
GO
places
with the College of Ag

COLLEGE OF AGRICULTURE STUDENT HANDBOOK

Prepared by:
Suzanne Shaw,
Academic Advisor

Table of Contents

College of Agriculture

Administration

Dr. Richard Guthrie, Dean
Dr. Zhanjiang "John" Liu, Associate Dean, Research
Dr. J. David Williams, Interim Associate Dean, Instruction

Main Office:
107 Comer Hall
334-844-2345
www.ag.auburn.edu

Mission

The College of Agriculture at Auburn University is dedicated to educating people and discovering knowledge that improves the lives of all Alabama citizens through our research, instruction and outreach programs.

History

The College of Agriculture traces it roots back to 1872 with the establishment of the Alabama Agricultural and Mechanical College as a Land-Grant college. Throughout its 136-year history, the College has helped advance Alabama's agricultural economy while improving the nutrition, health and standard of living for all citizens.

Text condensed from **Inside Ag Hill** *by Joe Yeager and Gene Stevenson. Images from AU Library Archives*

College of Agriculture

Student Services Staff
Contact Information

Dr. J. David Williams, Interim Associate Dean, Instruction
Dr. Donald Mulvaney, Coordinator, Leadership & Student Development
Ms. Suzanne Shaw, Academic Advisor
Ms. Ann Gulatte, Admin Support Associate
Mrs. Megan Ross, Admin Support Associate
Ms. Deborah Solie, Student Services Coordinator

Main Office:
107 Comer Hall
334-844-2345
www.ag.auburn.edu

Department Heads & Undergraduate Coordinators

Agricultural Economics and Rural Sociology
Department Chair - Dr. Curtis Jolly, 202 Comer, 844-4800
Undergraduate Coordinator - Dr. Patricia Duffy, 844-5629

Agricultural Communications
Undergraduate Coordinator - Dr. Don Mulvaney, 102 Comer, 844-3200

Agronomy and Soils
Department Head - Dr. Joe Touchton, 202 Funchess, 844-4100
Undergraduate Coordinator - Dr. David Weaver, 844-3982

Animal Sciences
Department Head - Dr. Wayne Greene, 210 Upchurch Hall, 844-1523
Undergraduate Coordinator - Dr. Dale Coleman, 844-1512

Entomology & Plant Pathology
Department Chair - Dr. Art Appel, 301 Funchess, 844-5006
Entomology Minor Advisor - Dr. Wayne Clark, 844-2565
Plant Pathology Minor Advisor - Dr. Kathy Lawrence, 844-1956

Fisheries & Allied Aquacultures
Department Head - Dr. David Rouse, 203B Swingle Hall, 844-4786
Undergraduate Coordinator - Tracy Collier Cline, 844-3615

Horticulture
Department Head - Dr. Joe Eakes, 101 Funchess Hall, 844-4862
Undergraduate Coordinator - Dr. Harry Ponder, 844-3035

Poultry Sciences
Department Head - Dr. Don Conner, 201 Poultry Science Bldg., 844-4133
Undergraduate Coordinator - Dr. Roger Lien, 844-2609

INFORMATION FOR NEW STUDENTS

WELCOME to the College of Agriculture! We look forward to having you in our College and getting to know you through your contacts with the Office of Student Services.

FACULTY ADVISORS As a new student in the College of Agriculture, you will be assigned a faculty advisor near the beginning of your first semester. You will be notified by mail of your faculty advisor's name and office address. Please become acquainted with your advisor as soon as possible, because he/she will be a valuable resource for you while you are at Auburn University. In addition to giving you general advice, your advisor can (1) assist you in registering for your courses (your advisor's signature must be on your Schedule Request Form, which will be available from your advisor during each registration period); (2) help locate jobs, internship opportunities and part-time work and provide letters of recommendation; and (3) establish a plan of study for your future courses. NOTE: A list of advance course offerings in the College of Agriculture is available on the college Web site: www.ag.auburn.edu.

TUTORING The College of Agriculture offers a free one-on-one tutoring service for any interested Ag student. Contact the Dean's Office for further information. Students who excel in science and mathematics courses are encouraged to assist with the tutoring service.

PAYMENTS OF UNIVERSITY FEES, TUITION, ETC. Payments must be received in the Office of Student Financial Services on or prior to the due date listed on each statement to prevent the assessment of late-payment charges. In addition to late charges, students who have any unpaid tuition charges for a previous semester may have their registration schedules for upcoming semesters canceled. Students with canceled schedules are required to re-register during the final registration period and may be denied a permit to register until these charges are cleared.

IMPORTANT A student's schedule will not be canceled for nonpayment of fees unless the student informs the Registrar that he/she does not plan to attend. Additionally, a student who does not pay and who does not inform the Registrar will be held responsible for the bill and will not be permitted to register for future semesters until his/her financial obligations to the university are resolved. Students who do not attend must complete a resignation form.

REPEAT OF COURSES No student can repeat a course in which he/she has previously earned a grade of A, B or C without written permission of the student's academic dean. Courses specifically designated as repeatable in the Auburn University Bulletin are exempt from this policy.

SCHOLARSHIPS Many scholarship opportunities are available to our students. Applications for scholarships are available from the College of Agriculture. December 1 is the deadline for applying for College of Agriculture scholarships for the next year. Other non-College scholarships and awards may also be offered. For further information on scholarships, contact the Dean's Office in 107 Comer Hall, 334-844-2345.

AU INTERNATIONAL: AN AGRICULTURAL EXPERIENCE ABROAD Opportunities to gain international agricultural experience exist through this newly endowed program in the College of Agriculture. Applications can be obtained in 107 Comer Hall or 201 Hargis Hall with deadlines of February 15 and October 1.

List of Possible Job Titles by Major

Agricultural Business and Economics
Challenging careers are open to agricultural business graduates in many different fields.

- Bank officer
- Financial manager
- Lawyer
- Commercial credit manager
- Agricultural export broker
- Food broker
- Marketing/sales manager
- Agricultural extension agent

Agricultural Communications
Agricultural communicators are qualified to hold a variety of positions, including the following:

- Writing for magazines – state, regional, national
- Radio and television broadcasting, also dealing with the ag sector
- Sales representatives
- Newspaper reporters
- Public relations positions with agribusiness firms
- Event planning for chambers of commerce
- Information staff members for government agricultural agencies
- Lawyers (this requires more than just an undergraduate degree)

Agronomy and Soils
In addition to farming and farm management, careers are available in business, industry, education, research, government, specialized consulting services, resources conservation and environmental sciences.

- Agronomist
- Soil conservationist
- Soil scientist
- Government official
- Plant geneticist
- Turfgrass specialist
- Golf course superintendent
- Hydrologist
- Environmental health specialist

Animal Sciences
Animal scientists are trained in breeding, nutrition and production of animals and farm management. This is one road leading to a career as a veterinarian.

- Pharmaceutical/chemical development and marketing
- Equine nutritionist
- Livestock marketing and services
- Public health service
- Veterinarian
- Extension agent
- Animal nutritionist

- Biochemist
- Quality control

Fisheries and Allied Aquacultures
Someone with a career in Fisheries might be farming aquatic animals, evaluating and managing fish populations, monitoring and enhancing aquatic environments and supervising recreational fish sites. This is one road leading to a career as a veterinarian.

- Aquatic resource management
- Fisheries Management
- Fish hatchery coordinator
- Marine ecologist
- Water/environmental scientist

Horticulture
Horticulturists work to design landscapes for homes or businesses while researching, studying and producing fruits, vegetables and ornamental plants. Horticulture is a multi-billion-dollar industry that offers a wide variety of career choices.

- Greenhouse manager
- Floral designer/florist
- Landscape designer, installation and maintenance
- Fruit and vegetable production and post-harvest management
- Sales representative
- Municipal horticulturist
- Horticulture/garden writer

Poultry Science
Poultry scientists work with the production and management of the poultry industry. This is one road leading to a career as a veterinarian.

- Food scientist
- Bioterrorism specialist
- Processing and poultry product preparation managers
- Product quality assurance managers
- Sales manager
- Nutritionist

INTERNSHIP OPPORTUNITIES

Internships are win-win situations for students and their employers.

Students gain invaluable on-the-job educational experiences as interns. Through internships, they can learn what a particular line of employment might be like, allowing them to determine firsthand whether that career path is really right for them. Internship experience is also highly valued by most employers as part of a student's undergraduate education.

Employers benefit from internship programs by getting a good look at potential full-time employees. If employers discover an intern with characteristics that match the future plans of their company, they can offer a career position to that individual upon graduation.

Internships, available for students who are enrolled in all areas of the College of Agriculture, are typically experienced during the summer term, although some are arranged other times of the year.

Selection for internship positions is competitive; employers come to campus to conduct interviews just as they would for full-time employment. Students who are selected typically go through a short training program with the company and then are given a specific area of responsibility.

Students who complete internships can earn academic credit. Up to four hours of elective credit is usually available for an internship, to recognize the educational experience and knowledge that the student receives from the internship. Some students may have two or more internships during their college tenure and it is not unusual for an internship to come with excellent financial rewards and other benefits.

Some of the many companies who have employed Auburn University College of Agriculture students as interns include: Alabama Cooperative Extension System, Alabama Agricultural Statistics Service, Alabama Farmers Cooperative, American Cyanamid, Auburn University, Delta Pine Seed, Dixie Ag, Dow AgroSciences, Farm Credit System, Federal Reserve System, FMC Corporation, Ingram Farms, Land O' Lakes, Lipha Tech, Monsanto, RaceTrac Petroleum, Roxell, Southern Progress Corp., Southern United States Trade Association, Successful Money Management, Terra Agricultural Products, Tyson, United States Department of Agriculture, U.S. House of Representatives, U.S. Senate, Walt Disney World and Weil Brothers Cotton.

For additional internship information, please contact any of the following:

Agricultural Communications	**Dr. Donald Mulvaney, (334) 844-2345**
Agricultural Economics	**Dr. Deacue Fields, (334) 844-4931**
Agronomy	**Dr. Beth Guertal, (334) 844-3999**
Animal Sciences	**Dr. Dale Coleman, (334) 844-1512**
Entomology	**Dr. Wayne Clark, (334) 844-2565**
Fisheries	**Mrs. Tracy Collier-Cline, (334) 844-4786**
Horticulture	**Dr. Harry Ponder, (334) 844-3035**
Poultry Science	**Dr. Bob Voitle, (334) 844-2603**

College of Agriculture
Student Organizations

Agriculture Student Council: The Ag Council maintains a functional body for coordinating and promoting the advancement of agricultural organizations at Auburn University. It hosts several annual Ag Hill events such as the Ag Organizations Night, Ag Hill Picnic and the Ag Hill Blood Drive. The Council is composed of the president, vice president and senator elected by the students of the College of Agriculture and two representatives of each recognized agricultural organization. Advisor: Dr. Don Mulvaney (mulvadr@auburn.edu)

Ag Ambassadors: Ag Ambassadors is a select group of agricultural students dedicated to enhancing the image of and the interest in the College of Agriculture and Auburn University. Ag Ambassadors, organized in 1983, serve as the official student representatives of the College of Agriculture, the Alabama Agricultural Experiment Station and the Ag Alumni Association. The Ag Ambassadors work to recruit quality high school and junior college students for the College. Applications are sent to qualifying students in the spring of each year and membership is based on an application/interview process. Advisor: Deborah Solie (das0002@auburn.edu)

Ag Communicators of Tomorrow: The vision of Auburn University's Agriculture Communicators of Tomorrow is to be an organization for developing and strengthening agricultural communication students through professional growth opportunities and educational programs. Through meetings, writing experiences and opportunities for the AG Combine newsletter, our mission is to build relationships among agricultural communication professionals, college students and faculty; to provide professional and academic development for members; and to promote agriculture through communications efforts. Advisors: Dr. Don Mulvaney (mulvadr@auburn.edu) and Deborah Solie (das0002@auburn.edu)

Ag Committee of 19: The College of Agriculture's Committee of 19 is a subcommittee of the campus wide Committee of 19. The number 19 symbolizes the 19 cents it takes to feed a child in a third-world country for an entire day. The campus wide committee consists of a representative from each college on campus as well as many other organizations. The main focus of the Committee of 19 is raising awareness about the War On Hunger around the world today. The Committee of 19 works in conjunction with The World Food Programme in a global effort to end hunger. During the year, the committee sponsors numerous activities to raise awareness and funds to support the War on Hunger. Some events include: Hunger Week, Stop Hunger Now Truck, Sunbelt convention and the annual Summit conference. Advisor: Dr. Bill Hardy (hardywe@auburn.edu)

Agronomy Club: The Agronomy Club is a student division of both the American Society of Agronomy and the Golf Course Superintendent's Association of America. The club participates in numerous events sponsored by these organizations including regional and national meetings. Other activities include a soil judging team that competes regionally and nationally, a sweet corn sale fundraiser and sponsoring Teacher of the Year for the Agronomy and Soils Department. Anyone with an interest in agronomy is invited to attend. Advisors: Dr. David Weaver (weavedb@auburn.edu) and Dr. Elizabeth Guertal (guertea@auburn.edu)

Alpha Zeta: Alpha Zeta is the honor fraternity of the college. This honorary offers membership to both men and women enrolled in agricultural curriculums at Auburn University who are in the academic upper 20% of their major. Alpha Zeta sponsors many service projects such as community garden plots which are available to those in the Auburn area. Advisor: Dr. Stephen Schmidt (schmisp@auburn.edu)

American Fisheries Society: The Auburn Chapter of the American Fisheries Society is open to any student interested in fisheries or aquacultures. The club participates in Adopt-A-Stream and Adopt-A-Mile programs and presents wildlife conservation programs at local elementary schools. Advisor: Dr. Allen Davis (davisda@auburn.edu)

Auburn Young Farmers: The Auburn Young Farmers seek to develop leadership training and experience; expand varied interests of young, rural Alabamians; create awareness of the problems that face today's young farmers; promote better understanding of agribusiness, broaden the understanding about the organization, operation and policies of the Alabama Farmers Federation; and give Alabama's young farmers the opportunity to have a vital voice in Alabama and its government. The group participates in Youth Leadership Camps, charity drives, Ag Hill and campus activities and other fun events. Advisor: Dr. Bill Hardy (hardywe@auburn.edu)

Block & Bridle Club: The Auburn University Block & Bridle club is a non-profit, special-interest club based in the Department of Animal Sciences. The club's focus is on animal agriculture. Some of the yearly events include attending the B&B National Convention, the Little International Livestock Show, AG Olympics and many others. Advisor: Dr. Dale Coleman (colemda@auburn.edu)

Collegiate 4-H Club: The AU Collegiate 4-H Club strives to serve the University, the Alabama Cooperative Extension System, the public of the State of Alabama as well as our nation through our service, leadership and dedication to 4-H and its members. The club is affiliated with ACES and provides leadership and assistance in state and local 4-H events. Meetings are open to any interested student. Advisor: Dr. Tony Cook (cookja1@auburn.edu)

Collegiate FFA: Continuing with the principles of the FFA organization, the Auburn chapter strives to create interest in agriculture and agricultural education. They sponsor a variety of recreational and educational activities for students. The Collegiate FFA organization also participates in service oriented projects with high school students throughout the state such as steer shows and agribusiness endeavors. Advisor: Dr. Gordon Patterson (pattegd@auburn.edu)

