

SOUTHERN UTAH UNIVERSITY

Walter Maxwell Gibson College of Science & Engineering BIS in Agriculture Science & Industry

GENERAL EDUCATION (CORE REQUIREMENTS) (16-17 CR.)

English Requirements: (6)

___ ENGL 1010
___ ENGL 2010

Quantitative Literacy Requirements: (3-4)

___ Math 1030 or higher

Information Literacy Requirement: (1)

___ LM 1010

Computer Literacy Requirement: (3)

___ CSIS 1000

American Institutions Requirement: (3)

___ HIST 1700 or ___ POLS 1100 or ___ ECON 1740

GENERAL EDUCATION (KNOWLEDGE AREA REQUIREMENTS) (16 CR.)

Fine Arts (F): (3)

___ Select one

Humanities (H): (3)

___ Select one

Social and Behavioral Sciences (S): (3)

___ fulfilled by ECON 2010 *

Life Science (L): (3)

___ fulfilled by AGSC 1010 or AGSC 1100*

Physical Science (P): (4)

___ fulfilled by CHEM 1110/1115 (pre-req. for AGSC 3560)

EDGE PROGRAM (1-3 CREDITS)

___ EDGE 1010 - Becoming an Engaged Learner (required of all students)

Select a two course sequence based on an EDGE project area of focus: (Proposal & Planning/Reporting & Reflection)

___ EDGE 3010/4010 - Community Project

___ EDGE 3040/4040 - Leadership Project

___ EDGE 3020/4020 - Creativity Project

___ EDGE 3050/4050 - Outdoor Project

___ EDGE 3030/4030 - Global Project

AGRICULTURE CORE REQUIREMENTS (32 CR.)

Students must complete all core requirements:

- ___ AGSC 1010 Agriculture & Society* (3) (S)
- ___ AGSC 1100 Principles of Animal Science* (3) (F)
- ___ AGSC 1110/1115 Crop Production/Lab (4) (S)
- ___ AGSC 1990 Agriculture Leadership (1) (F/S)
- Note: May be taken 3 times*
- ___ AGSC 3020 Agribusiness Management (3) (S)
- ___ AGSC 3400/3405 Feed. & Nutr. of Livestock & Horses/Lab (4) (S) *Pre-req: AGSC 1100*
- ___ AGSC 3560/3565 Soils/Lab (4) (F)
- Pre req: CHEM 1110/1115*
- ___ AGSC 4990 Agriculture Seminar (1) (F/S)
- Pre-req: AGSC 1990 Note: May be taken 2 times*
- ___ ACCT 2010 Accounting Principles (3) (F/S)
- ___ ECON 2010 Principles of Microeconomics* (3) (F/S)
- AND one of the following*
- ___ ENGL 2040 Writing in Professional Contexts (3) (F/S)
- Pre-req: ENGL 2010*
- ___ COMM 4240 Technical Writing (3) (F/S/M)

AREAS OF EMPHASIS

Students must complete one of the following emphasis areas:

Agribusiness Emphasis (18-20 CR.)

- ___ ACCT 2020 Managerial Accounting (3) (F/S)
- Pre-req: ACCT 2010*
- ___ ACCT 3350 Business Law I (3) (F/S)
- ___ MKTG 3010 Marketing Principles (3) (F/S)
- Pre-req: Junior standing*
- ___ MGMT 3180 Management & Organizations (3) (F/S)
- Pre-req: Junior standing*
- AND 6-8 credits from the following**
- ___ AGSC 3030/3035 Forage Crops/Lab (4) (F odd)
- Pre-req: AGSC 1110/1115*
- ___ AGSC 3350 Horse Sciences & Industry (3) (F)
- Pre-req: AGSC 1100*
- ___ AGSC 3700/3705 Princ. of Irrigated Soils/Lab (4) (F even)
- ___ AGSC 4100 Beef Cattle Management (3) (F)
- Pre-req: AGSC 1100; AGSC 2640, 3020, 3400 recommended*
- ___ AGSC 4250 Sheep Management (3) (S even)
- Pre-req: AGSC 1100, AGSC 2640, 3020, 3400 recommended*
- ___ RANG 3600/3605 Range Management/Lab (4) (F)
- Electives (39-42 credits, 8-11 need to be upper-division)**

Animal Science & Industries Emphasis (17-18 CR.)

