special Topics in Graphic Design (3) Student- or instructor-initiated course offered at convenience of department. Prereq: Consent of instructor. May be repeated. Maximum 12 hrs.

550 Studies in Graphic Design/Illustration History (3) Design and illustration ca. 1850 to present. Prereq: M.F.A. candidate or consent of department. May be repeated. Maximum 6 hrs.

551 Graphic Design I (2-6) May be repeated. Maximum 10 hrs.

552 Graphic Design II (2-6) May be repeated. Maximum 10 hrs.

553 Computer Enhanced Design (2-6) Prereq: Consent of instructor. May be repeated. Maximum 10 hrs.

593 independent Study (1-15) See College of Arts and Sciences. Prereq: Consent of instructor.

595 Visiting Artist Seminar (2) Contemporary art issues by different visiting artists. May not be used toward art history requirement. May be repeated. Maximum 8 hrs.

599 Projects in Lieu of Thesis (10) Prereq: All graduate course work and successful second year evaluation by graduate faculty. May be repeated. Maximum 20 hrs. S/NC only. E
Art History

GRADUATE COURSES

403 History of Photography (3) Survey of history of photography from introduction of daguerreotype and calotype to most recent trends. Aesthetics and use of photography as medium for artistic expression.

411 Art of South and Southeast Asia (3) Survey of art and architecture of Indian subcontinent and Southeast Asia from 2000 B.C. to 20th century. Major achievements of each period in religious, political, and social contexts.

415 Art of China (3) Survey of art and architecture of China from neolithic period to 20th century. Major achievements of each period in religious, political, and social contexts.

419 Art of Japan (3) Survey of art and architecture of Japan from neolithic period to 20th century. Major achievements of each period in religious, political, and social contexts.

425 Early Christian and Byzantine Art to 1350 (3) Art in Italy and the Eastern Empire from the beginnings of Christian art to c. 1350. Mosaic and painting, sculpture and architecture. Writing-emphasis course. (Same as Judaic Studies 425.)

431 Medieval Art of the West, 800-1400 (3) Western European art of the "Dark Ages," Romanesque, and Gothic periods. Writing-emphasis course. (Same as Judaic Studies 431.)

441 Northern European Painting, 1530-1600 (3) From courtly art of late Middle Ages to Northern Renaissance. Jan van Eyck, Roger van der Weyden, and Durer; early printmakers. Writing-emphasis course.

442 Art of Northern Europe, 1600-1675 (3) Concentrated study of Bruegel, Rubens, Rembrandt, Georges de la Tour, Vermeer, Poussin, and Hals. Writing-emphasis course.

451 Art of Italy, 1250-1450 (3) Development of exploration of naturaism. Revival of antiquity and humanism; some ancient Stone and Iron Age traditions. Diverse ethnic and regional art traditions practiced in area from 19th century to present.

462 Art and Archaeology of Africa (3) Historical art traditions of sub-Saharan Africa. Prehistoric rock paintings; art from archaeological sites and ancient kingdoms. First and second millennia B.C. for early terracotta sculpture and rock paintings, 11th through 19th centuries A.D. for later ancient kingdoms.

463 Arts of the African Diaspora (3) Aesthetic, philosophical and religious patterns of African descendants of Brazil, Surinam, Caribbean and United States. Full range of art forms: sculptural and performance traditions, architecture, textile, basketry and pottery art forms.

471 History of North American Art (3) Landmarks in painting, architecture, sculpture, and design from prehistory to 1900.

472 History of 20th-Century American Art (3) Development in architecture, painting, and design from 1900.

473 19th-Century American Painting (3) From West and Copley to emergence of "The Eight."

474 Theory of 20th-Century Art in Europe and America (3) Theoretical basis for modern movement. Analysis and discussion of individual works of art in light of contemporary writings by artists and theorists. Prereq: Western Art I and II, or consent of instructor.


476 History of 20th-Century Painting and Sculpture in Europe (3) Development of Modern and Post-Modern movements in Europe. Investigation of progression of abstraction through more recent conceptual trends. Analysis of work of individual artists such as Picasso, Matisse, and others.

479 Special Topics in Art History (3) Student- or instructor-initiated course offered at convenience of department. May be repeated. Maximum 12 hrs.

483 History of American Sculpture (3) American sculpture from prehistory to 1960's.

485 History of Printmaking (3) Prints from 15th century to present. 20th century in Europe and U.S. Prereq: 172 and 173.

489 Studies in Art History (3) Concentration in individually selected area. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs.