Horseman's Club: This club is open to all students who have an interest in horses or related activities. Although owning a horse is not required, members are able to learn about and experience horses in fun and exciting ways, as well as meet people with similar interests. The club meets during the first and third weeks of each month during the fall and spring semesters. Activities include monthly lectures from equine professionals, Horsin' Around fun day, Spook Fest, Saddle Up for St. Jude and the Alabama Horse Fair. Advisor: Dr. Cindy McCall (mccalca@auburn.edu) website: www.auhorseclub.com

Horticulture Forum: Horticulture Forum is an active part of the College of Agriculture, both on campus and in the community. Horticulture Forum's main objective is community service and to promote fellowship and further educational opportunities in the field of horticulture. Some of their activities include hosting an alumni reunion, participating in Ag Roundup, horticulture-related field trips and a variety of landscape community service projects for the city of Auburn, local retirement homes and botanical gardens across the state. Advisor: Dr. Raymond Kessler (kessljr@auburn.edu)

Meat Science Association (MSA): MSA is open to any undergraduate or graduate student with any interest in meat products or cooking and preparing meat. The purpose of the MSA is to promote knowledge, activities and comradery among students interested in Meat Science and Muscle Biology. Activities of this association acquaint students with meat scientists in the industry and provide students with the opportunity to become successful in the work field. Advisor: Dr. Chris Kerth (ckerth@acesag.auburn.edu)

National Agri-Marketing Association (NAMA): NAMA established its Auburn chapter in 1992 to represent students interested in careers in agriculture and agribusiness. The purpose of the chapter is to help students develop skills in leadership, marketing and communication; and to connect them with the career contract network through professional programs, field trips, industry speakers and other special projects. Since the emphasis of the club is on career development, membership in NAMA is open to all students in all majors. Advisor: Dr. Robert Nelson (nelsorg@auburn.edu)

Professional Landcare Network (PLANET): PLANET provides students with professional opportunities in landscape horticulture. Meetings frequently include speakers from industry and each spring members travel to the national PLANET Student Career Days competition where they compete in events relating to all areas of the landscape horticulture industry. In addition to the competitive events, students also make industry contacts for internship and job opportunities. Advisor: Dr. Amy Wright (wrigham@auburn.edu)

Poultry Science Club: The Poultry Science Club was developed in order to expose students to the poultry industry and strengthen relations with the departmental faculty. The club aids in recruiting qualified students into the College of Agriculture. Membership is open to anyone interested in any part of the poultry industry. Some of the club's activities include smoked bird sales, a chick incubation and educational projects for local elementary schools and promoting opportunities in poultry by helping with activities to raise scholarship funds for students interested in coming to Auburn University with an interest in poultry. The Poultry Science club also supports student/industry networking opportunities by inviting industry speakers to club meetings. Advisors: Dr. Ken Macklin (macklks@auburn.edu); Vanessa Kretzchmar (kretzvk@auburn.edu)

Pre-Veterinary Medical Association (PVMA): The PVMA is a group of dedicated pre-vet students brought together by a common interest in veterinary medicine and their love of animals. The group transcends differences in majors and even colleges within the University. The purpose of PVMA is to stimulate student interest in veterinary medicine, familiarize students with the expectations associated with pre-veterinary and veterinary education and the veterinary profession; and to build strong friendships among pre-vet students. Some of the club's activities include panel discussions with current vet students and dinner outings. Check the web site: www.auburn.edu/prevet/ for more information

Sigma Alpha- Beta Eta Chapter: Sigma Alpha is a professional agricultural sorority that promotes scholarship, leadership, service and fellowship among its members. The sorority was founded in 1978 at Ohio State University by five women who wanted an alternative to the social Greek sorority system. The group supports Ag in the Classroom as it's national service project. The group's motto is "Women Excelling in Agriculture". Advisor: Katie Hardy (hardykc@auburn.edu)

UNDERGRADUATE MAJORS

Agriculture Business and Economics

Agricultural Communication

Agronomy and Soils
- Business
- Production
- Science
- Turfgrass Management

Animal Sciences
- Equine Science Option
- Muscle Foods Option
- Production/Management Option
- Pre-Veterinary Medicine/Pre-Professional Option

Fisheries and Allied Aquacultures
- Fisheries and Allied Aquacultures
- Pre-Professional

Horticulture
- Fruit and Vegetable Production
- Landscape
- Nursery and Greenhouse Science
- Pre-Landscape Architecture

Poultry Science
- Poultry Production
- Processing and Products
- Pre-Veterinary Medicine

Agricultural Business and Economics

1. Opportunity to develop both personally and professionally.

2. The business side of agriculture will continue to expand, thereby providing excellent employment opportunities, particularly for those graduates with good academic credentials and flexibility in job location preferences.

3. Excellent student-faculty interaction, which is fostered through direct student advising by senior faculty.

4. Opportunity for student employment in the department, which will broaden their learning experiences.

5. Opportunities to interact with industry contracts in the classroom, public workshops and meetings and through the internship programs.

6. Emphasis is placed on applied training in business management, marketing and finance with considerable hands-on experiences. These experiences (inside and outside the classroom) lead to employment opportunities, not only in the agricultural sector but also in other non-agricultural businesses.

7. The department stresses the development of analytical skills including training in computer applications.

8. Minors are also provided in Agribusiness Management, Natural Resource Management and Community and Economic Development.

Agricultural Business and Economics (AGEC)

First Semester			Second Semester		
		FRESHMAN YEAR			
ENGL 1100	English Composition I	3	ENGL 1120	English Composition II	3
HIST 1210	Technology & Civilization I[a]	3	HIST 1220	Technology & Civilization II[a]	3
MATH 1680	Calculus w/ Business Applications I.	4	ECON 2020	Principles of Microeconomics	3
SOCY 1000	Sociology: Global Perspective	3	COMP 1000	Personal Computer Applications	2
	Fine Arts Core[b]	3	MATH 1690	Calculus w/ Business Applications II	3
		16			14
		SOPHOMORE YEAR			
ENGL 2200	World Literature I	3	ENGL 2210	World Literature II	3
BIOL 1020/1021	Principles of Biology/Lab	4	BIOL 1030/1031	Organismal Biology/Lab.	4
ACCT 2110	Principles of Financial Accounting	3	ACCT 2210	Principles of Managerial Accounting	3
PHIL 1040	Business Ethics or		STAT 2610	Statistics for Business & Economics or	
PHIL 1020	Introduction to Ethics	3	STAT 2510	Statistics for Biol. & Health Sciences	3
ECON 2030	**Principles of Macroeconomics (M)**	**3**	COMM1000	Public Speaking	3
		16			16
		JUNIOR YEAR			
AGEC 3010	**Agribusiness Marketing (M)**	**3**	**AGEC 4040**	**Agricultural Finance (M)**	**3**
ECON 3020	**Intermediate Microeconomics (M)**	**3**	AGEC 4950	Undergraduate Seminar	0
ENGL 3080	Business Writing	3		Agriculture Elective[c]	3-4
	Agriculture Elective[c]	3-4		Professional Elective[d]	4
	Elective	2		Elective……	
		15			4
					15
		SENIOR YEAR			
AGEC 4070	**Agricultural Law(M)**	**3**	**AGEC 4300**	**Agricultural Policies &Trade(M)**	**3**
AGEC 5090	**Resource Economics I (M)**	**3**	**AGEC 5010**	**Farm Management (M)**	**3**
GEC 5100	**Agricultural Business Management (M)**	**3**	**AGEC 5030**	**Agricultural Prices (M)**	**3**
	Professional Elective[d]	5		Professional Elective[d]	5
		14			14

Total = 120 Semester Hours

"Courses in the Major" are in **bold** print and designated (M) (30 credit hours; used to calculate "GPA in the Major")

Total hours = 120

[a] HIST 1010 & 1020 (World History I & II) may be substituted.

[b] Select one from: ARCH 2600; ARTS 1710, 1720 or 1730; MUSI 2730; or THEA 2010.

[c] Select one Agriculture Elective from Group I and one from Group II below:

(Group I - Animal Sciences): ANSC 1000 or POUL 1000 and

(Group II - Plant Sciences): AGRN 1000, HORT 2010, HORT 2020 or HORT 2030.

[d] Select from any course at the 3000-level or higher in the College of Agriculture, the College of Business, or the School of Forestry and Wildlife, as well as offerings at the 3000 level or better in Sociology, Anthropology, Geography, Political Science, or Statistics.[e] Basic Soil Science (AGRN 2040) may also be counted as a professional elective, as may up to 8 hours of a foreign language, regardless of the level. Any course that is used to complete a minor may also be counted as a professional elective. Students are encouraged to see their advisors to plan their professional electives around an interest area that best meets their career aspirations.

[e]Exception: AGEC 4000, Principles of Agribusiness Management, may not be taken as a professional elective.

Agricultural Communications

1. The fast-paced world of global agriculture calls for adaptive communicators able to stay on the cutting edge of change and technology.

2. Goals are to development of proficient communicators who:
   - promote a broader understanding of agriculture among a diverse national and global citizenry,
   - recognize and exercise with integrity their potential as catalysts for using information and knowledge to improve the quality of life for others,
   - possess a thorough understanding of the important social, scientific, economic and environmental concepts and issues that relate to agriculture,
   - apply critical thinking skills to understand and explain complex agricultural issues and their implications on local, national and international levels

3. The curriculum provides systematic study and development of skills in all forms of effective communication: writing, speaking, journalism, media and public relations, leadership, photography, digital media, instructional design, graphic and web design, information technology, publishing, research and marketing.

4. Prepared with a foundation of biological, chemical sciences and strong science-based agricultural courses, AGCO graduates are highly sought after for careers which extend knowledge about agriculture, natural resources and life and human sciences to people worldwide.

5. Students may possibly be able to pursue one of five emphasis tracks (in submission): Ag Journalism, Ag Public Relations / Marketing, Ag Radio & Television, General Ag Communication and Leadership, or Ag Extension & Learning

6. Internal transfers must have a 2.3 GPA and an internship is required.

7. Opportunities for portfolio development within the college are numerous and include the student organization: Ag Communicators for Tomorrow (ACT)

8. Possible internships and careers include writers, database programmers, photographers, graphic designers, web developers, videographers, electronic/digital media producers, marketing specialists, public relations practitioners, publishers, researchers, distance education specialists, educators and manger / editors of magazines and newsprint.

9. Graduates work throughout corporate America, institutions of higher learning, government agencies, medical technology operations, lobbyist groups and research organizations in the public and private sectors. This combination of technical subject matter knowledge and communication skills is not found in other curricula.

Agricultural Communications (AGCO)

FRESHMAN YEAR

First Semester		Second Semester	
ENGL 1100, Written Composition I	3	ENGL 1120, Written Composition II	3
Core History I	3	**AGRI 1080 Ag Communications**	**3**
MATH 1130, Pre-Calculus w/Trig	3	Core History II	3
COMM 1000, Public Speaking	**3**	Core Social Science Gr. I	3
BIOL 1020, Prin. of Biology	4	BIOL 1030, Organismal Biology	4
	16		16

SOPHOMORE YEAR

JRNL 1100, Newspaper Fund	**3**	**COMM 3500 Fdn of Human Comm**	**3**
Core Fine Arts	3	ENGL 2210, World Literature II	3
CHEM 1010, Survey of Chemistry	3	Ag Elective	3
CHEM 1011, Survey of Chem I Lab	1	Supporting Courses in track……	4
ENGL 2200, World Literature I	3		13
Ag Group I:			
POUL 1000, Intro. Poultry Science OR			
ANSC 1000, Intro. Animal Science	3 or 4		
	16-17		

JUNIOR YEAR

COMM 3600 Fdn Rhetoric & Soc Influence	**3**	**RTVF 3300 Fdn Mass Comm**	**3**
Supporting Courses in track……	3	Supporting Courses in track……...3	
COMP 1000 Computer Applications……*	2	Ag Group II:	
Ag Group II:		HORT 2020, Hort. Crop Prod.; OR	
HORT 2020, Hort. Crop Prod.; OR		HORT 2210, Landscape Gardening OR	
HORT 2210, Landscape Gardening OR		AGRN 1000, Basic Crop Sci.; OR	
AGRN 1000, Basic Crop Sci.; OR		AGRN 2040, Basic Soils Science OR	
AGRN 2040, Basic Soils Science OR		ENTM 2040 Insects (3) OR	
ENTM 2040 Insects (3) OR		PLPA 2000 Pests, Pathogens, Parasites, and People (3)	3-4
PLPA 2000 Pests, Pathogens, Parasites, and People (3)	4	**AGEC 3010, Agric. Marketing or AGEC 4000 Prin. Of Agribusiness Management …..3**	
ECON 2020, Principles Micro Economics	** 3	Core Philosophy…….	3
(**Counts as Core Social Science Gr II)	15		15-16

Summer: AGRI 4920 INTERNSHIP (3 or 6)

SENIOR YEAR

PRCM 3040, Fdn. of Public Relations	**3**	Supporting Courses in track..…….9	
Supporting Courses in track……	9	**AGEC 4070, Agri. Law**	**3**
Ag Elective	2	Free Elective	1-3
	14		13-15

TOTAL 123

*Students will be expected to have proficiency in microcomputer applications and may take a class commensurate with level of proficiency or take Comp 1AA0 Competency Test.

COURSES FOR RADIO, TELEVISION AND FILM TRACK (total = 28)

Required courses – (15)

RTVF 2330 Live Event Production (3), RTVF 2370 Electronic Field Production (3) or RTVF 3380 Broadcast News writing (3), RTVF 2800 Multimedia Production (3), RTVF 3350 Writing for Radio, Television and Film (3), RTVF 4350 Media Relations (3)

Supporting Courses - select five of the following (13)

AGRI 4970 Topics in Ag Comm. and Leadership (3), JRNL 2310 Reporting (3), JRNL 3220 Feature Writing (3), RTVF 3420 Introduction to Filmmaking (3), RTVF 4310 Media and Society (3), RTVF 4200 History of American Broadcasting (3), RTVF 4260 Media and Reality (3), RTVF 4240 Women and Mass Media (3), RTVF 4300 Broadcast Programming (3), RTVF 4310 Media and Society (3), RTVF 4330 Media Law and Regulation (3), RTVF 4410 Broadcast News Production (3)

COURSES IN PUBLIC RELATIONS/PROMOTION (total = 28)

Required courses – (15)

JRNL 2210 Newswriting (3), COMM 3110 Persuasive Discourse (3), PRCM 3050 Public Relations Cases (3) or PRCM 4040 (3), PRCM 4020 Style and Design in PR Messages (3), PRCM 4080 Writing for Public Relations (3)

Supporting Courses - select five of the following (13)

AGRI 4970 Topics in Ag Comm. and Leadership (1-3), ANSC 4800 Issues in Agriculture (2), COMM 3450 Intercultural Communications (3), COMM 3700 Argumentative Discourse (3), COMM 4600 Political Communication (3), JRNL 2310 Reporting (3), JRNL 3220 Feature Writing (3), PRCM 4040 Case Studies & Ethics in PR (3) or PRCM 3050, PRCM 3270 Public Relations in the Not-For-Profit Arena (3), PRCM 3280 Social Media and Public Relations (3), PRCM 3080 International Public Relations (3), MKTG 3310 Principles of Marketing (3), MKTG 3410 Consumer Behavior (3), MKTG 4320 Promotion Strategy (3), MKTG 4390 Personal Selling (3) MKTG 4600 Green Marketing (3), MKTG 4400 International Marketing (3), RTVF 4350 Media Relations (3)

COURSES IN COMMUNICATION TRACK (28 total)

Required Course – (12)

COMM 2010 Message Prep and Analysis (3), COMM 2400 Communication in Organizations (3), COMM 2410 Small Group Communication (3), COMM 3100 Speaking Before Audiences (3)

Supporting Courses - select six of the following (16)

AGRI 4970 Topics in Ag Comm & Leadership (1-3), ANSC 4800 Issues in Ag (2), JRNL 2310 Reporting (3), JRNL 3220 Feature Writing (3) RTVF 4210 Popular Culture and Mass Communic. (3), RTVF 4330 Media Law and Regulation (3), COMM 3110 Persuasive Discourse (3), COMM 3450 Intercultural Communications (3), COMM 3700 Argumentative Discourse (3), COMM 4100 Communication Strat. of Social Movements (3), COMM 4410 Theories of Leadership (3)

COURSES JOURNALISM TRACK (total=28)

Required courses – (16)

JRNL 2210 Newswriting (3), JRNL 2910 Practicum in Journalism (1), JRNL 2310 Reporting (3), JRNL 3220 Feature Writing (3), JRNL 3410 Photo Journalism (3), JRNL 3470 Newspaper Editing/Design (3)

Choose four of the following (12 cr)

AGRI 4970 Topics in Ag Comm. and Leadership (3), JRNL 4230 Advanced Reporting (3), JRNL 4320 Newspaper Management (3), JRNL 4420 Senior Seminar (3), JRNL 4460 Press Law and Ethics (3), JRNL 4470 Advanced Feature Writing (3), JRNL 4480 Advanced Publication Design (3), JRNL 4970 Special Topics in Journalism (3), RTVF 3350 Writing for Radio, TV/Film (3), RTVF 3380 Broadcast News (3), RTVF 2340 Radio Production (3), RTVF 2370 Electronic Field Production, RTVF 2800 Multimedia Production (3)

Agronomy and Soils

1. The foundation of all agriculture

2. A variety of specialized coursework (i.e., turf management, environmental protection, soil management, weed control, plant breeding, etc.)

