

# School and College Curricula

This section of the bulletin lists the schools and colleges alphabetically and provides information about curricula within them as well as general descriptions of interdepartmental and interdisciplinary curricula and ROTC programs. Information about most college and school undergraduate admission, retention and graduation standards as well as other information about the college or school is also provided here. Each undergraduate academic program offered by a school or college is presented in a curriculum model with required and elective courses listed in a possible semester-by-semester sequence. These models are provided as guides to help students and advisers plan the individual student's course of study. Students should realize, however, that it might not be possible to schedule every course in the year and semester as presented. Careful planning with the help of an academic advisor is usually necessary if students are to complete their programs in a timely manner and meet all course pre-requisites.

All undergraduate curricula can accommodate six hours of ROTC; military science courses may be taken in place of electives, and in some curricula, with permission, in place of certain required courses.

## Interdepartmental and Interdisciplinary Courses

### Statistics

While graduate degrees in statistics are offered through the Department of Discrete and Statistical Sciences in the College of Sciences and Mathematics, courses in statistics, both general introductory courses and those treating the application of statistics to specific disciplines or problems, are offered through the cooperation of many departments and colleges throughout the university. Students interested in receiving training in statistics to support their degree program should consult their advisor and the listing of statistics courses in the "Courses of Instruction" section of this bulletin, under the heading "STAT."

#### UNDERGRADUATE STATISTICS MINOR

15 semester hours in minor

Courses required		Cr. Hr.
STAT	3600 Probability & Statistics I .....	3
STAT	3610 Probability & Statistics II .....	3
OR		
STAT	3010 Statistics for Engr & Scientists.....	3
STAT	4020 Intermediate .....	3

#### 9 Hours from Elective Course:

STAT	4610 Applied Regression Analysis .....	3
STAT	4620 Applied Nonparametric Statistics .....	3
STAT	4630 Applied Time-Series Analysis.....	3
STAT	5110 SAS Programming.....	3
STAT	5630 Sample Survey, Design & Analysis .....	3

### Biochemistry

While degrees in biochemistry are offered through the Department of Chemistry in the College of Sciences and Mathematics, courses in bio-chemistry, required in or relevant to many degree programs, are offered through the cooperation of many departments and colleges throughout the university. Students interested in training in biochemistry to support their degree program should consult their advisor and the listing of biochemistry courses in the "Courses of Instruction" section of this bulletin, under the heading "BCHE."

### Molecular Biology

While degrees in molecular biology, as well as some undergraduate courses, are offered through the Department of Biological Sciences in the College of Sciences and Mathematics, graduate courses in molecular biology, required in or relevant to many degree programs, are offered through the cooperation of many departments and colleges throughout the university. Students interested in graduate-level training in molecular biology should consult their advisor and the listing of molecular biology courses in the "Courses of Instruction" section of this bulletin, under the heading "CMBL."

## Interdepartmental and Interdisciplinary Curricula

### Biosystems Engineering (BSEN)

The curriculum in agricultural engineering is coordinated by the College of Agriculture and the Samuel Ginn College of Engineering. See the College of Agriculture and the Department of Biosystems Engineering in the Samuel Ginn College of Engineering for further information.

### Environmental Science (ENS)

The curriculum in environmental science is an interdepartmental program based on the strengths of Auburn University in the engineering, biological and physical sciences. See the Department of Civil Engineering in the Samuel Ginn College of Engineering for further information.

### Forest Engineering (FOEN)

The School of Forestry and the Samuel Ginn College of Engineering coordinate the curriculum in forest engineering. See the Department of Biosystems Engineering in the Samuel Ginn College of Engineering for further information.

### Materials Engineering (MATL)

The curriculum in materials engineering is an interdisciplinary curriculum conducted cooperatively by departments in the Samuel Ginn College of Engineering and the College of Sciences and Mathematics. See the Department of Mechanical Engineering in the Samuel Ginn College of Engineering for further information.

### Women's Studies

Women's studies, an interdisciplinary minor, advances teaching, research and scholarship about women and women's perspectives. The minor sheds new light on existing knowledge of women and gender, integrates the study and voices of women into traditional disciplines, examines the impact of the social construction of gender and promotes change to improve women's, men's and children's lives.

Eighteen semester hours in minor (minimum 9 hours at 3000 level or above).

Courses required: different instructors teach many courses listed in the minor. Students are required to check with the program director or a women's studies advisor prior to registering regarding course content.