___ AGSC 3150 Animal Breeding (3) (F)

Pre-req: AGSC 1100, MATH 1030; BIOL 3060/3065 recom.

___ AGSC 3500/3505 Animal Reproduction/Lab (4) (S)

Pre-req: AGSC 1100

AND 2 of the following (4 Credits)

___ AGSC 2630 Horse Production Practices (2) (S)

___ AGSC 2640 Livestock Prod. Practices (2) (F even)

___ AGSC 2760 Horsemanship II (2) (F/S) *Pre-req: AGSC 1750*

___ AGSC 2820 Artificial Insemination for Cattle (2) (S)

Pre-req: AGSC 1100 & Instructor Permission

___ AGSC 3760 Advanced Horsemanship (2) (F)

Pre-req: AGSC 2760 & Instructor Permission; may repeat

AND 2 of the following (6-7 Credits)

___ AGSC 3350 Horse Sciences & Industry (3) (F)

Pre-req: AGSC 1100

___ AGSC 4100 Beef Cattle Management (3) (F)

Pre-req: AGSC 1100; AGSC 2640, 3020, 3400 recommended

___ AGSC 4250 Sheep Management (3) (S even)

Pre-req: AGSC 1100, AGSC 2640, 3020, 3400 recommended

___ BIOL 3060/3065 Genetics/Lab (4) (S) *as needed*

Pre-req: BIOL 1620/1625, CHEM 1110/1115 or 1210/1215

Electives (39-42 credits, 7-13 upper-division)

Plant Science & Industries Emphasis (18-20 CR.)

___ AGSC 3030/3035 Forage Crops/Lab (4) (F odd)

Pre-req: AGSC 1110/1115

___ AGSC 3230/3235 Pests & Pest Mgmt./Lab (4) (S)

___ AGSC 3700/3705 Prins. of Irrig. Soil/Lab (4) (F even)

AND 6-8 credits from the following

___ BIOL 3710/3715 Greenhouse Pract. I/Lab (2) (F/S)

Pre-req: Instructor Permission

___ BIOL 3730/3735 Greenhouse Pract. II/Lab (2) (F/S)

Pre-req: BIOL 3710/3714 & Instructor Permission

___ RANG 3600/3605 Range Management/Lab (4) (F)

___ RANG 3800/3805 Wildland Plant ID/Lab (4) (S)

Electives (39-41 credits, 5-8 upper-division)

Natural Resource/Range Mgmt. Emphasis (18 CR.)

___ RANG 3600/3605 Range Management/Lab (4) (F)

___ RANG 3800/3805 Wildland Plant Id/Lab (4) (S)

___ RANG 4200 Wildland Ecology (3) (S)

Pre-req: RANG 3600

___ RANG 4400/4405 Wildland Restoration/Lab (4) (F)

Pre-req: RANG 4200 & RANG 3800

AND one of the following:

___ AGSC 4100 Beef Cattle Management (3) (F)

Pre-req: AGSC 1100; AGSC 2640, 3020, 3400 recommended

___ AGSC 4250 Sheep Management (3) (S Even)

Pre-req: AGSC 1100, AGSC 2640, 3020, 3400 recommended

___ RANG 4000 Rangeland-Ungulate Anim. Rel. (3) (S)

Pre-req: RANG 3600

Electives (39-41 credits, 5-8 upper-division)

General Agriculture Emphasis (17 CR.)

In addition to the core, students will select a minimum of 17 semester credits to meet a specific interest or career goal. That goal may not be satisfied by the emphasis areas above. Examples might include agriculture journalism, equine, natural resources, GIS/GPS, or international agriculture.

The program must be approved by an advisor, department chair, and the dean.

Electives (39-42 credits, 23-26 upper-division)

ADDITIONAL INFORMATION

Students are strongly encouraged to consult their advisor before selecting coursework.

Students must complete their major coursework with a C- grade or above.

A minor is not required

Courses over 10 years old will not be accepted.

Students must have 120 total credits/40 upper-division credits to graduate.

Pre-Requisites and the semester that courses are offered are subject to change. Please check the current catalog for updates.

F: Fall courses

S: Spring courses

M: Maymester/Summer courses

**Courses that fulfill both Gen. Ed. And major requirements*