3. Numerous career opportunities available (i.e., turfgrass industry, Cooperative Extension System, Natural Resource Conservation Service, public/ private farm management, environmental protection, agricultural industry (fertilizers, pesticides and seed, etc.)

4. 98% of graduates are employed within a year or go to graduate school.

5. Several tracks are offered to satisfy the varied interests of students (turf management, production, business, science)

6. Numerous scholarships are available for qualified students

7. Many intra-departmental student jobs are available

8. Internship programs in all areas of interests

9. Low student to faculty ratio

10. Outstanding faculty with international reputations

AGRONOMY AND SOILS (AGRN)
BUSINESS TRACK

FRESHMAN YEAR	
First Semester	Second Semester
BIOL 1020 Principles of Biology .....4 MATH 1130 Pre-calculus w/ Trig .....3 **AGRN 1000 Basic Crop Sci[1].....4** CHEM 1030 Fundamentals of Chemistry 1.....3 CHEM 1031 Fundamentals of Chemistry Lab.....1 Free elective.....1 16	BIOL 1030 Organismal Biology.....4 CHEM 1040 Fundamentals of Chemistry 2.....3 CHEM 1041 Fundamentals of Chemistry 2 Lab.....1 MATH 1610 Analytic Geometry & Calculus .....4 ENGL 1100 Written Composition I.....3 15
SOPHOMORE YEAR	
ENGL 1120 Written Composition II.....3 CHEM 2030 Organic Chemistry.....3 Core Social Science Group 1 .....3 HIST 1210 Technology and Civilization I.....3 ACCT 2910 Fund. of Accounting Principles 3 15	ECON 2020 (Principles of Microeconomics) .....3 HIST 1220 Technology and Civilization II.....3 ENGL 2200 Great Books I.....3 **AGRN 2040 Basic Soil Science.....4** Free electives.....3 16
JUNIOR YEAR	
AGRN 3120 Weed Science.....4 ENGL 2210 Great Books II .....3 MNGT 3100 Principles of Management.....3 BIOL 3100 Plant Biology .....3 BIOL 3101 Plant Biology Lab 1 14	PLPA 3000 General Plant Pathology .....4 **AGRN 4010 Forage Production and Mgmt. .....3** OR **AGRN 3150 Turfgrass Management.....4** **AGRN 5150 Soil Morphology.....4** **AGRN 4950 Senior Seminar.....1** Free electives..... 1 or 2[2] 14
SENIOR YEAR	
AGRN 5000 Soils and Environ. Quality.....3 **AGEC 4000 Prin. of Agribusiness Mgmt.....3** AGRN 5100 Plant Genetics and Crop Imp .....3 Core ART.....3 Free electives 2 14	AGEC 4070 Ag Law OR AGEC 4040 Ag Finance .....3 **AGRN 4000 Advanced Crop Production .....3** **AGRN 5020 Nutrient Management .....3** Core Philosophy.....3 ENTM 4020 Economic Entomology.....4 UNIV 4@@0 Undergraduate graduation.....0 16
Total Semester Credits: 120	

[1]Courses in boldface type are major courses and require a minimum 2.0 GPA for graduation.
[2]Elective hours required will be determined by whether AGRN 4010 or AGRN 3150 is selected.
* Six credits of advanced ROTC can be substituted for free electives and 1 credit of required courses according to student's interest.

AGRONOMY AND SOILS (AGRN)
PRODUCTION TRACK

FRESHMAN YEAR	
First Semester	Second Semester
BIOL 1020 Principles of Biology .....4 MATH 1130 Pre-calculus w/ Trig .....3 **AGRN 1000 Basic Crop Sci[(1)].....4** CHEM 1030 Fundamentals of Chemistry 1.....3 CHEM 1031 Fundamentals of Chemistry Lab.....1 Free elective.....1 16	BIOL 1030 Organismal Biology.....4 CHEM 1040 Fundamentals of Chemistry 2.....3 CHEM 1041 Fundamentals of Chemistry 2 Lab.....1 MATH 1610 Analytic Geometry & Calculus .....4 ENGL 1100 Written Composition I.....3 15
SOPHOMORE YEAR	
ENGL 1120 Written Composition II.....3 CHEM 2030 Organic Chemistry.....3 ACCT 2910 Fund. of Accounting Principles.....3 HIST 1210 Technology and Civilization I.....3 Free electives 3 15	Core Social Science Group 1 .....3 HIST 1220 Technology and Civilization II.....3 ENGL 2200 Great Books I.....3 **AGRN 2040 Basic Soil Science.....4** Core ART.....3 16
JUNIOR YEAR	
AGRN 3120 Weed Science.....4 ENGL 2210 Great Books II .....3 ECON 2020 (Principles of Microeconomics) .....3 BIOL 3100 Plant Biology .....3 BIOL 3101 Plant Biology Lab 1 14	PLPA 3000 General Plant Pathology .....4 **AGRN 4010 Prin. of Forage Production .....3** **AGRN 4000 Advanced Crop Science.....3** **AGRN 5020 Nutrient Management .....3** Free electives.....1 **AGRN 4950 Senior Seminar.....1** 15
SENIOR YEAR	
AGRN 5000 Soils and Environ. Quality.....3 AGEC 4000 Prin. of Agribusiness Mgmt .....3 **AGRN 5080 Soil Resources and Conserv.....4** **AGRN 5100 Plant Genetics and Crop Imp. .....3** Free elective.....1 14	AGRN 3150 Turfgrass Mgmt .....4 Core Philosophy.....3 **AGRN 5150 Soil Morphology.....4** ENTM 4020 Economic Entomology.....4 UNIV 4@@0 Undergraduate Graduation.....0 15
Total Semester Credits: 120	

[(1)]Courses in boldface type are major courses and require a minimum 2.0 GPA for graduation.

* Six credits of advanced ROTC can be substituted for free electives and 1 credit of required courses according to student's interest.

AGRONOMY AND SOILS (AGRN)
SCIENCE TRACK

FRESHMAN YEAR	
First Semester	Second Semester
BIOL 1020 Principles of Biology .....4 MATH 1130 Pre-calculus w/ Trig .....3 **AGRN 1000 Basic Crop Sci[1].....4** CHEM 1030 Fundamentals of Chemistry 1.....3 CHEM 1031 Fundamentals of Chemistry Lab.....1 Free elective 1 16	BIOL 1030 Organismal Biology .....4 CHEM 1040 Fundamentals of Chemistry 2 .....3 CHEM 1041 Fundamentals of Chemistry 2 Lab.....1 MATH 1610 Analytic Geometry & Calculus .....4 ENGL 1100 Written Composition I 3 15
SOPHOMORE YEAR	
ENGL 1120 Written Composition II.....3 CHEM 2070 Organic Chemistry 1.....3 CHEM 2071 Organic Chemistry 1 Lab.....1 **AGRN 2040 Basic Soil Science.....4** HIST 1210 Technology and Civilization I.....3 14	Core Social Science Group 1 .....3 HIST 1220 Technology and Civilization II.....3 ENGL 2200 Great Books I.....3 CHEM 3050 Analytical Chemistry .....3 CHEM 3051 Analytical Chemistry Laboratory .....1 Free electives.....3 16
JUNIOR YEAR	
AGRN 3120 Weed Science.....4 ENGL 2210 Great Books II .....3 ECON 2020 (Principles of Microeconomics) .....3 BIOL 3100 Plant Biology .....3 BIOL 3101 Plant Biology Lab 1 14	PLPA 3000 General Plant Pathology .....4 **AGRN 4010 Prin. of Forage Production OR** **AGRN 4000 Advanced Crop Production .....3** BIOL 3000 Genetics .....4 PHYS 1500 General Physics I.....4 **AGRN 4950 Senior Seminar.....1** 16
SENIOR YEAR	
BIOL 3200 General Microbiology.....4 Core ART.....3 ENTM 4020 Economic Entomology.....4 **Agronomy & Soils elective[2].....4** 15	**AGRN 5150 Soil Morphology OR** **BIOL 5120 Systematic Botany .....4** **AGRN 5020 Nutrient Management .....3** Core Philosophy .....3 **Agronomy & Soils elective.....4** UNIV 4@@0 Undergraduate Graduation 0 14
Total Semester Credits: 120	

[1]Courses in boldface type are major courses and require a minimum 2.0 GPA for graduation.
[2]Agronomy electives to be taken from courses approved by advisor.
* Six credits of advanced ROTC can be substituted for free electives and up to 3 credits of required courses according to student's interest.

AGRONOMY AND SOILS (AGRN)
TURFGRASS TRACK

FRESHMAN YEAR					
Fall		Spring		Summer	
BIOL 1020 Prin. Biology	4	BIOL 1030 Organ. Biology	4	ENGL 1120 Written Comp 2	3
MATH 1130 Pre-calc	3	CHEM 1040 Fund. Chem 2	3	HIST 1210 Tech & Civ 1	3
AGRN 1000 Crop Science[2]	**4**	CHEM 1041 Chem Lab 2	1	FLSP 1010 Spanish	4
CHEM 1030 Fund Chem	3	**AGRN 2040 Basic Soil Science**	**4**	Free electives	2
CHEM 1031 Chem Lab	1	ENGL 1100 Written Comp 1	3		
	15		15		12
SOPHOMORE YEAR					
CHEM 2030 Organic Chemistry	3	BIOL 3100 or HORT 3000 -	3		
AGRN 3150 Turfgrass[1]	**4**	Plant or Hort Crop Physiology			
AGRN 3120 Weed Science	**4**	ENGL 2200 Great Bks 1	3		
MATH 1610 Analytical Geo	4	HIST 1220 Tech & Civil. 2	3		
		ECON 2020 Microecon.	3		
		Core Social Sci Grp 1	3		
	15		15		
JUNIOR YEAR					
ENGL 2210 Great Bks 2	3	INTERNSHIP		INTERNSHIP	
PLPA 3000 Plant Pathology	4				
Soils Elective	**3**				
BSEN 3560 Turf Syst. Irriga. Dsgn	**3**				
Core Philosophy	3				
	16				
SENIOR YEAR					
PLANT SCIENCE Elective	4	**AGRN 5020 Nutrient Mngt.**	3		
ACCT 2910 Fund. Acct	3	PLANT SCIENCE Elective	3		
ENTM 5030 Insecticides	4	**AGRN 5160 Adv. Turfgrass**	**3**		
Core Art	3	ECON/MNGT Elective	3		
AGRN 3920 Internship	**3**	ENTM 4020 Economic Entm	4		
		AGRN 4950 Senior Seminar	**1**		
		UNIV 4@@0 Undergrad graduation	0		
	17		17		

[1]courses in boldface type are major courses and require a 2.0 minimum GPA for graduation
[2]since there are no free electives in this curriculum six hours of advanced ROTC can be substituted for any course not in the required Core or not a major course (boldfaced)

Select One Course From
Soils Electives:

AGRN 5150 Soil Morphology
AGRN 5000 Soils and Environmental Quality
AGRN 5080 Soil Resources and Conservation

Select One Course From:
Economics/Management Elective:

AGEC 4040 Ag Finance
AGEC 4000 Agribusiness Management
MNGT 3100 Principles of Management
ACCT 2920 Income Taxes for Non-Accountants
ACCT 2990 Business Law

Select Two Courses From:
Plant Science Electives:

HORT 2210 Landscape Gardening
HORT 3210 Small trees, shrubs, vines
HORT 3220 Arboriculture
HORT 5210 Landscape Bidding
HORT 3280 Landscape Construction
AGRN 4000 Advanced Crop Production
AGRN 4010 Forage Production and Utilization
AGRN 5100 Plant Genetics and Crop Improvement

Total: 122 hours

Animal Sciences

1. Only department at Auburn University focused specifically on animals and the science of animal management of both traditional livestock and companion animals.

2. Maintains on-campus horse, beef and swine farms for teaching purposes.

3. Nearly all classes have laboratories for hands-on animal experience.

4. All courses taught by Ph.D. faculty members.

5. Recognized university-wide for development and teaching of student leadership courses.

6. Supports very active student clubs like Block and Bridle Club, Horseman's Club and Pre-Vet Club (multi-discipline).

7. Strong track record for placement of graduates in Vet School and other professional schools.

8. Other career opportunities range from farm/ranch management to food science to biotechnology to secondary education to…

9. Money is currently being raised for a new equestrian center that will have an indoor arena, state-of-the-art classrooms and research equipment.

