



BACHELOR OF SCIENCE DEGREE CHECK SHEET
MAJOR IN AGRICULTURE
2011-2012

Last	First	Middle or Maiden	ID#	Date
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I. GENERAL EDUCATION (50 hours)

- ENGL 1113
- ENGL 1213
- COMM 1113
- MATH 1513 or above
- BIOL 1004, BIOL 1114 or 1364
- CHEM 1004, CHEM 1364/1 or ESCI 1135
- HIST 1483 or 1493
- PS 1113
- Humanities (6 hours)

- FAMS 1123, PSY 1113, or SOCI 1113
- AGRC 1334
- Physical Education activities (4 hours) or
Military Science (8 hours)

ELECTIVES to complete 50 hours

(No more than 6 hours in any one dept)

III. MINOR _____ (18 hours)

II. MAJOR (42-44 hours)

A. Required Core Courses (5 hours)

- AGRC 2423 Computers in Ag
- AGRC 4572 Ag Seminar

B. Required Core Electives (23-25 hrs from below)

- AGRC 1124 Intro to Animal Science
- AGRC 1214 Intro to Plant Science
- AGRC 1334 Intro to Agriculture Econ
- AGRC 2124 Fund of Soil Science
- AGMC 1413 Intro to Mechanized Agriculture
- ENSC 2004 Intro to Environmental Science
- ESCI 1135 Earth Science

C. Recommended Support Courses

- CHEM 1361/4 General Chemistry I
- CHEM 1471/4 General Chemistry II*
- CHEM 3345 Organic Chemistry **OR**
- CHEM 3314 and 3324 Org. Chem I & II
- STAT 3013 Probability and Statistics

*Required for CHEM 2113, 3334, 3314,
and 3324

D. Concentration and Options

(Requirements on back of page)

- A. Animal Science Concentration
- B. Agronomy Concentration
- C. Agriculture Mechanization Concentration
- D. Agriculture Business Mgmt Option
- E. Environmental Science Option

IV. GRADUATION REQUIREMENTS

- Department Requirements
- Liberal Arts & Sciences (55 hours)
- Minimum 128 credit hours completed
- Minimum 40 credit hours upper division
- Retention GPA 2.0 (C average)
- Cameron GPA 2.0 (C average)
- Complete Graduation Application at Registrar's Office

AGRICULTURE 2011-2012

A. ANIMAL SCIENCE CONCENTRATION

(AGRC 1124 plus 14 hours from below)

- ANIM 3102 Livestock Evaluation
- ANIM 3112 Advanced Livestock Evaluation
- ANIM 3133 Breeds of Livestock
- ANIM 3653 Applied Nutrition
- ANIM 4113 Beef Cattle Science
- ANIM 4123 Swine Science
- ANIM 4133 Sheep Science
- ANIM 4333 Physiology of Domestic Animals
- ANIM 4423 Livestock Diseases & Sanitation
- ANIM 4434 Animal Reproduction

Other approved by Chair of Agriculture

B. AGRONOMY CONCENTRATION

(AGRC 1214, AGRC 2124 plus 14 hours from below)

- AGRN 3213 Forage, Range, & Pasture Crops
- AGRN 3312 Crop Science Lab
- AGRN 3434 Soil Morphology, Genesis & Class
- AGRN 3513 Fiber & Oilseed Crops
- AGRN 3683 Soil Physical Prop, Mgmt, & Conserv
- AGRN 4123 Principles of Plant Physiology
- AGRN 4223 Pesticides
- AGRN 4234 Soil Fertility & Mgmt
- AGRN 4673 Grain Crops

Other approved by Chair of Agriculture

C. AGRICULTURAL MECHANIZATION CONCENTRATION

(AGMC 1413 plus 14 hours from below)

- AGMC 3123 Agric Const Skills & Processes
- AGMC 3152 Electricity in Agriculture
- AGMC 3172 Mechanized Feed Handling
- AGMC 3223 Agricultural Mech Skills
- AGMC 4203 Drainage & Irrigation Principles
- AGMC 4702 Tractor Principles
- AGMC 4802 Mach Mgmt & Sys Planning

Other approved by Chair of Agriculture

D. AGRICULTURE BUSINESS MGMT OPTION

(Concentration A, B, or C and AGRC 1334 plus 27 hours below)

Required Courses (18 hours)

- AGRC 3303 Princ of Agricultural Marketing
- AGRC 3413 Farm & Ranch Management
- ACCT 2013 Principles of Accounting I
- BUS 3213 Business Law I
- MGMT 3013 Principles of Management
- MKTG 3413 Principles of Marketing

Electives (9 hours from below)

- FIN 2643 Insurance
- FIN 2813 Fund of Real Estate
- FIN 3313 Money and Banking
- FIN 3603 Principles of Finance
- FIN 3623 Investments
- MKTG 3433 Retailing
- MKTG 3533 Sales Management

Other approved by Chair of Agriculture

NOTE: No minor is required

E. ENVIRONMENTAL SCIENCE OPTION

(AGRC 1214, AGRC 2124, ENSC 2004 plus 29 hours from below)

Required Courses (10 hours)

- CHEM 1361/CHEM 1364
- CHEM 1471/CHEM 1474

Elective Courses (19 hours chosen from below)

- AGRN 3434 Soil Morp, Genesis & Class
- AGRN 3683 Soil Phys Prop, Mgmt & Conserv
- AGRN 4223 Pesticides
- BIOL 2124 Microbiology
- CHEM 2113 Analytical Chemistry
- CHEM 3334 Water and Waste

Other approved by Chair of Agriculture

NOTE: No minor is required