

AGRICULTURAL SCIENCES
CONCENTRATION—AGRICULTURAL EDUCATION
OPTION 1: LICENSURE, GRADES 6-12 OR OPTION 2: LEADERSHIP
ACADEMIC MAP: DEGREE BS (120 CREDIT HOURS)

This degree map is a semester-by-semester sample course schedule for students majoring in **Agricultural Sciences with a concentration in Agricultural Education**. The milestones listed to the right of each semester are designed to keep students on track to graduate in four years. The schedule serves as a general guideline to help build a full schedule each semester. Milestones are courses and special requirements necessary for timely progress to complete a major. When one or more milestones are missed, students should consult with an academic advisor to determine if another degree path would be more suitable.

The curricula in Agricultural Education are designed to prepare students for careers in School-based Agricultural Education or Agricultural Leadership. The School-based Agricultural Education (SBAE) program prepares students for careers in teaching. Students who choose the Teaching option will satisfy the Tennessee Department of Education's requirements for teacher licensure in Agricultural Education⁽⁴⁴⁸⁾ and Agricultural Science⁽⁴⁴⁹⁾.

Agricultural Education students who are not interested in teaching can pursue the Leadership option. This options will prepare students for supervisory or management positions in private companies and non-profits locally and internationally. It will prepare students for domestic and international careers in Extension through coursework and experiences in educational methods, adult education, leadership, and youth development (i.e. 4-H).

Students seeking teacher licensure must be admitted to the Teacher Education Program. To be admitted he/she must (a) complete all pre-requisite courses and earn a grade of "C" or better in those courses, (b) earn a GPA of 2.75 or better, and (c) score a 22 or better on the ACT, or score a 1020 or better on the SAT, or receive a passing score on the Praxis I exam. A Student must receive passing scores on the Praxis II exams (Content Knowledge and Principles of Learning and Teaching - Agriculture 7-12), to be admitted to Residency I.

Tennessee State University recognizes that students have diverse learning, life, and professional experiences. The University provides opportunities for students to earn college credit toward the degree through a number of assessment options that evaluate their learning experiences. These paths are grouped under the category "Prior Learning Assessment" (PLA). Various means of earning PLA credit at TSU are the following: Advanced Placement Program, American Council of Education (ACE) Military Credit, College Level Exam Program (CLEP), DSST Credit by Examination Program (includes DANTES Examination), Institutional Course Challenge Exams (Departmental Exams), International Baccalaureate Credit, Other Military Service, Dual Credit, Dual Enrollment, Portfolio Assessment. To learn more about PLA contact your academic advisor or the Office of Student Support Services for Adult and Distance Learners at (615) 963-7001 or adultstudentsupport@tnstate.edu.

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Fall Schedule		Milestones
Semester 1	Hrs.	Semester 1
ENGL 1010	3	Pre-Requisite Course: Must be taken before ENGL 1020, and HIST 2010, HIST 2020, HIST 2030, HIST 2060, HIST 2070, or HIST 2700; Minimum Grade "C" Required
BIOL 1110/1111	4	
MATH 1110	3	
UNIV 1000*	1	
COMM 2200	3	
AGSC 1410	3	Pre-Requisite Course: Required for all Animal Science Courses; Minimum Grade of "C" Required
Total Hours	17	

*An Orientation course taken at another University does **NOT** meet this requirement. Transfer students with less than 60 credit hours must take UNIV 1000 at TSU.

Spring Schedule		Milestones
Semester 2	Hrs.	Semester 2
ENGL 1020	3	Pre-Requisite Course: Must be taken before taking HIST 2010, HIST 2020, HIST 2030, HIST 2060, HIST 2070, or HIST 2700; Minimum Grade "C" Required
CHEM 1110 w/ Lab	4	
ART 1010	3	
MUSC 1010	3	
AGSC 1200	3	Required for all Plant Science Courses; Minimum Grade of "C" Required
Total Hours	16	

Fall Schedule		Milestones
Semester 3	Hrs.	Semester 3
		<i>Students should meet with the academic advisor. Take the Praxis Core Exams-Reading 5712 (qualifying score 156), Writing 5722 (qualifying score 162) and Math 5732 (qualifying score 150) or students may be exempt from the Praxis Core if they have scored 22 or above on the ACT or 1020 or above on the SAT before applying for admission to Teacher Education in Semester 4.</i>
ECON 2010	3	
HIST 2010*	3	
EDCI 2010	3	Pre-requisite Course: Must be taken by Teacher Licensure students before being admitted to Teacher Education; Minimum Grade of "C" Required
AGSC 2200	3	Minimum Grade of "C" Required
AGSC 2010	3	Pre-Requisite Course: Must be taken before AGSC4020; Minimum Grade of "C" Required
Total Hours	15	

*The Department recommends HIST 2010; however, HIST 2030, HIST 2060, HIST 2070 or HIST 2700 satisfy this requirement.

