

STUDENT: _____ ID: _____
 SIGNED: _____ DATE: _____

2017-2018 CATALOG

B.S. IN AGRICULTURAL STUDIES WITH **INTEGRATED RANCH MANAGEMENT OPTION** REQUIREMENTS

GENERAL EDUCATION:

All General Education Requirements must be met. Please see General Education Requirements sheet for full list of course offerings.

B.S. IN AGRICULTURAL STUDIES CORE CURRICULUM

All B.S. in Agricultural Studies Core Curriculum Requirements must be met. Please see Agricultural Studies Core Curriculum Requirements sheet for full list of course offerings.

Students will be required to take GIS 380 – Applied Arc GIS as part of the Agricultural Studies core curriculum.

Semester Completed | Notes (Sub Class/etc.)

INTEGRATED RANCH MANAGEMENT OPTION:

- AGEC 142 – Agricultural Accounting (3) (F) _____
- AGEC 244 – Introduction to Agricultural Marketing (3) (F, S Online) _____
- AGEC 246 – Introduction to Agricultural Finance (3) (S) _____
- AGEC 375 – Applied Agricultural Law# (3) (S Even) _____
- AGEC 387 – Commodity Futures and Options (3) (*,S) _____
- ANSC 220 – Livestock Production (3) (S) _____
- ANSC 420 – Animal Genetics and Applied Animal Breeding (3) (*,F Even) _____
- ANSC 445 – Problems in Livestock Management (3) (*,F Odd) _____
- ANSC 463 – Physiology of Reproduction# (3) (S Odd) _____
- ANSC 463L – Physiology of Reproduction Laboratory (1) (S Odd) _____
- ANSC 470 – Applied Ruminant Nutrition (3) (S) _____
- VETS 339 – Animal Health (3) (*,S) _____

Choose course not taken in agricultural core curriculum (3 credits): _____

- ANSC 114 – Introduction to Animal Science (3) (F)
- ANSC 123 – Feeds and Feeding (3) (F)

Two courses from the following four courses (6 credits): _____

- PLSC 486 – Forages and Forage Systems (3) (F)
- RNG 350 – Range Plants and Communities (3) (F)
- RNG 436 – Range and Pasture Management (3) (*,F)
- RNG 458 – Rangeland Ecology (3) (S)

Two courses from the following nine choices (5-6 credits): _____

- AGEC 442 – Advanced Farm Management (3) (F Even)
- ANSC 260 – Introduction to Equine Studies (3) (S)
- GIS 210 – Applied GPS (3) (S)
- GIS 480 – GPS/GIS II (3) (*,On Demand)
- PLSC 225 – Principles of Crop Production (3) (*,F)
- RNG 456 – Range Habitat Management (3) (S Odd)
- SOIL 321 – Soil Management and Conservation (3) (*,F Odd)
- SOIL 322 – Soil Fertility and Fertilizers (3) (*,F Odd)
- Approved Agriculture elective(s) (2-3)

It is recommended to take these classes in succession:

- **RNG 336 – Introduction to Range Management (Freshman/Sophomore)**
- **RNG 350 – Range Plants and Communities (Sophomore/Junior)**
- **RNG 446 – Advanced Range and Forage Planning (Junior/Senior)**

Total Hours: _____

Total Required Semester Hours: **48-49**

*Requires pre-requisite | #IVN class from NDSU | F – Fall | S – Spring