

AGRI-TECHNOLOGY, AS

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.

Natural Sciences Division

Degree S0101

The program of courses in Agriculture is designed to enable students to prepare for a career in this essential and diverse profession. The department offers a comprehensive Agricultural Sciences program and is unique in that most courses provide hands-on experiences designed to give the students a combination of practical skills and technical knowledge.

The following programs list all courses needed to satisfy major requirements. Students may obtain certificates upon completion of required courses listed. Additional courses needed for completion of the Degree are listed in this catalog. It is recommended that all students consult with the department chairperson, faculty advisor, or counselor to file an educational plan.

These programs are intended to prepare students for employment following graduation. Students desiring a bachelor's degree should consult with the department chairperson, counselor or advisor to discuss transferability of courses. The curriculum is flexible in nature to allow for previous experience and specialization in a given area of agriculture and agricultural business.

This degree requires the completion of General Education coursework plus the following:

Required Courses

Course Prefix	Course Name	Units
AGAG 1	Food Production, Land Use, and Politics - A Global Perspective	3
AGAG 91	Agricultural Calculations	3
AGAN 1	Animal Science	3
AGOR 1	Horticultural Science	3
AGOR 32	Landscaping and Nursery Management	3
AGOR 56	Engine Diagnostics	3
AGOR 71	Construction Fundamentals	3
Choose three from the following:		9-10
AGLI 14	Swine Production	
AGLI 16	Horse Production and Management	
AGLI 17	Sheep Production	
AGLI 30	Beef Production	
AGOR 24	Integrated Pest Management	
AGOR 62	Irrigation Principles and Design	
AGPE 70	Pet Shop Management	
AGPE 71	Canine Management	
Total Units		30-31

Animal Sciences Website (<http://www.mtsac.edu/animal>)

Agricultural Sciences Website (<http://www.mtsac.edu/agriculture>)

Program Learning Outcomes

Upon successful completion of this program, a student will:

- Be able to demonstrate an understanding of the interdependence of world agriculture systems.
- Demonstrate professional conduct in the industry.
- Be able to give a professional quality oral presentation.