571 Studies in Medieval Art (3) Art and architecture of Middle Ages: major monuments from Byzantium or western Europe. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

572 Studies in Italian Renaissance Art (3) Art and architecture of 14th, 15th, and/or 16th centuries in Italy. Early or High Renaissance or Mannerist periods. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

573 Studies in Baroque Art (3) 17th-century art and architecture: major artists and works from southern or northern Europe. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

574 Studies in Modern Western Art (3) Selected topics in 19th- and 20th-century western art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

575 Studies in Modern American Art (3) Selected topics in 19th- and 20th-century American art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

576 Studies in Asian Art (3) Selected topics in Japanese or Chinese Art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

579 Special Topics in Art History (3) Student- or instructor-initiated course offered at convenience of department. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 9 hrs.

586 Studies in Art History (3) Special topics in art history. Prereq: consent of instructor. May be repeated. Maximum 10 hrs.

593 Independent Study (1-15) See College of Arts and Sciences. Prereq: Consent of instructor.

596 Special Topics in Art History (3) Selected topics in art history. Prereq: Consent of instructor. May be repeated. Maximum 10 hrs.

599 Projects in Lieu of Thesis (10) Prereq: All graduate course work and successful second year evaluation by graduate faculty. May be repeated. Maximum 20 hrs. S/NC only. E

Art Media Arts

GRADUATE COURSES


433 History of Film and Modern Art (3) Study of development and interaction between cinematic arts and visual arts within context of modern art history. Available for Art History credit. (Same as Cinema Studies 433.)

435 Cinematography as Art (3) Continued development of concepts and techniques for creation of film as art form: individual projects. Prereq: Introduction to Cinematography as Art and Media Arts Portfolio Review or consent of instructor. May be repeated. Maximum 9 hrs.

436 Video Art (3) Continued development of concepts and techniques for creation of video works as art form: individual projects. Prereq: Introduction to Cinematography as Art and Media Arts Portfolio Review or consent of instructor. May be repeated. Maximum 9 hrs.

477 History of 20th-Century Painting and Sculpture in Europe (3) Development of Modern and Post-Modern movements in Europe. Investigation of progression of abstraction through more recent conceptual trends. Analysis of work of individual artists such as Picasso, Matisse, and others.

479 Special Topics in Art History (3) Student- or instructor-initiated course offered at convenience of department. May be repeated. Maximum 12 hrs.

483 History of American Sculpture (3) American sculpture from prehistory to 1960's.

485 History of Printmaking (3) Prints from 15th century to present. 20th century in Europe and U.S. Prereq: 172 and 173.

489 Studies in Art History (3) Concentration in individually selected area. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs.

571 Studies in Medieval Art (3) Art and architecture of Middle Ages: major monuments from Byzantium or western Europe. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

572 Studies in Italian Renaissance Art (3) Art and architecture of 14th, 15th, and/or 16th centuries in Italy. Early or High Renaissance or Mannerist periods. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

573 Studies in Baroque Art (3) 17th-century art and architecture: major artists and works from southern or northern Europe. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

574 Studies in Modern Western Art (3) Selected topics in 19th- and 20th-century western art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

575 Studies in Modern American Art (3) Selected topics in 19th- and 20th-century American art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

576 Studies in Asian Art (3) Selected topics in Japanese or Chinese Art. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

579 Special Topics in Art History (3) Student- or instructor-initiated course offered at convenience of department. Prereq: M.F.A. candidate or consent of instructor. May be repeated with consent of department. Maximum 9 hrs.

586 Studies in Art History (3) Special topics in art history. Prereq: consent of instructor. May be repeated. Maximum 10 hrs.

593 Independent Study (1-15) See College of Arts and Sciences. Prereq: Consent of instructor.

596 Special Topics in Art History (3) Selected topics in art history. Prereq: Consent of instructor. May be repeated. Maximum 10 hrs.

599 Projects in Lieu of Thesis (10) Prereq: All graduate course work and successful second year evaluation by graduate faculty. May be repeated. Maximum 20 hrs. S/NC only. E

Art Painting

GRADUATE COURSES

413 Painting IV (6) Advanced painting, individual concepts and personal expression with varied media. Prereq: Painting III. May be repeated. Maximum 12 hrs.

415 Watercolor IV (6) Advanced painting with water-based media on paper, individual concepts and per-