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## The University of Tennessee at Martin Forestry Pre-Professional Program 2005-2006

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### Career Opportunities

The Society of American Foresters (SAF), the primary professional society of the forestry field, accredits US forestry programs and certifies graduates of those programs as competent, qualified professionals.

The UTM College of Agriculture and Applied Sciences offers a two-year pre-professional program which is basic to a B.S. in Forestry. After completion of freshman and sophomore years at UT Martin, students may transfer to the Department of Forestry, Wildlife and Fisheries at UT Knoxville or another university with an accredited forestry program to complete their junior and senior years and receive their degrees.

### Employment Possibilities

Increasing U.S. and world demands for food and fiber, the greater use of complex technology in production and processing, and the concern for natural resources and environmental protection indicate there is a bright future for students interested in the forestry field. Approximately half of employment and career opportunities for graduates in forestry are with the US Forest Service. Other major employers include large timber, pulp and paper companies, state departments of forestry, and various producers and marketers in the forest products industries. There are career opportunities in soil and water conservation, fire planning, geographic information systems and numerous related areas. Graduates are also employed by agricultural colleges in research, teaching and extension, particularly those who have advanced degrees, and by other federal and state agencies such as USDA, Natural Resource Conservation Service and the Department of the Interior.

### Facilities

Well-equipped classrooms and laboratories are located in Brehm Hall. In addition, many field laboratories are scheduled on the UTM Agricultural Field Teaching/Demonstration Complex. Numerous computer facilities are available for student use.

### For More Information Contact

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# Program of Study

## Forestry Pre-Professional Program 2005-2006

*This list includes all courses required; however, the sequence may be flexible.*

### Freshman Year

#### Fall

Agricultural Economics 110: Introduction to Agricultural Business	3
Biology 110: Introductory Cell Biology and Genetics	4
English 111: English Composition	3
Mathematics 140: College Algebra and Elementary Functions	3
Natural Resources Management 100: Introduction to Natural Resources Management	<u>3</u>
<b>Total Hours</b>	<b>16</b>

#### Spring

Biology 120: Introductory Plant and Animal Biology	4
English 112: English Composition	3
Mathematics 160: Calculus for Business and Life Sciences	3
History Elective*	3
<u>Humanities Elective*</u>	<u>3</u>
<b>Total Hours</b>	<b>16</b>

### Sophomore Year

#### Fall

Chemistry 121: General Chemistry	4
Communications 230: Public Speaking	3
Computer Science 201: Introduction to Computer Applications	3
Economics 201: Principles of Macroeconomics	3
Mathematics 210: Elementary Statistics and Probability	<u>3</u>
<b>Total Hours</b>	<b>16</b>

#### Spring

Chemistry 122: General Chemistry or Physics 211 or Geology 111	4
Wildlife Biology 250: Principles of Wildlife Management	3
Communications Elective*	3
Social Science Elective*	3
<u>Soil Science Electives*</u>	<u>6</u>
<b>Total Hours</b>	<b>19</b>

\*See catalog for options.