ANIMAL SCIENCES
- ANEQ -
Equine Science Option

Fall Semester			**Spring Semester**		
Freshman Year:					
ANSC-1100	**Orient. to Animal Sci.**	**1**	**ANSC-1000**	**Intro to Animal Sci.**	**4**
BIOL-1020	Principles of Biology	4	BIOL-1030	Organismal Biology	4
BIOL-1021	Principles of Biology Lab	0	BIOL-1031	Organismal Biology Lab	0
CHEM-1030	**Fund. Chemistry I**	**3**	**CHEM-1040**	**Fund. Chemistry II**	**3**
CHEM-1031	**Fund. Chemistry I Lab**	**1**	**CHEM-1041**	**Fund. Chemistry II Lab**	**1**
ENGL-1100	English Composition I	3	ENGL-1120	English Composition II	3
MATH-1130	Pre-Calculus with Trig.	3			15
		15			
Sophomore Year:					
BIOL-2500	Human Anat. & Physiol. I	4	BIOL-2510	Human Anat. & Physiol. II	4
ENGL-2200	World Literature I	3	CHEM-2030**	Survey of Organic Chem.	3
STAT-2510	Statistics for Biol. Sci.	3	ECON-2020	Prin. Microeconomics	3
Core History I		3	ENGL-2210	World Literature II	3
Directed Elective*		3	Core History II		3
		16			16
Junior Year:					
ANSC-3600	**Reproductive Physiol.**	**4**	**ANSC-3400**	**Animal Nutrition**	**4**
BCHE-3200	**Prin. Biochemistry**	**3**	**ANSC-3500**	**Animal Breeding**	**3**
BIOL-3000	Genetics	4	**ANSC-3800**	**Careers in Animal Sci.**	**1**
PHYS-1000**	Found. of Physics	4	Core Philosophy		3
PHYS-1001**	Found. of Physics Lab	0	Core Social Science Group I		3
		15			14
Senior Year:					
BIOL-3200	General Microbiology	4	AGRN-4010	Forage Prod. & Utilization	3
COMM-1000	Public Speaking	3	**ANSC-4050**	**Horse Production**	**4**
Core Fine Art		3	Directed Electives*		4
Directed Elective*		2	Free Elective		3
Free Elective		3	UNIV-4@@0	Graduation (last term)	0
		15			14
Total =					**120**

***Directed Electives (choose 9 hours):**

ANSC-2050	Intro. Horse Mgt & Trng (3)
ANSC-2650	Equine Biom. & Shoeing (2)
ANSC-3150	Equine Marketing (2)
ANSC-3350	Equine Coaching (2)
ANSC-3650	Physiol. Equine Athlete (2)
ANSC-4450	Equine Nutrition (2)
ANSC-4650	Equine Repro. Tech. (2)

****Applying to Vet School at Auburn:**

Equine Science students wishing to apply to Vet School at Auburn should take the CHEM-2070/2080 sequence with labs and the PHYS-1500/1510 sequence with labs instead of these survey/foundation courses in order to meet the requirements to apply. The additional credit hours will count as free electives toward the Equine Science degree. See your advisor for suggestions on additional science electives for Vet School.

ANIMAL SCIENCES
- ANMF -
Muscle Foods Option

Fall Semester			**Spring Semester**		
Freshman Year:					
ANSC-1100	**Orient. to Animal Sci.**	**1**	**ANSC-1000**	**Intro. Animal Sciences**	**4**
BIOL-1020	Principles of Biology	4	BIOL-1030	Organismal Biology	4
BIOL-1021	Principles of Biology Lab	0	BIOL-1031	Organismal Biology Lab	0
CHEM-1030	**Fund. Chemistry I**	**3**	**CHEM-1040**	**Fund. Chemistry II**	**3**
CHEM-1031	**Fund. Chemistry I Lab**	**1**	**CHEM-1041**	**Fund. Chemistry II Lab**	**1**
ENGL-1100	English Composition I	3	ENGL-1120	English Composition II	3
MATH-1130	Pre-Calculus with Trig	3			15
		15			
Sophomore Year:					
BIOL-2500	Human Anat. & Phys. I	4	BIOL-2510	Human Anat. & Phys. II	4
ECON-2020	Prin. Microeconomics	3	CHEM-2030	Survey of Organic Chem.	3
ENGL-2200	World Literature I	3	ENGL-2210	World Literature II	3
Core History I		3	STAT-2510	Statistics for Biol. Sci.	3
Core Social Science Group I		3	Core History II		3
		16			16
Junior Year:					
ANSC-2700	Value-Based Analysis	2	**ANSC Core I***	**3-4**	
BCHE-3200	**Prin. Biochemistry**	**3**	**ANSC-3700**	**Muscle Foods**	**4**
BIOL-3000	Genetics	4	**ANSC-3800**	**Careers in Animal Sci.**	**1**
Core Fine Art		3	COMM-1000	Public Speaking	3
Core Philosophy		3	Muscle Foods Support Course**		3-4
		15			14-16
Senior Year:					
ANSC-3310	Intro. Meat Selection	2	**ANSC Core II***		**4**
ANSC-4700	**Meat Processing**	**4**	Free Electives		9-11
BIOL-3200	**Gen. Microbiology**	**4**	UNIV-4@@0	Graduation (last term)	0
Muscle Foods Support Course**		4			13-15
		14			
Total =					120

Bolded courses constitute the ANMF major (36-37 hrs; 2.0 GPA required in these courses).

Animal Science Core and Muscle Foods Support Courses:

Animal Science Core* (choose any 2):

ANSC-3400	Animal Nutrition (4)
ANSC-3500	Animal Breeding (3)
ANSC-3600	Reproductive Phys (4)

Muscle Foods Support Courses** (choose 8 hours from the two columns below):

AGEC-4000 Prin Agribus. Mgt (3)	NUFS-4400 Food Processing (4)
ANSC-3610 Animal Growth & Dev. (4)	NUFS-4410 Exp. Food Sci. (3)
BSEN-5550 Prin. Food Engineer. (4)	NUFS-5430 Food Chemistry (4)
POUL-4110 Poultry Proc. (3)	NUFS-5770 Food Plant Sanit (4)
POUL-4160 Prin. Food Safety (3)	

ANIMAL SCIENCES
- ANPM -
Production/Management Option

Fall Semester			**Spring Semester**		
Freshman Year:					
ANSC-1100	**Orientation to ANSC**	**1**	**ANSC-1000**	**Intro. ANSC**	**4**
BIOL-1020	Principles of Biology	4	BIOL-1030	Organismal Biology	4
BIOL-1021	Principles of Biology Lab	0	BIOL-1031	Organismal Biology Lab	0
CHEM-1030	**Fund. Chemistry I**	**3**	**CHEM-1040**	**Fund. Chemistry II**	**3**
CHEM-1031	**Fund. Chemistry I Lab**	**1**	**CHEM-1041**	**Fund. Chemistry II Lab**	**1**
ENGL-1100	English Composition I	3	ENGL-1120	English Composition II	3
MATH-1130	Precalculus with Trig.	3			15
		15			
Sophomore Year:					
BIOL-2500	Human Anat. & Phys. I	4	BIOL-2510	Human Anat. & Phys. II	4
CHEM-2030	Survey of Organic Chem	3	STAT-2510	Statistics for Biol. Sci.	3
ENGL-2200	World Literature I	3	ECON-2020	Prin. Microeconomics	3
Core History I		3	ENGL-2210	World Literature II	3
Core Social Science Group I		3	Core History II		3
		16			16
Junior Year:					
ANSC-3600	**Reproductive Physiol.**	**4**	AGEC-4000	Prin. Agribusiness Mgt.	3
BCHE-3200	**Prin. Biochemistry**	**3**	**ANSC-3400**	**Animal Nutrition**	**4**
BIOL-3000	Genetics	4	**ANSC-3500**	**Animal Breeding**	**3**
Core Philosophy		3	**ANSC-3800**	**Careers In Animal Sci.**	**1**
		14	**BIOL-3200**	**General Microbiology**	**4**
					15
Senior Year:					
Directed Elective I		**4**	Directed Elective II		2-4
COMM-1000	Public Speaking	3	Free Electives		10-12
Core Fine Art		3	UNIV-4@@0	Graduation (last term)	0
Free Electives		5			14
		15			
Total =					120

Bolded courses constitute the ANPM major (36 hrs; 2.0 GPA required in these courses).

Courses for Directed Electives:

Directed Elective I (choose 1):

ANSC-3700	Muscle Foods (4)
ANSC-4000	Modern Livestock Sys. (4)
ANSC-4050	Horse Production (4)
ANSC-5010	Beef Production (4)

Directed Elective II (choose 1 from either of the two columns below):

- Business-related courses:

ACCT-2910	Fund. Account. (3)
AGRI-3800	Ag Leadership Dev. (2)
COMP-1000	Pers. Computer Ap. (2)
ECON-2030	Prin. Macroecon. (3)
ECON-3020	Intermed Micro. (3)
MKTG-3310	Prin. Marketing (3)

- Production-related courses:

AGRN-1000	Basic Crop Sci. (4)
AGRN-2040	Basic Soil Sci. (4)
AGRN-4010	Forage Prod. (3)
ANSC-3610	Animal Growth (4)
ANSC-4700	Meat Processing (4)
BSEN-3500	Nat. Res. Sys. (3)
ENTM-2040	Insects (3)
NUFS-2000	Nutrition & Hlth (3)
POUL-1000	Intro. Poultry Sci (3)

Second Career Track I course (4)

ANIMAL SCIENCES
- ANPV -
Pre-Vet/Pre-Professional Option

Fall Semester			**Spring Semester**		
Freshman Year:					
ANSC-1100	**Orientation to ANSC**	**1**	**ANSC-1000**	**Introductory ANSC**	**4**
BIOL-1020	Principles of Biology	4	BIOL-1030	Organismal Biology	4
BIOL-1021	Principles of Biology Lab	0	BIOL-1031	Organismal Biology	0
CHEM-1030	**Fund. Chemistry I**	**3**	**CHEM-1040**	**Fund. Chemistry II**	**3**
CHEM-1031	**Fund. Chemistry I Lab**	**1**	**CHEM-1041**	**Fund. Chemistry II Lab**	**1**
ENGL-1100	English Composition I	3	ENGL-1120	English Composition II	3
MATH-1130	Pre-calculus with Trig	3			15
		15			
Sophomore Year:					
BIOL-2500	Human Anat. & Phys. I	4	BIOL-2510	Human Anat. & Phys. II	4
CHEM-2070	Organic Chemistry I	3	CHEM-2080	Organic Chemistry II	3
CHEM-2071	Organic Chemistry I Lab	1	CHEM-2081	Organic Chemistry II Lab	1
ENGL-2200	World Literature I	3	ENGL-2210	World Literature II	3
Core HIST I		3	Core FINE ART		3
Social Sciences Group I		3	Core HIST II		3
		17			17
Junior Year:					
ANSC-3600	**Reproductive Physiol**	**4**	**ANSC-3400**	**Animal Nutrition**	**4**
BCHE-3200	**Prin. Biochemistry**	**3**	**ANSC-3500**	**Animal Breeding**	**3**
PHYS-1500	General Physics I	3	**ANSC-3800**	**Careers in Animal Ag.**	**1**
PHYS-1501	General Physics I Lab	1	ECON-2020	Prin. Microeconomics	3
STAT-2510	Statistics for Biol. Sci.	3	PHYS-1510	General Physics II	3
Core PHIL		3	PHYS-1511	General Physics II Lab	1
		17			15
Senior Year:					
BIOL-3000	Genetics	4	Directed Elective II		3-4
BIOL-3200	**Gen. Microbiology**	**4**	Free Electives		5-6
COMM-1000	Public Speaking	3	UNIV-4@@0	Graduation (last term)	0
Directed Elective I		**4**			9
		15			
Total =					120

Bolded courses constitute the ANPV major (36 hrs; 2.0 GPA required in these courses).

Courses for Directed Electives:

Directed Elective I (choose any one):

ANSC-3700 Muscle Foods (4)
ANSC-4000 Modern Livestock Systems (4)
ANSC-4050 Horse Production (4)
ANSC-5010 Beef Production (4)

Directed Elective II (choose any one):

ANSC-3610	Animal Growth & Devel. (4)
BIOL-4000	Histology (4)
BIOL-4100	Cell Biology (3; lab not required)
BIOL-5110	Parasitology (4)
BIOL-5220	Intro. Molecular Genetics (3)
BIOL-5230	Virology (3)
BIOL-5500	Immunology (3; lab not required)

Fisheries and Allied Aquacultures

1. Options in the following:
   - Aquaculture
   - Fisheries Management
   - Aquatic Resources Management
   - Pre Professional

2. The Department of Fisheries and Allied Aquacultures at Auburn University is a world leader in aquaculture, fisheries management and aquatic resource management instruction and research.

3. Bachelor of Science, Master of Science and Doctor of Philosophy degrees are offered which equip individuals with a broad understanding of scientific principles in order to:
   - meet the increasing need for safe, reliable food through aquaculture
   - manage increasing demands for productive recreational fisheries
   - protect our valuable aquatic natural resources

4. Career opportunities exist in:
   - commercial aquaculture, mariculture and agribusiness
   - aquatic ecology
   - environmental management
   - fishery resource management
   - extension
   - state and federal fish hatcheries, environmental monitoring agencies and sport fish wardens

Fisheries and Allied Aquacultures

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
		FRESHMAN YEAR			
ENGL 1100 English Comp. I	3	ENGL 1120 English Comp. II	3		
HIST 1010 World History I	3	HIST 1020 World History II	3		
BIOL 1020 Prin. of Biol.*	**4**	**BIOL 1030 Org. Biology***	**4**		
MATH 1610 Calculus	4	PHYS 1000 Found. Of Physics	4		
Free Elective	1	Free Elective	2		
	15		16		
		SOPHOMORE YEAR			
ENGL 2200 World Literature I	3	ENGL 2210 World Literature II	3	**FISH 2100**	
PHIL Core	3	**BIOL 3060 Prin. of Ecol.***	**4**	**Intro. To Fish Sci.***	**6**
CHEM 1030 Fund. of Chem. I	3	CHEM 1040 Fund. of Chem. II	3		
CHEM 1031 Chem. Lab. I	1	CHEM 1041 Chem. Lab. II	1		
Soc. Sci. Group I	3	ECON 2020 Prin. Micro. Econ.	3		
	13		14		
		JUNIOR YEAR			
FISH 5220 Water Science*	**3**	**FISH 5320 Limnology***	**4**		
STAT 2510 Stat. Biol. & Health	3	CHEM 2030 Organic Chemistry	3		
Emphasis	4	Emphasis	4		
AGEC 2100 Micro Comp. Appl.	3	Fine Art Core	3		
	13		14		
		SENIOR YEAR			
FISH 5380 Gen. Ichthyology*	**4**	Emphasis	9		
Emphasis	4	COMM 1000 Public Speaking	3		
FISH 3950 Seminar*	**1**	Free Elective	3		
FISH 5510 Fish. Bio. & Mgt.*	**3**				
Free Elective	2				
	14		15		
Total Hours			**120**		

***Required Courses in Fisheries Major**

Career Tracks: Undergraduate FISH majors may select one of four career tracks:

- **I. Aquaculture**
- **II. Aquatic Resources Management**
- **III. Fisheries Management**
- **IV. Pre-Professional Option (different Curriculum Model from above)**

(Emphasis Courses listed on back)

Career Track Emphasis Courses

Students must satisfactorily complete 21 semester hours from the following courses according to their chosen Career Track. **Courses in Bold are required for the emphasis.** Note: All course numbers that end in a five (ex. 0005) are taught summers only at either Dauphin Island or the Gulf Coast Research Lab.