Spring Schedule		Milestones
Semester 4	Hrs.	Semester 4
		Apply for Admission to Teacher Education. To do so, students must have a minimum GPA of 2.75, satisfactory report on the Criminal Background Check, a successful interview, and a satisfactory writing sample.
ENGL 2110*	3	
PSYC 2010	3	Pre-requisite Course: Must be taken by Teacher Licensure students before being admitted to Teacher Education; Minimum Grade of "C" Required
HIST 2020**	3	
PSYC 2420	3	Pre-requisite Course: Must be taken by Teacher Licensure students before being admitted to Teacher Education; Minimum Grade of "C" Required
Total Hours	12	

*The Department recommends ENGL 2110; however, courses within the range of ENGL 2012 - ENGL 2322 will meet this requirement.

**The Department recommends HIST 2020; however, HIST 2030, HIST 2060, HIST 2070 or HIST 2700 satisfy this requirement. Students must remember not to duplicate course options from a previous semester.

Fall Schedule		Milestones
Semester 5	Hrs.	Semester 5
		Block 1 - Pre-Residency Take the Praxis II Exam: 5135-Agriculture Content Knowledge (qualifying score 157) At the beginning of this semester, Teacher Licensure students must make application to the Teacher Education Program (Pre-Residency). A GPA of 2.75 is required and must be maintained throughout the program.
AGSC 3090	3	Minimum Grade of "C" Required
AGSC 3060	3	Minimum Grade of "C" Required
AGSC Guided Elective*	3	Minimum Grade of "C" Required
AGSC Guided Elective*	3	Minimum Grade of "C" Required
AGSC 3111 or 3112	3	Minimum Grade of "C" Required
Total Hours	15	Note: Junior and senior students seeking Teacher Licensure must enroll in Teacher Education/Blocked courses during the semesters indicated in this map.

*Guided Electives: AGSC 3000, AGSC 3010, AGSC 3020, 3030,3040, or NUFS 3110.

Spring Schedule		Milestones
Semester 6	Hrs.	Semester 6
		Block 2 - Pre-Residency Pre-requisite: Students must be admitted to Pre-Residency Block 2 in order to enroll in the courses listed for this semester. During this semester, students must apply for admission to Residency I.
EDCI 3870 (SBAE) OR AGSC 3185 * (Ag. Ext. & Leadership)	3	<i>EDCI 3870 is required for students seeking teacher licensure; AGSC 3185 is required for students focused in Leadership Option; Minimum Grade of "C" Required</i>
EDCI 4910 (SBAE) OR AGSC 4040 * (Ag. Ext. & Leadership)	3	<i>EDCI 4910 is required for students seeking teacher licensure; AGSC 4040 is required for students focused in Leadership Option; Minimum Grade of "C" Required</i>
AGSC 3330 or Guided HORT Elective*	3	Minimum Grade of "C" Required
AGSC 3070	3	Minimum Grade of "C" Required
AGSC Guided An SCI Elective**	3	Minimum Grade of "C" Required
Total Hours	15	Note: Junior and senior students must enroll in Teacher Education/Blocked courses during the semesters indicated.

*Guided Horticulture Electives: AGSC 3320, AGSC 3350, AGSC 3260, AGSC 3340; AGSC 4260.

**Guided Animal Science Electives: AGSC 3410, AGSC 3420, AGSC 3430, AGSC 3500, AGSC 3601.

Fall Schedule		Milestones
Semester 7	Hrs.	Semester 7
		Block 3 – Residency I Pre-requisites: admission to Residency I, CPR Certification, and Praxis II Exam: 5624-Principles of Learning and Teaching (7-12) (qualifying score 155). During this semester, students must apply for admission to Residency II.
AGSC 3050	3	Minimum Grade of "C" Required
AGSC 3080	3	Minimum Grade of "C" Required
EDSE 3330 (SBAE) OR AGSC 4020 (Ag. Ext. & Leadership)*	3	<i>Teacher Licensure students must take EDSE 3330; AGSC 4020 is required for students focused in Leadership Option. Minimum Grade of "C" Required;</i>
EDCI 4620 (6) (SBAE) OR AGSC 4030 (4), 4070 (3) AND 4710 (1) (Ag. Ext. & Leadership)*	6 or 8	<i>As a part of Residency I, Teacher Licensure students must complete 90-100 hrs. of co-teaching/field placement in EDCI 4620 and at least 50% of time in HS Agri-science program; Leadership students are required to take AGSC 4030, AGSC 4070, and AGSC 4710. Minimum Grade of "C" Required</i>
Total Hours	15 or 17	<i>Teacher Licensure students take PRAXIS II Exam – Agriculture 7-12 (0700) Content Knowledge for teacher licensure students.</i>

*All Teacher Education courses are required and will only be offered during the indicated semesters of the third and fourth years.

