

SOUTHERN UTAH UNIVERSITY

College of Science & Engineering – *B.I.S. in Agriculture Science & Industry* (2012-2013)

GENERAL EDUCATION (CORE COURSE REQUIREMENTS)

English Requirements (C): (6)

- __ ENGL 1010
- __ ENGL 2010

Quantitative Literacy Requirements (C): (3-4)

- __ MATH 1030 or higher

Information Literacy Requirement (C): (1)

- __ LM 1010

Computer Literacy Requirement (C): (3)

- __ CSIS 1000

American Institutions Requirement (I): (3)

- __ HIST 1700 *or* POLS 1100 *or* ECON 1740

GENERAL EDUCATION (KNOWLEDGE AREA REQUIREMENTS)

Fine Arts (F): (3)

- __ Select one

Humanities (H): (3)

- __ Select one

Social and Behavioral Sciences (S): (3)

- __ ECON 2010* (*Recommended*)

Life Science (L): (3)

- __ AGSC 1100* (*Must Take*)

Physical Science (P): (4-5)

- __ Chemistry (*Recommended*)

TOTAL: 32-34 CREDITS

EXPERIENTIAL EDUCATION (3 credits)

- __ UNIV 1010 – Introduction to Experiential Education (1)
- __ UNIV 3925 – Experiential Education Proposal (1)
- __ UNIV 4925 – Experiential Education Synthesis & Reflection (1)

Students will choose one of five Experiential Engagement Tracks to work in to complete this requirement. These include Global, Community, Leadership, Outdoor, & Creativity and Innovation.

AGRICULTURE SCIENCE CORE REQUIREMENTS (29 credits)

- __ **AGSC 1010** Agriculture & Society (3) (S)
- __ **AGSC 1110/1115** Crop Production/Lab (4) (S)
- __ **ASGC 1990** Agriculture Leadership (1) (F/S)
Note: May be taken 3 times
- __ **AGSC 3020** Agribusiness Management (3) (S)
- __ **AGSC 3400/3405** Feed. & Nutr. of Lives. & Horses/Lab (4) (S)
Pre-req: AGSC 1100
- __ **AGSC 3560/3565** Soil Science/Lab (4) (F)
Pre-req: College chemistry or equivalent
- __ **AGSC 4990** Agricultural Seminar (1) (F/S)
Pre-req: AGSC 1990 Note: May be taken 2 times
- __ **ACCT 2010** Accounting Principles (3) (F/S)
- __ **ECON 2010** Microeconomics* (3) (F/S)

AND

- __ **ENGL 2040** Professional Business Writing (3) (F/S)
Pre-req: CSIS 1000 & ENGL 1010

OR

- __ **COMM 4240** Technical Writing (3) (F/S/M)

ANIMAL SCIENCE & INDUSTRIES EMPHASIS (17 credits)

- __ **AGSC 3150** Animal Breeding (3) (F)
Pre-req: AGSC 1100 & MATH 1030 or higher;
BIOL 3060/3065 recommended
- __ **AGSC 3500/3505** Animal Reproduction/Lab (4) (S)
Pre-req: AGSC 1100
- __ **BIOL 3060/3065** Genetics/Lab (4) (F/S)
Pre-req: BIOL 1620/1625, MATH 1050, & CHEM 1110/1115
or 1210/1215
- __ **AGSC 3000**-level course (3) (Animal Management)
- __ **AGSC 3000**-level course (3) (Animal Management)

Electives (40-42 credits, 6-9 upper-division)

PLANT SCIENCE & INDUSTRIES EMPHASIS (18 credits)

- __ **AGSC 3030/3035** Forage Crops/Lab (4) (F odd)
Pre-req: AGSC 1110/1115
- __ **AGSC 3230/3235** Pests & Pest Management/Lab (4) (S)
- __ **AGSC 3700/3705** Principles of Irrigated Soils/Lab (4) (F even)
- __ **AGSC 3000**-level course (3) (Plant Science)
- __ **AGSC 3000**-level course (3) (Plant Science)

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

NATURAL RESOURCES/RANGE MGMT EMPHASIS (18 credits)

- __ **AGSC 3100** Beef Cattle Management (3) (F)
Pre-req: AGSC 1100; AGSC 3400, 3500, 2640 recommended
- OR
- __ **AGSC 3250** Sheep Management (3) (S)
Pre-req: AGSC 1100 ; AGSC 3400, 3500, 2640 recommended
- AND
- __ **RANG 3600/3605** Range Management/Lab (4) (F)
- __ **RANG 3800/3805** Wildland Plant Identification/Lab (4) (S)
Pre-req: Instructor Permission
- __ **RANG 4200** Wildland Ecology (3) (S)
Pre-req: Instructor Permission
- __ **RANG 4400/4405** Wildland Restoration/Lab (4) (F)
Pre-req: Intro. BIOL Course or Instructor Permission

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

AGRIBUSINESS EMPHASIS (18 credits)

- __ **ACCT 2020** Managerial Accounting (3) (F/S)
- __ **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
- __ **ASGC 3000**-level course (3) (Plant/Animal Management)
- __ **AGSC 3000**-level course (3) (Plant/Animal Management)

Electives (39-41 credits, 8-11 need to be upper-division)

F: Fall courses

S: Spring courses

M: Maymester/Summer courses

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

GENERAL AGRICULTURE EMPHASIS (17 credits)

In addition to the core, students will have selected a minimum of 17 semester credits to meet a specific interest or career goal. That goal may not be satisfied by the above emphasis areas. Examples might include agriculture journalism, natural resources, GIS/GPS, and international agriculture. **The program must be approved by an advisor, department chair, and the dean.**

Electives (40-42 credits, 23-26 upper-division)

ADDITIONAL INFORMATION

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

A minor is not required.

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.