I. Aquaculture

FISH 5210	**Prin. of Aquaculture (3)**	**FISH 5240**	**Hatchery Mgt. (4)**
FISH 5250	**Aquaculture Prod. (4)**	**FISH 5410**	**Intr. To Fish Health (2)**
AGEC 4000	**Prin. of Agribusiness (3)**	ACCT 2910	Fund of Acct. (3)
AGEC 3010	Agricultural Marketing (3)	AGEC 4040	Agricultural Finance (3)
AGEC 4070	Agricultural Law (3)	BCHE 3200	Biochemistry (3)
BIOL 3000	Genetics (4)	BIOL 3010	Comparative Anatomy (4)
BIOL 3200	Microbiology (4)	ECON 3020	Intermed. Microeconomics (3)
CHEM 2080/	Organic Chemistry* (3)	FISH 5520	Mgt. of Small Impound. (3)
CHEM 2081	Organic Chemistry*** (**1)	FISH 5630	Facilities in Aquaculture (3)
FISH 4920	Internship in Fisheries (1-10)	FISH 5670	Fisheries Extension (2)
BIOL 2425	Marine Biology (4)	PHYS 1510	General Physics* (4)
BIOL 4515	Marine Invert. Zoology (4)	BIOL 4565	Marine Vertebrate Zoology (4)
BIOL 4575	Marine Ecology (5)	FISH 5215	Marine Aquaculture (2)
FISH 5425	Marine Fish Diseases (4)		

*CHEM 2080 & 2081 may be taken only if have already completed CHEM 2070 &2071
*PHYS 1510 & 1511 may be taken only if have already completed PHYS 1500 & 1501

II. Aquatic Resources Management

BIOL 3000	**Genetics (4)**	AGRN 3040	Basic Soils (4)
BIOL 3030	Evol. And Systematics (3)	BIOL 3200	Gen. Microbiology (4)
BIOL 4010	Invert. Biodiversity (4)	BIOL 4020	Vert. Biodiversity (4)
BIOL 5090	Conservation Biology (3)	BIOL 5550	Wetland Biology (4)
CIVL 3220	Fund. of Water/Waste Treat. (4)	ENTM 3040	Gen. Entomology (4)
FISH 4920	Internship in Fisheries (1-10)	FISH 5210	Prin. of Aquaculture (3)
FISH 5520	Mgt. of Small Impound. (3)	FORY 3440	Environmental Law (3)
FORY 5240	Watershed Management (2)	FORY 5470	GIS Applications (2)
BIOL 4565	Marine Vertebrate Zoology (4)	BIOL 4575	Marine Ecology (5)

III. Fisheries Management

BIOL 3000	**Genetics (4)**	**FISH 5520**	**Mgt. of Small Impound. (3)**
BIOL 4020	Vert. Biodiversity (4)	BIOL 5090	Conservation Biology (3)
BIOL 5550	Wetland Biology (4)	FISH 4920	Internship in Fisheries (1-10)
FISH 5210	Prin. of Aquaculture (3)	FISH 5240	Hatchery Mgt. (4)
FISH 5410	Intr. To Fish Health (2)	FISH 5670	Fisheries Extension (2)
FORY 3440	Environmental Law (3)	FORY 5240	Watershed Management (2)
FORY 5470	GIS Applications (2)	BIOL 4565	Marine Vertebrate Zoology (4)
FISH 5745	Marine Fisheries Mgt. (4)		

Fisheries and Allied Aquacultures---Pre-Professional Option

FALL SEMESTER		SPRING SEMESTER		SUMMER SEMESTER	
		FRESHMAN YEAR			
ENGL 1100 English Comp. I	3	ENGL 1120 English Comp. II	3		
CHEM 1030 Fund. of Chem. I	3	CHEM 1040 Fund. of Chem. II	3		
CHEM 1031 Chem. Lab. I	1	CHEM 1041 Chem. Lab. II	1		
BIOL 1020 Prin. of Biol.*	**4**	**BIOL 1030 Org. Biology***	**4**		
MATH 1130 Pre-Calc Trig.	3	PHIL Core	3		
Free Elective	1	Free Elective	2		
	15		16		
		SOPHOMORE YEAR			
ENGL 2200 World Literature I	3	ENGL 2210 World Literature II	3	**FISH 2100**	
ECON 2020 Prin. Micro. Econ	3	**BIOL 3060 Prin. of Ecol.***	**4**	**Intro. To Fish Sci.***	**6**
CHEM 2070 Organic Chem. I	3	CHEM 2080 Organic Chem. II	3		
CHEM 2071 Org. Chem. I Lab	1	CHEM 2081 Org. Chem. II Lab	1		
PHYS 1500 Intro. Physics	3	PHYS 1510 Intro. Physics II	3		
PHYS 1501 Intro. Physics I Lab	1	PHYS 1511 Intro. Physics II Lab	1		
	14		15		
		JUNIOR YEAR			
FISH 5220 Water Science*	**3**	Science Electives	6		
HIST 1010 World History I	3	HIST 1020 World History II	3		
Fine Art Core	3	STAT 2510 Stat. Biol. & Health	3		
COMM 1000 Public Speaking	3	Soc. Science Group I	3		
BCHE 3200 Prin. Biochemistry*	**3**				
	15		15		
		SENIOR YEAR			
FISH 5380 Gen. Ichthyology*	**4**	**FISH 5320 Limnology***	**4**		
FISH 5410 Fish Health*	**2**	Emphasis	3		
FISH 3950 Seminar*	**1**	Free Electives	4		
FISH 5510 Fish. Bio. & Mgt.*	**3**				
Emphasis	3				
	13		11		
	14				
Total Hours			**120**		

***Required Courses in Fisheries Major**

Students in the Pre-Veterinary Medicine emphasis must satisfactorily complete 6 semester hours of **Emphasis** courses **plus** 6 semester hours of **Science Electives.**

Emphasis Courses……	FISH 5210 Prin. of Aquaculture	3	FISH 5240 Hatchery Mgt.	4
	FISH 5250 Aquaculture Prod.	4	FISH 5520 Mgt. of Sml. Impound.	3
Science Electives……..	ANSC 3400 Animal Nutrition	4	BIOL 3000 Genetics	4
	BIOL 3010 Comparative Anatomy	4	BIOL 3200 Microbiology	4
	BIOL 4000 Histology	4		

Horticulture

1. One of the oldest Horticulture Departments in the United States, having been founded in 1896.

2. One of the three largest Horticulture Departments offering the same programs in the United States.

3. Offers comprehensive job placement services for all of its graduates and for former students who wish to relocate. Has unmatched record among Horticulture Departments in placing all graduates who seek careers in horticulture. Graduates typically have from three to twenty job offers.

4. Offer an internship program that is the largest in the College of Agriculture. Horticulture students are able to intern with major horticulture enterprises all over the United States and even some do internships overseas.

5. Professional Landcare Network (PLANET) team competes nationally each year and consistently earns a very high ranking.

6. Gardening (horticulture) continues to be ranked the number one past-time of Americans. In 1998 more than $47 billion was spent on plants and plant-related products. Another almost $17 billion was spent on hiring professional landscape horticulturists to perform landscape services. These numbers represent significant increases from the previous year and show that horticulture continues to be a growing industry with no end to its growth in sight. This expansion continues to produce new jobs for horticulture graduates.

7. The Horticulture Department offers a variety of study abroad opportunities and in 2007 students traveled to England and France to study. Previous trips included The Netherlands and Costa Rica.

HORTICULTURE (HORT)

FRUIT AND VEGETABLE PRODUCTION EMPHASIS

FRESHMAN YEAR		
FALL SEMESTER	**SPRING SEMESTER**	**SUMMER SEMESTER**
ENGL 1100 ENGLISH COMPOSITION I..... 3	ENGL 1120 ENGLISH COMPOSITION II 3	
BIOL 1020 PRINCIPLES OF BIOLOGY..... 4	BIOL 1030 ORGANISMAL BIOLOGY..... 4	
HIST 1010 WORLD HISTORY I..... 3	HIST 1020 WORLD HISTORY II 3	
MATH 1130 PRE-CALCULUS W/TRIG 3	CORE FINE ARTS..... 3	
HORT 1010 INTRO TO HORTICULTURE.... 1	COMM 1000 PUBLIC SPEAKING..... 3	
14	16	
SOPHOMORE YEAR		
CORE PHILOSOPHY 3	ENGL 2210 WORLD LITERATURE II 3	
ENGL WORLD LITERATURE I 3	CHEM 1040 FUND OF CHEMISTRY II 3	
HORT 2010 FRUIT & NUT PROD 4	CHEM 1041 FUND OF CHEM II LAB 1	
CHEM 1030 FUND OF CHEMISTRY I..... 3	**HORT 2030 VEG PRODUCTION..... 3**	
CHEM 1031 FUND OF CHEM I LAB 1	ACCT 2910 FUND OF ACCOUNTING..... 3	
	HORT 2240 PLANT PROPAGATION..... 3	
14	16	
JUNIOR YEAR		
CORE SOCIAL SCIENCE GROUP 1 3	ECON 2020 PRIN OF MICROECONOMICS .. 3	**HORT 5110 TREE FRUIT CULTURE[1] 3**
PLPA 3000 GEN PLANT PATHOLOGY 4	ENTM 4020 ECONOMIC ENTOMOLOGY ... 4	
HORT 3000 GROWTH & DEV OF HORT PLANTS..... 3	COMP 1000 PERSONAL COMPUTER APP .. 2	
GROUP 1 OR 2.....3 OR 4	**HORT 5120 SMALL FRUIT & PECAN CULTURE[2] 3**	
	GROUP 1 OR 2 .....3 OR 4	
13-14	15-16	3
SENIOR YEAR		
HORT 5130 SUSTAINABLE VEG CROP PROD..... 3	**HORT 5140 POSTHARVEST BIOL & TECH 3**	
AGRN 2040 BASIC SOIL SCIENCE..... 4	**GROUP 1 OR 2 .....3 OR 4**	
ELECTIVES 7	**GROUP 1 OR 2 .....3 OR 4**	
	ELECTIVES ..... 4 TO 6	
14	13-17	

TOTAL SEMESTER CREDITS: 120

GROUP 1 (BUSINESS EMPHASIS): CHEM 2070 AND CHEM 2071-ORGANIC CHEMISTRY AND LAB (4); HORT 2210-LANDSCAPE GARDENING (4); AGEC 3010-AGRIC MKT (3); AGRN 3150-TURFGRASS MANAGEMENT (4); AGRN 3120-PRINCIPLES OF WEED SCIENCE (4); MKTG 3310-PRINCIPLES OF MARKETING (3); FINC 3610-PRINCIPLES OF BUSINESS FINANCE (3); AGEC 4070-AGRIC LAW (2); HORT 4150-RETAIL GARDEN CENTER MANAGEMENT (4); AGEC 4000- PRINCIPLES OF AGRIBUSINESS MNG (4); HORT 5230-NURSERY MANAGEMENT (3).

GROUP 2 (SCIENCE EMPHASIS): CHEM 2070 AND CHEM 2071-ORGANIC CHEMISTRY AND LAB (4); CHEM 2080 AND CHEM 2081-ORGANIC CHEMISTRY AND LAB (4); BIOL 3000-GENETICS (3); STAT 2510-INTRODUCTORY STATISTIC AND STAT 2160-INTRO STATISTICAL COMPUTING (4); AGRN 3120-PRINCIPLES OF WEED SCIENCE (4); CHEM 3050 AND CHEM 3051-ANALYTICAL CHEMISTRY AND LAB (4); CHEM 5180 AND CHEM 5181-BIOCHEMISTRY AND LAB (4); CHEM 5190 AND CHEM 5191-BIOCHEMISTRY 2 AND LAB (4); MATH 1610-CALCULUS I (4); MATH 1620-CALCULUS II (4); PHYS 1500-GENERAL PHYSICS (4); PHYS 1510-GENERAL PHYSICS II (4).

NOTE: **BOLDED** COURSES CONSTITUTE THE MAJOR.

[1]Odd years only.

[2]Even years only.

CONTACT PERSON: DR. WHEELER FOSHEE

HORTICULTURE (HORT)

LANDSCAPE HORTICULTURE EMPHASIS

FRESHMAN YEAR	
FALL SEMESTER	**SPRING SEMESTER**
HORT 1010 INTRO TO HORTICULTURE.....1 MATH 1130 PRE-CALCULUS W/TRIG **OR**.....3 MATH 1150 PRE-CALCULUS ALGEBRA & TRIG.....4 BIOL 1020 PRINCIPLES OF BIOLOGY.....4 ENGL 1100 ENGLISH COMPOSITION I.....3 CORE HISTORY I.....3 14 OR 15	ENGL 1120 ENGLISH COMPOSITION II.....3 BIOL 1030 ORGANISMAL BIOLOGY .....4 CHEM 1030 FUND OF CHEMISTRY I .....3 CHEM 1031 FUND OF CHEMISTRY I LAB .....1 CORE HISTORY II.....3 14
SOPHOMORE YEAR	
ENGL 2200 WORLD LITERATURE I.....3 ECON 2020 MICROECONOMICS .....3 COMP 1000 PERSONAL COMPUTER APPLICATIONS .....2 AGRN 2040 BASIC SOIL SCIENCE.....4 CORE SOCIAL SCIENCE GROUP 1 .....3 15	CORE PHILOSOPHY.....3 ENGL 2210 WORLD LITERATURE II.....3 COMM 1000 PUBLIC SPEAKING .....3 **HORT 2240 PLANT PROPAGATION .....3** **HORT 3210 SMALL TREES SHRUBS & VINES 4** 16
JUNIOR YEAR	
PLPA 3000 GENERAL PLANT PATHOLOGY .....4 **HORT 3220 ARBORICULTURE .....4** AGRN 3150 TURFGRASS MANAGEMENT.....4 **HORT 3000 GROWTH & DEV OF HORT PLANTS .....3** **HORT 3950 CAREERS IN HORTICULTURE 1** 16	ENTM 4020 ECONOMIC ENTOMOLOGY .....4 **HORT 4100 HERBACEOUS ORNAMENTALS.....4** **HORT 4270 INTERMEDIATE LANDSCAPE DESIGN .....3** CORE FINE ARTS 3 14
SENIOR YEAR	
GROUP 1 ..... 3 OR 4 **GROUP 1 ..... 3 OR 4** GROUP 2.....3 OR 4 ELECTIVES .....2 TO 5 14 OR 15	**HORT 5210 LANDSCAPE BIDDING, INSTALLATION & MAINTENANCE .....4** GROUP 2 .....3 OR 4 ELECTIVES.....8 OR 9 15 OR 17

TOTAL SEMESTER CREDITS: 120

GROUP 1: HORT 3280-LANDSCAPE CONSTRUCTION (3); HORT 4150-RETAIL GARDEN CENTER MANAGEMENT (3); HORT 4280-ADVANCED LANDSCAPE DESIGN (3); HORT 5220-GREENHOUSE MANAGEMENT SCIENCE (4); HORT 5230-NURSERY MANAGEMENT (3); BSEN 3560-TURF SYSTEMS IRRIGATION DESIGN (3); AGRN 5160-ADVANCED TURFGRASS MANAGEMENT (3).

GROUP 2: ACCT 2910-FUNDAMENTALS OF ACCOUNTING (3); HORT 3920-HORTICULTURE INTERNSHIP (4); HORT 4930-DIRECTED STUDY (3); AGRN 3120-PRINCIPLES OF WEED SCIENCE (4); CTCT 3100-POWER EQUIPMENT TECHNOLOGY (3); PLPA 5060-PLANT DISEASE MANAGEMENT (4); FLSP 1010-ELEMENTARY SPANISH I (4).

NOTE: **BOLDED** COURSES CONSTITUTE THE MAJOR.