Spring Schedule		Milestones
Semester 8	Hrs.	Semester 8
		Block 4 – Residency II Pre-requisites: Students must be admitted to Residency II. At this point in the program, students must have successfully completed all requirements for Block 3 Residency I and ALL Praxis Exams are required to enroll in courses for this semester.
		Take Senior Exit Exam and Apply for Graduation
AGSC 4500	3	Minimum Grade of “C” Required
EDCI 4705 (SBAE) OR AGSC 4090 * (Ag. Ext. & Leadership)	3	<i>Co-Requisite Course: AGSC 4050</i> <i>EDCI 4705—Student Teaching required for Teacher Licensure students;</i> AGSC 4090 required for Leadership Option students; Minimum Grade of “C” Required for each course.
AGSC 4050 (9) (SBAE)* OR AGSC 4720 (1) AND Electives (6) (Ag. Ext. & Leadership)**	9 or 7	<i>Co-Requisite Course: EDCI 4705</i> Student Teaching lasts 16 weeks / Mon-Fri. (AGSC 4050) Leadership students are required to take 4720 and six more AGSC Electives (see below) Minimum Grade of “B” Required for each course. A student who earns a Grade of “C” or “D” in Student Teaching may graduate from the University, however, they will not be recommended for licensure.
Total Hours	15	NOTE: At the end of Student Teaching, students must complete the edTPA (portfolio) and the Teacher Education Exit Interview.

*16 weeks full-time in High School Agri-Science program.

**Electives are as follows: AGSC 3120, AGSC 3130, 4010, 4020, 4080, or 4100

Employment Information:

Agricultural Education is designed to prepare students to become: teachers of agriculture, extension agents, graduate students in Agricultural Education and other professional areas that require a broad knowledge of agriculture. It focuses attention upon the development of leadership skills needed for planning and achieving long range goals and objectives, including improved agricultural production, conservation of natural resources, and provision of educational programs for personal, family and community development.

Representative Job Titles Related to this Concentration include: Agricultural Educator/Teacher, Training and Development Officer, Consultant, Extension Agent, Extension Specialist, Professor, Human Resources Specialist, Agribusiness Manager, Social Scientists, Program Leader/Coordinator, Marketing Specialist, Educational Supervisor, Farm/Ranch Manager, International Agriculture Consultant, Production Agriculture Manager, Sales/service Representative, Wildlife Educator, Museum Educator, Zoo Educator, Natural Resources Officer, Agritourism Manager/Educator, Marketing Communications Manager, District Sales Representatives, Advertising Manager, Reporter, Editor, and Account Manager

Representative Employers:

Public Schools, Major Corporations, Small Businesses, Governments, Local, State, Federal, Non-Profit Organizations. For example: Metro Nashville Public Schools, Farm Credit Service, Tractor Supply Company, Caterpillar, USDA, Tennessee Department of Agriculture, Tennessee 4-H, Tennessee FFA, National Dairy Council, Tennessee Beef Industry Council, Tennessee Farm Bureau, RFD-TV, etc.

International study is available for all TSU students and may include opportunities for internships or taking course work towards various minors. International study may have an impact on the academic map; therefore, it is important to consult with the academic advisor for this major before participating in an international Program opportunity. Students interested in study abroad opportunities should contact the Office of International Programs and consult with their academic advisor.

Launch My Career Tennessee

To better assist you in making decisions about the career for which you are preparing, a link to the website, Launch My Career Tennessee has been provided for you to explore. The tools on the site will give you a wealth of information concerning your degree choice and possible career pathways. For example, the site will allow you to determine the return on the investment you are making in your education by estimating expected earnings over the course of your career. Begin charting your course by clicking on the link below.

<http://launchmycareertn.org/>

This map is not intended to be a contract, either expressed or implied, between the University and the students, but represents a flexible program of the current curriculum which may be altered from time to time to carry out the academic objectives of the University. TSU specifically reserves the right to change, delete or add to any MAP at any time within the student's period of study at the University.