

# SOUTHERN UTAH UNIVERSITY

## Walter Maxwell Gibson College of Science & Engineering

*BIS in Agriculture Science & Industry (2013-2014)*

### 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)**

- \_\_ Select one

**Physical Science (P): (4-5)**

- \_\_ Chemistry (*Recommended*)

**TOTAL: 32-34 CREDITS**

### EDGE PROGRAM (3 CREDITS)

- \_\_ UNIV 1010 – EDGE Program Introduction (1)
- \_\_ UNIV 3925 – EDGE Project Proposal (1)
- \_\_ UNIV 4925 – EDGE Program Completion (1)

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

### AGRICULTURE SCIENCE CORE REQUIREMENTS (32 CREDITS)

- \_\_ AGSC 1010 Agriculture & Society\* (3) (S)
- \_\_ AGSC 1100 Principles of Animal Science\* (3) (F)
- \_\_ 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 Soils/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 one of the following*

- \_\_ ENGL 2040 Professional Business Writing (3) (F/S)  
*Pre-req: CSIS 1000 & ENGL 1010*
- \_\_ COMM 4240 Technical Writing (3) (F/S/M)

### AGRIBUSINESS EMPHASIS (18 CREDITS)

- \_\_ 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*
- \_\_ 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)**

### ANIMAL SCIENCE & INDUSTRIES EMPHASIS (17-18 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*  
  
*And two of the following (4 credits)*
- \_\_ AGSC 2630 Horse Production Practices (2) (S)
- \_\_ AGSC 2640 Livestock Production Practices 1 (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*  
  
*And two of the following (6-7 credits)*
- \_\_ 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*
- \_\_ AGSC 3350 Horse Science & Industry (3) (F)  
*Pre-req: AGSC 1100; AGSC 2640, 3020, 3400 recommended*
- \_\_ BIOL 3060/3065 Genetics/Lab (4) (F/S)  
*Pre-req: BIOL 1620/1625, MATH 1050, & CHEM 1110/1115 or 1210/1215*

**Electives (39-42 credits, 7-13 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)**

- \_\_\_ **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*
- AND one of the following*
- \_\_\_ **AGSC 4100** Beef Cattle Management (3) (F)  
*Pre-req: AGSC 1100; AGSC 3400, 3020, 2640 recommended*
  - \_\_\_ **AGSC 4250** Sheep Management (3) (S Even)  
*Pre-req: AGSC 1100 ; AGSC 3400, 3020, 2640 recommended*
  - \_\_\_ **RANG 4000** Rangeland-Ungulate Animal Rel. (3) (S)

**Electives (39-41 credits, 5-8 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, or 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.**

**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.**