CONTACT PERSON: DR. HARRY PONDER

HORTICULTURE (HORT)

NURSERY AND GREENHOUSE SCIENCE EMPHASIS

FRESHMAN YEAR	
FALL SEMESTER	**SPRING SEMESTER**
HORT 1010 INTRO TO HORTICULTURE .....1 MATH 1130 PRE-CALCULUS W/TRIG **OR**.....3 MATH 1150 PRE-CALCULUS ALGEBRA & TRIG .....4 BIOL 1020 PRINCIPLES OF BIOLOGY .....4 ENGL 1100 ENGLISH COMPOSITION I.....3 CORE HISTORY I.....3 14 OR 15	ENGL 1120 ENGLISH COMPOSITION II..... 3 BIOL 1030 ORGANISMAL BIOLOGY..... 4 CHEM 1030 FUND OF CHEMISTRY I ..... 3 CHEM 1031 FUND OF CHEMISTRY I LAB ..... 1 CORE HISTORY II..... 3 14
SOPHOMORE YEAR	
ENGL 2200 WORLD LITERATURE I.....3 ECON 2020 MICROECONOMICS .....3 COMP 1000 PERSONAL COMPUTER APPLICATIONS .....2 AGRN 2040 BASIC SOIL SCIENCE.....4 SOCIAL SCIENCE GROUP 1.....3 15	CORE PHILOSOPHY..... 3 ENGL 2210 WORLD LITERATURE II..... 3 COMM 1000 PUBLIC SPEAKING ..... 3 **HORT 2240 PLANT PROPAGATION ..... 3** **HORT 3210 SMALL TREES SHRUBS & VINES 4** 16
JUNIOR YEAR	
PLPA 3000 GENERAL PLANT PATHOLOGY .....4 **HORT 3220 ARBORICULTURE .....4** AGRN 3150 TURFGRASS MANAGEMENT.....4 **HORT 3000 GROWTH & DEV OF HORT PLANTS .....3** **HORT 3950 CAREERS IN HORTICULTURE 1** 16	ENTM 4020 ECONOMIC ENTOMOLOGY..... 4 **HORT 4100 HERBACEOUS ORNAMENTALS..... 4** **GROUP 1 ..... 3 OR 4** CORE FINE ARTS ..... 3 14 OR 15
SENIOR YEAR	
HORT 5220 GREENHOUSE MANAGEMENT SCI .....4 **HORT 5230 NURSERY MANAGEMENT.....3** **GROUP 1 ..... 3 OR 4** GROUP 2 .....3 OR 4 13 OR 15	GROUP 2 ..... 3 OR 4 ELECTIVES..... 12 OR 13 15 OR 17

TOTAL SEMESTER CREDITS: 120

GROUP 1: HORT 2010-FRUIT AND NUT PRODUCTION (4); HORT 2210-LANDSCAPE GARDENING (4); HORT 4150-RETAIL GARDEN CENTER MANAGEMENT (3); HORT 4270-INTERMEDIATE LANDSCAPE DESIGN (3); HORT 5210-LANDSCAPE BIDDING, INSTALLATION AND MAINTENANCE (4); BSEN 3560-TURF SYSTEMS IRRIGATION DESIGN (3).

GROUP 2: HORT 3920-HORTICULTURE INTERNSHIP (4); HORT 4930-DIRECTED STUDY (3); AGRN 3120-PRINCIPLES OF WEED SCIENCE (4); CTCT 3100-POWER EQUIPMENT TECHNOLOGY (3); PLPA 5060-PLANT DISEASE MANAGEMENT (4); FLSP 1010-ELEMENTARY SPANISH I (4); FORY 5650-URBAN FORESTRY (2).

NOTE: **BOLDED** COURSES CONSTITUTE THE MAJOR.

CONTACT PERSON: DR. HARRY PONDER

HORTICULTURE (HORT)
PRE-LANDSCAPE ARCHITECTURE EMPHASIS

FRESHMAN YEAR		
FALL SEMESTER	**SPRING SEMESTER**	**SUMMER SEMESTER**
HORT 1010 INTRO TO HORT (M) ..... 1 MATH 1130 PRE-CALCULUS W/TRIG **OR** ..... 3 MATH 1150 PRE-CALCU ALGB. & TRIG ..... 4 BIOL 1020 PRINCIPLES OF BIOLOGY ..... 4 ENGL 1100 ENGLISH COMPOSITION I ..... 3 CORE HISTORY I ..... 3 14 OR 15	ENGL 1120 ENGLISH COMPOSITION II ..... 3 BIOL 1030 ORGANISMAL BIOLOGY ..... 4 CHEM 1030 FUND OF CHEMISTRY I ..... 3 CHEM 1031 FUND OF CHEM I LAB ..... 1 CORE HISTORY II 3 14	
SOPHOMORE YEAR		
ENGL 2200 GREAT BOOKS I ..... 3 ECON 2020 MICROECONOMICS ..... 3 AGEC 2100 MICROCOMP APPLICATIONS ..... 3 AGRN 2040 BASIC SOIL SCIENCE ..... 4 CORE SOCIAL SCIENCE GROUP 1 ..... 3 16	CORE PHILOSOPHY ..... 3 ENGL 2210 GREAT BOOKS II ..... 3 COMM 1000 PUBLIC SPEAKING ..... 3 **HORT 2240 PLANT PROPAGAT (M) ..... 3** **HORT 3210 SMALL TREES SHRUBS & VINES (M) 4** 16	
JUNIOR YEAR		
PLPA 3000 GEN. PLANT PATHOLOGY ..... 4 **HORT 3220 ARBORICULTURE (M) ..... 4** AGRN 3150 TURFGRASS MANAGEMENT ..... 4 **HORT 3000 GROWTH & DEV OF HORT PLANTS (M) ..... 3** **HORT 3950 CAREERS IN HORT (M) 1** 16	ENTM 4020 ECONOMIC ENTOMOLOGY ... 4 **HORT 4100 HERBACEOUS ORN (M) ..... 4** **HORT 4270 INTERM LANDS DES (M) ..... 3** CORE ART 3 14	**LAND 5000 LANDSCAPE FOUNDATION STUDIO & LAND 5001 FIELD STUDIES (M) 12** 12
SENIOR YEAR		
LAND 5100 MAT & STRUC STUDIO ..... 5 LAND 5101 FIELD STUDIES ..... 1 LAND 5120 HIST OF LANDSCAPE DES. ..... 3 LAND 5140 LAND ARCH CONST I ..... 3 CPLN 5970 DIGITAL APPL-GIS 3 15	LAND 5200 COMM FABRIC STUDIO ..... 5 LAND 5201 FIELD STUDIES ..... 1 LAND 5220 HIS OF URBAN DESIGN ..... 3 LAND 5240 LAND ARCH CONST II ..... 3 **HORT 5210 LANDSCAPE BIDDING, INSTALLATION & MAINT (M) 4** 16	

TOTAL SEMESTER CREDITS: 133

NOTE: **BOLDED** COURSES CONSTITUTE THE MAJOR.

Students who have successfully completed the first three years of the Pre-Landscape Architecture Emphasis and who have a minimum 2.8 cumulative GPA are eligible to apply to the Landscape Architecture Summer Design Studio.
Students who have successfully completed the Summer Design Studio and who are approved by the Landscape Architecture Faculty Admissions Committee are eligible to make application to the Graduate School for the Master of Landscape Architecture Program upon the completion of the fourth year.

CONTACT PERSON: DR. HARRY PONDER

Poultry Science

1. More than half of the current undergraduate students in poultry science are receiving scholarships. Most of these scholarships are funded by former poultry industry leaders as well as individuals.

2. All poultry science graduates must complete at least one summer internship. Most of these pay $9-$12 per hour and all provide valuable on-the-job experience and industry connections.

3. About half of poultry science graduates assist in funding their own education and gain valuable experience by working at the University's Poultry Research Unit or in one of the department's research laboratories.

4. It takes approximately 30 poultry science graduates per year to fill technical positions involved with the live production of poultry, hatchery and feed mill management, meat processing; food product preparation, quality control and microbiological monitoring; as well as product marketing, transportation and sales.

5. In the Alabama and Southeastern poultry industries, there are approximately five times as many employment opportunities for poultry science graduates as there are graduates to fill them.

6. Poultry science graduates who pursue multiple employment options throughout the state and region generally receive three to five job offers prior to graduation.

7. Starting salaries for current poultry science graduates average between $35,000 and $45,000 per year. Many also include a full-time company vehicle.

8. Poultry is Alabama's number one agricultural commodity, accounting for more than 60% of all agricultural income in the state, or 1 out of 8 of all the dollars made in the state. It is the state's fastest growing major agricultural industry.

Poultry Production (POPP)

FRESHMAN YEAR

Fall Semester			Spring Semester		
POUL 1000	**Intro. Poultry Sci.**	**3**	COMM 1000	Pub. Speaking	3
CHEM 1030	Intro. to Chem. I	3	CHEM 1040	Intro. to Chem. II	3
CHEM 1031	Intro. Chem. I Lab.	1	CHEM 1041	Intro. Chem. II Lab.	1
MATH 1130	Precal. w/Trig.	3	Social Science Group I		3
ENGL 1100	English Comp. I	3	ENGL 1120	English Comp. II	3
COMP 1000	Pers. Comp. Appl.	2	Core Philosophy		3
		15			16

SOPHOMORE YEAR

ENGL 2200	World Literature I	3	ENGL 2210	World Literature II	3
BIOL 1020	Prin. of Biology	4	BIOL 1030	Organismal Biology	4
BIOL 1021	Prin. of Biol. Lab	0	BIOL 1031	Org. Biol. Lab	0
POUL 3030	**Comm. Poul. Prd.**	**4**	CHEM 2030	Survey Org. Chem.	3
Core History I		3	ECON 2020	Prin. of Microecon.	3
Core Fine Arts		3	Core History II		3
		17			16

JUNIOR YEAR

PHYS 1000	Foun. of Physics	4	**POUL 3150**	**Poultry Physiol.**	**4**
PHYS 1001	Foun. of Phys. Lab	0	**POUL 3060**	**Breed, Frt. & Htch.**	**4**
POUL 5110	**Poultry Process.**	**3**	BCHE 3200	Prin. Biochemistry	3
STAT 2510	**Biol. Statistics**	**3**	Prof. Electives (see advisor)		4
Prof. Electives (see advisor)		4			14
		15			

SENIOR YEAR

POUL 5050	**Poultry Feeding**	**4**	**POUL 5160**	**Prin. Food Safety**	**3**
POUL 5140	**Poul. Further Proc.**	**4**	**POUL 5080**	**Poultry Health**	**3**
BIOL 3200	**Microbiology**	**4**	COMM 2410	Sm. Group Comm.	
AGEC 4000	Agribus. Mgmt.	3	or ENGL 3040	Tech. Writing	
*POUL 4920	Poultry Sci. Intern.	3	or ENGL 3080	Bus. Writing	3
		18	UNIV 4@@0	Ag Graduation	0
			Gen Electives or ROTC		2
			Prof. Electives or ROTC (see advisor)		4
					15

Total Hours Required: 126

Bold face indicates courses in major. Students must earn a 2.00 GPA in this group of courses, as well as in all courses attempted, to graduate. A minimum of 12 credits of professional electives must be taken. An approved list of these may be obtained from the student's advisor. It is suggested that these be courses required in an approved minor which the student has declared such as Business, Agribusiness or Animal Science.
*To be taken Summer Semester.

Poultry Processing & Products (POPR)

FRESHMAN YEAR

Fall Semester			**Spring Semester**		
POUL 1000	Intro. Poultry Sci.	3	COMP 1000	Pers. Comp. Appl.	2
CHEM 1030	Intro. Chem. I	3	CHEM 1040	Intro. Chem. II	3
CHEM 1031	Intro. Chem. I Lab	1	CHEM 1041	Intro. Chem. II Lab	1
ENGL 1100	English Comp I	3	COMM 1000	Pub. Speaking	3
MATH 1130	Precal. w/Trig.	3	ENGL 1120	English Comp. II	3
Core Social Science I		3	Core Fine Arts		3
		16			15

SOPHMORE YEAR

BIOL 1020	Prin. of Biology	4	BIOL 1030	Organismal Biology	4
BIOL 1021	Prin. of Biol. Lab	0	BIOL 1031	Org. Biol. Lab	0
POUL 3030	**Comm. Poul. Prod.**	**4**	CHEM 2030	Survey Org. Chem.	3
ENGL 2200	World Literature I	3	ECON 2020	Prin. of Microecon.	3
Core History I		3	ENGL 2210	World Literature II	3
Core Philosophy		3	Core History II		3
		17			16

JUNIOR YEAR

BCHE 3200	Prin. Biochemistry	3	**BIOL 5560**	**Food Microbiology**	**5**
BIOL 3200	Microbiology	4	POUL 3150	Poultry Physiol.	4
Processing Course (see advisor)		**3-4**	**POUL 5150**	**Food Law & Reg.**	**3**
STAT 2510	Biol. Statistics	4	**PPP Support Course (see advisor)**		
		13-14	**or ROTC**		**3-4**
					15-16

SENIOR YEAR

BSEN 5550	**Prin. Food Engr.Tech.**	**4**	**NUFS 5430**	**Food Chemistry**	**4**
NUFS 5450	**Fd. Anal. & Qual. Ctrl.**	**4**	POUL 5160	Prin. Food Safety	3
PHYS 1000	Foun. Of Physics	4	**Processing Course**		**4**
PHYS 1001	Foun. Physics Lab	0	**PPP Support Course(see advisor)**		
Processing Course (see advisor)		**3-4**	**or ROTC**		**4-5**
*POUL 4920	Poultry Sci. Intern.	3	UNIV 4@@0	Ag Graduation	0
		18-19			15-16

Total Hours Required: 126

Bold face indicates courses in major. Students must earn a 2.00 GPA in this group of courses, as well as in all courses attempted, to graduate.
A minimum of 11 credits of processing courses must be taken.
A minimum of 7 credits of poultry processing & products support courses must be taken.
*To be taken summer semester.

Poultry Science Pre-Veterinary Medicine (POPV)

The curriculum listed for the first six semesters satisfies the requirements for admission to the College of Veterinary Medicine. Completion of the remaining requirements or one year in the College of Veterinary Medicine entitles the student to the B.S. degree in Poultry Science.

FRESHMAN YEAR

Fall Semester			**Spring Semester**		
POUL 1000	**Intro. Poul. Sci.**	**3**	Core Fine Arts		3
BIOL 1020	Prin. of Biology	4	BIOL 1030	Organismal Biology	4
BIOL 1021	Prin. of Biol. Lab	0	BIOL 1031	Org. Biol. Lab	0
CHEM 1030	Intro. to Chem. I	3	CHEM 1040	Intro. to Chem. II	3
CHEM 1031	Intro. Chem. I Lab.	1	CHEM 1041	Intro. Chem. II Lab.	1
MATH 1130	Precal. w/Trig.	3	ENGL 1100	English Comp. I	3
		14	COMP 1000	Pers. Comp. Appl.	2
					16

SOPHOMORE YEAR

CHEM 2070	Organic Chem. I	3	CHEM 2080	Organic Chem. II	3
CHEM 2071	Org. Chem. I Lab	1	CHEM 2080	Org. Chem. II Lab	1
POUL 3030	**Comm. Poul. Prd.**	**4**	PHYS 1500	Gen. Physics I	4
ENGL 1120	English Comp. II	3	PHYS 1501	Gen. Physics I Lab	0
Core HIST I		3	ECON 2020	Prin. of Microecon.	3
Social Science Group I		3	Core HIST II		3
		17	Core Philosophy		3
					17

JUNIOR YEAR

PHYS 1510	Gen. Physics II	4	**POUL 3150**	**Poultry Physiol.**	**4**
PHYS 1511	Gen. Phys. II Lab	0	**POUL 3060**	**Brd., Frt. & Htch.**	**4**
POUL 5110	**Poultry Process.**	**3**	**BIOL 3200**	**Microbiology**	**4**
BCHE 3200	**Prin. Biochemistry**	**3**	ENGL 2210	World Literature II	3
BIOL 3000	**Genetics**	**4**			15
ENGL 2200	World Literature I	3			
		17			

SENIOR YEAR

POUL 5050	**Poultry Feeding**	**4**	**POUL 5160**	**Prin. Food Safety**	**3**
POUL 5140	**Poul. Further Proc.**	**4**	**POUL 5080**	**Poultry Health**	**3**
*POUL 4920	Poultry Sci. Intern.	3	STAT 2510	Biol. Statistics	3
General Elective or ROTC		4	COMM 1000	Pub. Speaking	3
		15	UNIV 4@@0 Ag Graduation		0
			General Elective or ROTC		3
					15

Total Hours Required = 126

Bold face indicates courses in major. In order to graduate, students must earn a 2.0 GPA in this group of courses as well as in all courses attempted. *To be taken during summer semester.

Minors

College of Agriculture students are encouraged to consider earning a minor in an area that complements their major. Minors are an easy way to utilize elective hours and strengthen employment opportunities. The minimum number of semester hours in a minor is 15. Of these, six hours may be lower-division courses. The remaining semester hours in the minor must be courses numbered 3000 or above. **Courses in the minor may not include any required course which is a part of the student's major or the core.** Individual requirements for a minor are available from the Dean's Office, College of Agriculture, 107 Comer Hall, Auburn University, AL 36849; or by calling (334) 844-2345; or any of the following:

- **Agricultural Business and Economics**.....Dr. William Hardy
  - Agribusiness 844-5620
  - Natural Resources Economics and Environmental Policy

- **Agronomy and Soils**.....Dr. David Weaver
  844-3982

- **Animal Sciences**.....Dr. Dale Coleman
  844-1512

- **College of Agriculture Leadership Studies**.....Dr. Don Mulvaney
  844-1514

- **Entomology**.....Dr. Wayne Clark
  844-2565

- **Fisheries & Allied Aquacultures**..... Mrs. Tracy Collier-Cline
  844-4786

- **Plant Pathology** .....Dr. Kathy Lawrence
  844-1956

- **Poultry Science**.....Dr. Roger Lien
  844-2609

- **Rural Sociology** .....Dr. Joe Molnar
  844-5615
  Dr. Conner Bailey
  844-5632

Minor
in
Agribusiness

Required Courses 9 hours total:

Course (credit)	**Prerequisites**
ACCT 2910 (3) Fndmtls. of Accounting	Sophomore standing
AGEC 4040 (3) Agricultural Finance	ECON 2020; COMP 1000
Choose3 additional hours from: AGEC 4000 (3) Prin. Agribus. Mgmt. or AGEC 5010 (3) Farm Mgmt. or AGEC 5100 (3) Agric. Bus. Mgmt.	 ECON 2020; COMP 1000 ECON 2020; COMP 1000; Junior standing ECON 2020; COMP 1000; ACCT 2210 or 2910; AGEC 4040

Elective Courses Select 9 hours:

Course (credit)	**Prerequisites**
ECON 3020 (3) Intermed. Microecon.	ECON 2020
AGEC 3010 (3) Agribus. Marketing	ECON 2020; COMP 1000
AGEC 3080 (2) Futures & Options Mkts.	ECON 2020; COMP 1000
AGEC 4070 (3) Agricultural Law	none
AGEC 4100 (2) Ag. Cooperatives	none
AGEC 4300 (3) Ag. Policies & Trade	ECON 3020
AGEC 5030 (3) Agricultural Prices	ECON 3020; MATH 1680; STAT 2510 or 2610

Minor
in
Agronomy and Soils

Course Requirements: 17 Credit hours

Required:

4 credits: AGRN 2040 (Basic Soil Science)

4 credits: AGRN 1000 (Basic Crop Science)

3 credits from AGRN 3120 (Principles of Weed Science), 3150 (Turfgrass Management), 4000 (Advanced Crop Production), 4010 (Forage Production and Utilization), or 5100 (Plant Genetics and Crop Improvement)

3 credits from AGRN 5000 (Soils and Environmental Quality), 5020 (Nutrient Management), 5080 (Soil Resources and Conservation), or 5150 (Soil Morphology)

3 credits selected from any of the above courses.

17 credits

Minor
in
Animal Sciences

The Department of Animal Sciences offers a "minor in animal sciences" (ANSC) that allows students in other majors to develop a concentration of knowledge in the fundamental disciplines of animal sciences. Courses required to complete the minor are listed in the table below. It should be recognized by students pursuing this minor, along with their academic advisors, that the 3000-level, upper-division courses listed below are fairly rigorous science courses that have pre-requisites (listed below with each course). It is up to the student to meet these prerequisites or make suitable arrangements with the instructor.

Courses required for the Minor in Animal Sciences (ANSC):

Required Course:
ANSC-1000 Introductory Animal Sciences (4 hr)
Menu (choose at least 11 hours from any of the following*):
BCHE-3200 Animal Biochemistry (3 hr); (Pr.: BIOL-1020, CHEM-2030 or 2070)
ANSC-3400 Animal Nutrition (4 hr); (Pr.: ANSC-1000, BIOL-1030, BCHE-3200)
ANSC-3500 Animal Breeding (3 hr); (Pr.: ANSC-1000, STAT-2510 or BIOL-3000)
ANSC-3600 Reproductive Physiology (4 hr); (Pr.: ANSC-1000, BIOL 2510)
ANSC-3700 Muscle Foods (4hr); (Pr.: ANSC-1000)
***Note:** Required + Menu selections must total at least 15 credit hours.

Minor
in
College of Agriculture Leadership Studies

Leadership is one of the most valued experiences and skills sought by employers. Students in the Leadership Minor will complete 10 hours of core courses and 8 hours of courses from the menu. They are involved in facets of the *CoAg Leadership Continuum*™ as students will shadow leaders at Auburn University, the agricultural sector and in the surrounding community. Courses allow them to apply their learning through community service and volunteer opportunities. Field experience is a major component of the program, with students selecting a leadership experience, working with an advisor and developing a hands-on understanding of their personal and professional leadership styles and skills. Throughout the curriculum, they will be guided to develop a leadership portfolio or Lead Script to illustrate their abilities and accomplishments while identifying clarity of goals for their personal and professional lives.

Required Courses (10 hours) :

AGRI 3800. (2 cr) Agricultural Leadership Development

ANSC 4800 (2 cr) Issues in Agriculture

AGRI 5840 (3 cr) Advanced Agricultural Leadership Development OR

AGRI 6840 (3 cr) Advanced Agricultural Leadership Development (piggy-back course for graduate students)

POLI 2100 (3 cr) State and Local Government

Elective Courses (up to 8 hours):

Departmental Intro course other than home dept (3cr)

Leadership program Internship (course # in home dept but internship approved by CALS advisor for up to 3 cr)

AGEC 5100 (3 cr) Prin Agribusiness Mgmt

RSOC 3620 (3 cr) Community Organization

ANSC 4810 (1 cr) Professional Discourse in Agriculture

MNGT 3100 (3 cr) Principles of management

MNGT 3460 (4 cr) Organizational Behavior

Other approved courses taken:

Total credits 18

Minor
in
Entomology

15 Semester Hours in minor
(a minimum of 9 hours at 3000 level or above)

The Department of Entomology and Plant Pathology offers a minor in entomology that allows students in other majors to develop a basic understanding of insects and the science of entomology. Students electing to pursue a minor in entomology will complete 15 semester hours of course work required and recommended courses are listed in the table below. Successful completion of a minor opens the door to good job opportunities. It also provides a foundation for those who wish to pursue an advanced degree in entomology or in many of the biological or agricultural sciences.

Required Courses (4 hours)
ENTM 3040 General Entomology (4 hr) **OR** ENTM 5010 Entomology for Educators (4 hr)
Elective Courses (11 hours)
ENTM 2040 Insects (3 hr) (Must be taken **before** ENTM 3040 or ENTM 5010)
ENTM 4020 Economic Entomology (4 hr)
ENTM 4040 Insects Affecting Humans, Domestic Animals and Wildlife (4 hr)
ENTM 4150 Integrated Forest Pest Management (3 hr)
ENTM 4920 Entomology Internship (5 hr)
ENTM 5030 Insecticides in the Environment (4 hr)
ENTM 5140 Aquatic Insects (4 hr)
ENTM 5150 Arachnology (4 hr)
ENTM 5220 Insect Ecology (4 hr)
ENTM 5300 Systematic Entomology (4 hr)
ENTM 5330 Integrated Pest Management (4 hr)
ENTM 5340 Urban Forest Insects (3 hr)
ENTM 5360 Landscape Entomology (4 hr)
ENTM 5370 Urban Entomology (4 hr)
ENTM 5440 Insect Morphology (4 hr)

Minor
in
Fisheries and Allied Aquacultures

A minor in fisheries can help prepare students for careers which may include research support for field or laboratory studies, hatchery or aquaculture production and management or conservation of aquatic resources. Some examples of degrees combined with a fisheries minor may include (but are not limited to):

Agricultural Economics (Manage a Commercial/Private Fish Farm)
Biology (Department of Conservation and Natural Resources)
Chemistry (Environmental Protection Agency/ADEM)
Horticulture (Ornamental Pond Industry)
Wildlife (Department of Conservation and Natural Resources)

Requirements:
15 semester hours in Minor (minimum 9 hours at 3000 level or above)

Courses include:

***FISH 2100 Introduction to Fisheries Science 3**

+FISH 5210 Principles of Aquaculture 3

+FISH 5220 Water Science 3

+FISH 5250 Aquaculture Production 4

+FISH 5320 Limnology 4

+FISH 5380 Ichthyology 4

+FISH 5410 Introduction to Fish Health 3

+FISH 5510 Fisheries Biology and Management 3

*Prerequisite for ALL FISH courses. May be taken the summer after successful completion of BIOL 1020 and 1030.

+Junior status required

Minor
in
Plant Pathology

The Department of Entomology and Plant Pathology offers minors in entomology (ENTM) and plant pathology (PLPA). The plant pathology minor allows students to acquire a fundamental knowledge base in plant disease, the entities that cause disease, mechanisms and environmental conditions that stimulate disease and methods of preventing, managing or alleviating plant disease. Fifteen hours of course credit is required to complete the minor. Class options are listed below.

Credit hour requirement: 15 total semester credit hours

Required courses (semester credit hours) (semester offered):

PLPA 3000 General Plant Pathology (4) (F, SP)

Choose 11 semester credit hours from the following courses:

PLPA 4930 Directed Studies in Plant Pathology (1-3) (F, Sp, Su)

PLPA 5050 Plant Disease Diagnosis (3) (Su)

PLPA 5060 Plant Disease Management (3) (Sp odd)

PLPA 5200 Introductory Mycology (4) (F)

PLPA 5400 Plant Virology (3) (S odd)

Minor
In
Poultry Science

Ongoing rapid growth of the poultry industry has made it the largest agricultural industry in Alabama and the Southeast. Employment opportunities for college graduates with backgrounds in poultry science are currently about five times the number available. Graduates are needed to fill positions within all segments of the industry including; broiler, breeder, hatchery and feed mill management, meat and egg processing, further processing/product preparation, quality control, product development, marketing and sales. Starting salaries in the poultry industry generally range from $36,000 to $40,000 per year and advancement is typically very rapid.

Credit hour requirement: <u>15 total semester credit hours</u>

Required courses (semester credit hours) (semester offered):

POUL 1000 Introduction to Poultry Science (3) (Fa)

POUL 3030 Commercial Poultry Production (4) (Fa)

Plus 8 semester credit hours from the following courses (semester credit hours) (semester offered):

POUL 3060 Poultry Breeding, Fertility and Hatchability (4) (Sp)

POUL 3150 Poultry Physiology (4) (Sp)

POUL 5050 Poultry Feeding (4) (Fa)

POUL 5080 Poultry Health (3) (Sp)

POUL 5110 Poultry Processing (3) (Fa)

POUL 5140 Poultry Further Processing and Products (4) (Fa)

POUL 5160 Principles of Food Safety (3) (Sp)

Minor
In
Rural Sociology

The student must complete 15 semester hours of course work in rural sociology. Course options and required courses for the minor are:

Required Courses (6 hours):
RSOC 3620 - Community Organization (3)
SOCY 3700 – Methods of Social Research (3)

Elective Courses (Choose 9 hours):
RSOC 3190 - Agriculture and Society (3)
RSOC 4410 - Extension Programs and Methods (3)
RSOC 4610 - Rural Sociology (3)
RSOC 4640 - Sociology of Community Development (3)
RSOC 4650 - Sociology of Natural Resources and Environment (3)
RSOC 4980 - Directed Field Experience (3)
RSOC 4990 - Directed Studies in Rural and Community Development (1-3)

Drop Policy

Many students have gotten into academic difficulty and some have had a "W" or "WF" placed on their transcripts because they did not understand the Drop Policy of the University; therefore, we are providing the following recommendations, University Policy Statements and College Policy Statements to help clarify the situation. All drops can be made over the telephone or by computer on or before mid-semester/term and are to be confirmed with a printout of student's revised schedule. This can serve as proof that the changes were actually made.

Faculty should advise all classes and advises (University Policy):

- To carefully assess their progress in all course work early in the semester/term so that if any courses need to be dropped, this should be done prior to the end of the 15th class day. Since any drops during this period will not appear on the student's record, this is the preferred action. Please be aware that the regulations refers to 15 class days not 15 meetings of the class.

- That if a course is dropped after 15th class days but on or before mid-semester/term, the transcript will reflect a "W".

- That a course can be dropped after mid-semester/term ***only*** under unusual circumstances and ***only*** with approval of the student's dean. Any drops after mid-semester/term are recorded as "W" or "WF" on the student's transcript. A "W" may be assigned only when the instructor indicates the student is clearly passing the course. In other words, after mid-semester/term, it is no longer up to the student or the instructor to permit a drop.

- Be aware that "W" assigned grades on transcripts may give a negative impression to potential employers or graduate schools.

College Policy

- Unusual circumstances are defined as ***documentable circumstances*** such as illness, family emergencies, accidents or no test grade given prior to mid-term. Receiving a low grade in a course is **not considered** an unusual circumstance. Before a request to drop a course after mid-semester/term will be considered by the Dean's Office, the student must submit a written request as explained on the attached sheet. Documentation must be provided to support the student's statement.

- **NO** drop form will be processed without the advisor's signature.

- Generally, the appropriate planning of course loads should be encouraged so as to minimize the necessity of dropping a course.

COLLEGE OF AGRICULTURE

Policy for Dropping a Course After Mid-Term

A. A course **CANNOT** be dropped after mid-semester except under unusual circumstances with special permission granted by the Associate Dean for Instruction

B. Popular reasons that are **NOT** acceptable:

1. I didn't realize that it was mid-semester.
2. I have a failing grade in the course and didn't realize it before mid-semester.
3. The instructor of the course says it is okay.
4. The instructor says it is okay and that he/she will assign a "W" even though I'm really failing the course.
5. A bad grade in this course will lower my grade point average.
6. A bad grade in this course will put me on academic probation/suspension.
7. I am transferring to another major and I am no longer required to take the course.
8. I will lose my scholarship or financial aid.
9. My friend in another college/school was permitted to drop the course after mid-semester.
10. My parents said that I should drop the course.
11. I didn't know about the Auburn University drop policy.

C. What situations are unusual circumstances?
Include, but are not limited to the following:

1. Serious or prolonged illness.
2. Family or personal emergencies.
3. Required military obligation.
4. No grades or other measures of academic performance in the course were provided by the instructor until after mid-semester.

D. If you believe that your situation truly involves "unusual circumstances" as outlined in item "C" you may fill out the Request to Drop Form with a detailed statement explaining your situation. Please include your e-mail address, a telephone number by which you can be reached and mailing address so that Dr. J. David Williams will be able to contact you. If you must drop the course for medical reasons you will need to provide some sort of documentation. This form should be turned into the Office of Students with Disabilities. A decision regarding your request will be made by Dr. Williams as soon as possible.

E. Please note that a "WF" grade is a failing grade and is calculated into your GPA as a failure. You will not be allowed to drop courses if the grade is going to be a "WF".

Academic Policies Students Should Know

Grade Requirements

Freshman	1-29 hrs	1.50	cumulative GPA based on hours earned	
Sophomore	30-59 hrs	1.80	"	"
Junior	60-89 hrs	1.90	"	"
Senior	90+ hrs	1.974	"	"

Warning Status

Any time your cumulative GPA is less than a 2.0, you will be placed on warning. You must have at least one semester on warning before being suspended. You **MUST** have a 2.0 to graduate.

Suspension

Suspension will occur if **BOTH** of the following conditions are met:

1) the semester GPA is less than a 2.2. and
2) the cumulative GPA is below that required for the designated number of hrs earned (see grade requirements)

If suspended you:

- may not be able to attend another school
- cannot transfer any hours to AU
- may not be able to remain in university housing
- may not participate in university-sponsored activities

Note: Transfer grades do not affect your AU GPA; however, they do affect your class standing, which may affect suspension

Class Withdrawals

- Can withdraw from a class on or prior to the 15th class day with no grade assignment
- Withdrawals from the 15th class day to mid-semester will result in a grade of "W" (does not affect GPA but is on transcript)
- Withdrawals not allowed after mid-semester unless special permission given by dean.

GAP (Forgiveness policy)

- May delete a maximum of three (3) course grades of D, F, FA, U from your GPA
- Must repeat all **required** courses that are deleted and must be repeated at AU
- Does not apply to transfer grades, grades for previous degrees, or grades resulting from academic dishonesty
- Transcripts will have a special notation regarding the deleted grade; however, the GPA will not include the deleted grade
- Invoking GAP may reinstate you to a positive academic status and/or delete a suspension
- To use GAP, a written request must be initiated in your dean's office

? regarding academic polices should be directed to your academic advisor or the Registrar

ADVANCED PLACEMENT CREDIT

AP TEST	Score on AP Test			
	5	4	3	1-2
American Government	3 hrs credit for POLI 1090	3 hrs credit for POLI 1090	No Credit	No Credit
Art History	9 hrs credit for ARTS 1710, 1720 & 1730	6 hrs credit for ARTS 1710 and 1720	3 hrs credit for ARTS 1710	No Credit
Art Studio	6 hrs credit for ARTS 1110 & 1120	3 hrs credit for ARTS 1110	No Credit	No credit
Art –General	6 hrs credit for ARTS 1110 & 1120	3 hrs credit for ARTS 1110	No Credit	No Credit
Biology	8 hrs credit for BIOL 1020 & 1030	8 hrs credit for BIOL 1020 & 1030	4 hrs credit for BIOL 1020 or 1000	No Credit
Chemistry	8 hrs credit for CHEM 1030, 1031, 1040 & 1041	4 hrs credit for CHEM 1030, & 1031	No Credit	No Credit
Comparative Government	3 hrs credit for POLI 3120	3 hrs credit for POLI 3120	No Credit	No Credit
Computer Science (A)	3 hrs credit for COMP 1210	3 hrs credit for COMP 1210	No Credit	No Credit
Computer Science (AB)	3 hrs credit for COMP 1210 and 4 hrs credit for 2210	3 hrs credit for COMP 1210 and 4 hrs credit for 2210	No Credit	No Credit
Economics (Micro)	3 hrs credit for ECON 2020	3 hrs credit for ECON 2020	No Credit	No Credit
Economics (Macro)	3 hrs credit for ECON 2030	3 hrs credit for ECON 2030	No Credit	No Credit
English (Language and Literature)	3 hrs credit for ENGL 1100	3 hrs credit for ENGL 1100	No Credit	No Credit
Foreign Language	8 lower division hrs equiv. to 1010 & 1020	8 lower division hrs equiv. to 1010 & 1020	4 lower division hrs equiv. to 1010	No Credit
Human Geography	3 hrs credit for GEOG 1010 (Global Geography) or 2010 (Cultural Geography)	3 hrs credit for GEOG 1010 (Global Geography) or 2010 (Cultural Geography)	No Credit	No Credit
American History	6 hrs credit for HIST 2010 & 2020	3 hrs credit for HIST 2010 and exemption from HIST 2020	No Credit	No Credit
European History	6 hrs credit for HIST 1010 & 1020	3 hrs credit for HIST 1010 and exemption from HIST 1020	No Credit	No Credit
World History	6 hrs credit for HIST 1010 & 1020	3 hrs credit for HIST 1010 and exemption from HIST 1020	No Credit	No Credit
Math: Calculus AB	7 hrs credit for MATH 1130 & 1610	7 hrs credit for MATH 1130 & 1610	7 hrs credit for MATH 1130 & 1610	No Credit
Math: Calculus BC	8 hrs credit for MATH 1610 & 1620	8 hrs credit for MATH 1610 & 1620	8 hrs credit for MATH 1610 & 1620	No Credit
Music	3 hrs credit for MUSI 1310 (Music Theory I) & 1320 (Music Skills I)	3 hrs credit for MUSI 1310 (Music Theory I) & 1320 (Music Skills I)	3 hrs credit for MUSI 1310 & 1320	No Credit
Physics B	8 hrs credit for PHYS 1500 & 1510	4 hrs credit for PHYS 1500	No Credit	No Credit
Physics C Mechanics	4 hrs credit for PHYS 1600	4 hrs credit for PHYS 1600	No Credit	No Credit
Physics C Electricity & Magnetism	May take PHYS 2200. After successfully completing PHYS 2200, the student will receive credit for PHYS 1600 and will not be required to take 1610	May take PHYS 2200. After successfully completing PHYS 2200, the student will receive credit for PHYS 1600 and will not be required to take 1610	No Credit	No Credit
Psychology	3 hrs credit for PSYC 2010	3 hrs credit for PSYC 2010	No Credit	No Credit
Statistics	3 hrs credit for STAT 2510	3 hrs credit for STAT 2510	3 hrs credit for STAT 2510	No Credit

Call Angela Waldon for questions: 334-844-2528

INTERNATIONAL BACCALAUREATE (IB)

IB Test	Score on IB Test			
	7	**6**	**5**	**4-1**
Biology	8 hrs for BIOL 1020 & 1030	8 hrs for BIOL 1020 & 1030	8 hrs for BIOL 1020 & 1030	No Credit
Chemistry (Higher Level)	8 hrs for CHEM 1030 & 1040 with labs	8 hrs for CHEM 1030 & 1040 with labs	8 hrs. for CHEM 1030 & 1040 with labs	No Credit
Economics (Subsidiary Level)	Credit for ECON 2020 & 2030	Credit for ECON 2020 & 2030	No Credit	No Credit
Economics (Higher Level)	Credit for ECON 2020 & 2030	Credit for ECON 2020 & 2030	Credit for ECON 2020 & 2030	No Credit
English (A1 Higher Level)	3 sem. hrs for ENGL 1100	3 sem. hrs for ENGL 1100	3 sem. hrs for ENGL 1100	No Credit
History (European or American History Higher Level)	6 hrs credit for HIST 1010 & 1020	6 hrs credit for HIST 1010 & 1020	No Credit	No Credit
Mathematical Methods (Subsidiary Level)	8 hrs credit for MATH 1610 and 1620.	8 hrs credit for MATH 1610 and 1620.	8 hrs credit for MATH 1610 and 1620.	Score of 4: 4 hrs credit for MATH 1610. Score of 1-3: No Credit
Physics (Higher Level)	8 hrs credit for PHYS 1500 & 1510 or be allowed to take PHYS 2200. After successfully completing PHYS 2200, the student will receive credit for PHYS 1600 and will not be required to take PHYS 1610.	8 hrs credit for PHYS 1500 & 1510 or be allowed to take PHYS 2200. After successfully completing PHYS 2200, the student will receive credit for PHYS 1600 and will not be required to take PHYS 1610.	4 hrs credit for PHYS 1500 or 1600	No Credit

Academic Support Services
334-844-5972

Academic Support Services is designed to help students refine their academic skills at the college level. It's staff works with every department on campus and provides the following programs:

Academic Coaching

Academic coaches are available to assist students in academic skill building. They offer coaching on note taking, test taking, overcoming test anxiety, reading for comprehension, self-testing, reviewing and preparing for class, recognizing important information, use of support techniques, time management and setting a study schedule.

Academic Counseling

Academic counseling provides students with individual guidance in several subsets of academic mentality such as motivation, self-discipline, perseverance, attitude and interest, goal setting, transition and adjustment to college, time management, personal responsibility, self-management, conflict management, assertiveness, effective decision-making and stress management.

Learning Communities

Learning communities are freshman interest groups set up to orient new students with each other as they complete their first year. The learning communities provide students with smaller class settings and the students participate in several of the same classes in order to form close-knit study groups and assist in the transition to Auburn. Along with learning communities, Academic Support offers the classes UNIV 1100- Freshman Seminar, UNIV-1000- The Auburn Experience and UNIV 1050- Success Strategies in order to ease the transition into college.

Study Partners

Study Partners is the official peer tutoring program at Auburn University. It provides additional help in most classes at Auburn from students that excelled in the department. For more information, please refer to www.auburn.edu/tutoring.

Study Smart

Study Smart provides classes for students on academic warning or suspension. The classes are designed to improve academic performance and overall success of the student.

Supplemental Instruction/ SI

SI is a directed study group held on specific days and times for specific classes. It is led by a student who actually sits in on the specific class and takes notes from the professor in order to help students understand and organize the material. For more information, please refer to www.auburn.edu/tutoring.

Strategies of Academic Success

Strategies of Academic Success are several educational programs that allow students to learn and understand several important study techniques, time management skills and other academic and social skills necessary for succeeding at the college level.

TIPS FOR SUCCESS

- Become familiar with the following scheduling aids:
  - Schedule of Courses Online
  - Survival Guide
  - Curriculum Model
  - Schedule of Department Courses
  - Schedule Planning Sheet
  - University Core Requirements for your Specific Major
  - *Auburn University Bulletin*

- Make sure the College of Agriculture (COA) has an accurate local address, e-mail address and phone number. Please notify 107 Comer Hall when this information changes. Please update this information at the beginning of fall term.

- Check your e-mail on a daily basis.

- Become familiar with the Student Success Center services and other campus resources.

- Become acquainted with your academic advisor.

- In order to graduate as projected on your curriculum model, it is imperative that you complete your major course sequences. Do not drop a prerequisite course without clearing it with your advisor.

- Maintain a written record of your progress by filling in your curriculum sheet as you complete courses each semester. Maintain an academic file including curriculum sheet and any other documentation.

- Accept responsibility for your academic progress. Be informed and be prepared to take responsibility for your scheduling decisions.

- Contact our office (334/844-2345) if you are out of class due to an extended illness or other problems which prevent you from attending class. If you are unable to contact your instructors, we will assist you.

- If you have to resign, do **not** attempt to do this through the tiger *i* registration system. Please contact our office (334/844-2345) and we will assist you. If you receive financial aid, you will need to talk to the Financial Aid Office (334/844-4723) to determine the effect the resignation will have on your loans/scholarships.

- REMEMBER that you may not drop classes after mid-semester unless there are extenuating circumstances. Only the COA Associate Dean for Instruction can determine if you meet that criteria–not your instructor, you or your parents!!!

- **STAY IN CONTACT WITH YOUR ACADEMIC ADVISOR VIA E-MAIL OR IN PERSON**

Transient Course Work Information

FAQs:

1. Can I take courses during a semester I do not attend Auburn University? ...YES, as long as you are in good academic standing.
2. Can I attend Auburn and another institution at the same time (concurrent/dual enrollment)? ...NO
3. Do I have to get the courses approved? ...YES
4. I **GAPPED/Forgave** a class and want to take it at another institution can I do this? ...**NO**, if you GAP a course at Auburn you have to repeat and pass that course here.
5. If I take a course at another institution will the grade transfer? ...NO, only the credit will transfer.
6. How does the credit get transferred? ... Once you have completed your transient work you are responsible for having a transcript sent to the Office of Admissions and Records, 108 Mary Martin Hall, Auburn, Alabama 36849.
7. What about prerequisites for courses I may want to take?... As with courses at Auburn, you are responsible for determining your eligibility for taking a course based on the policies of the institution you plan to attend.
8. How do I get courses approved for Auburn credit?...You will need to follow the procedures listed below.

Procedure for getting course work approved:

1. Pick up a transient form outside the door of 105A Comer Hall (enter through 103 Comer Hall).
2. Gather the following information:
   - **Complete mailing address for the institution you plan to attend (this can usually be obtained on the institution's web site).**
   - **Get the schedule book (newspaper showing the courses being offered in the term you would like to attend) from the institution or a printout from their computer registration and a catalog if the institution is outside the state of Alabama.**
3. Fill out all the requested information on the form excluding the courses you would like to take. Mark these courses on the schedule of courses that you bring in.
4. Bring the form filled out with your personal information and the institution address to 105A Comer Hall and leave for Ms. Shaw to complete the form. If there are questions regarding the course work you will be notified by e-mail to bring in needed information before the form will be completed.
5. You will then take it to 100 Mary Martin (basement – second counter) for the Registrar's stamp. You will then mail or carry the form to the institution you have indicated. If the institution requests that the form be sent directly from Auburn University, you may request that the Registrar's office mail it, making sure you have the complete address for the institution on the form.

**** You must be in good academic standing (does include Academic Warning but not Suspension) to be able to take courses as a transient student. "No credit earned at another institution by a student on academic suspension from Auburn will be used in clearing a suspension or in meeting requirements for an Auburn University Degree." (Page 11 AU Bulletin) This form will be reviewed based on your current academic status, and any change in your academic standing will alter the eligibility of the credit to be used in meeting graduation requirements. (i.e., you are put on academic suspension after you have completed the form and had course work approved.**

Dedication Page

Appreciation goes out to the following people for their contributions in the compilation of this material:

Materials:
Meaghan Gonsalves, COA, Student Employee
Laura Murphree, COHS, Academic Advisor
Megan Ross, COA, Admin Support Associate
Deborah Solie, COA, Student Services Coordinator

Editing:
Jamie Creamer, COA Communications, Associate Editor
Katie Jackson, COA Communications, Chief Editor
Leigh Hinton, COA Communications, Associate Editor

Cover Design:
Stacy Wood, COA Communications, Graphic Designer
Hannah Dixon, COA Communications, Graphic Designer