

STUDENT: \_\_\_\_\_ ID: \_\_\_\_\_  
 SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

# 2017-2018 CATALOG

## B.S. IN AGRICULTURAL STUDIES WITH **RANGE 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.  
 They will be required to take GEOL 105, GEOL 105L – Physical Geology and Lab in the General Education requirements.  
 If not taken as a General Education class, it must be taken to fulfill the Range Management option requirements.***

**Semester Completed | Notes (Sub Class/etc.)**

**RANGE MANAGEMENT OPTION:**

- AGEC 422 – Resource Economics and Environmental Protection (3) (\*,S) \_\_\_\_\_
- BIOL 151 – General Biology II (3) (\*,F) \_\_\_\_\_
- BIOL 151L – General Biology II Lab (1) (\*,F) \_\_\_\_\_
- BIOL 250 – Wildlife Management (3) (\*,F Odd) \_\_\_\_\_
- BIOL 254 – Introduction to Botany (4) (\*,F) \_\_\_\_\_
- CHEM 121 – General Chemistry I (4) (\*,F) \_\_\_\_\_
- CHEM 121L – General Chemistry I Lab (1) (\*,F) \_\_\_\_\_
- GIS 210 – Applied GPS (3) (S) \_\_\_\_\_
- RNG 350 – Range Plants and Communities (3) (F) \_\_\_\_\_
- RNG 436 – Range and Pasture Management (3) (\*,F) \_\_\_\_\_
- RNG 446 – Advance Range and Forage Planning (1) (\*,S) \_\_\_\_\_
- RNG 453 – Rangeland Resources Watershed Management# (3) (S Even) \_\_\_\_\_
- RNG 456 – Range Habitat Management (3) (S Odd) \_\_\_\_\_
- RNG 458 – Rangeland Ecology (3) (S) \_\_\_\_\_
- RNG 480 – Conflict Resolutions in Agriculture (1) (S Even) \_\_\_\_\_
- RNG 457 – Range Reclamation and Restoration (3) (\*,S Odd) \_\_\_\_\_
- One** course from the following two courses (3 credits): \_\_\_\_\_
  - PLSC 323 – Principles of Weed Science (3) (S) \_\_\_\_\_
  - PLSC 486 – Forages and Forage Systems (3) (F) \_\_\_\_\_
- One** course from the following two courses (1 credit): \_\_\_\_\_
  - RNG 451 – Range Monitoring Techniques (1) (F) \_\_\_\_\_
  - RNG 496 – Summer Field Study (1) (Summer) \_\_\_\_\_
- One** course from the following two courses (3 credits): \_\_\_\_\_
  - SOIL 321 – Soil Management and Conservation (3) (\*,F Odd) \_\_\_\_\_
  - SOIL 322 – Soil Fertility and Fertilizers (3) (\*,F Odd) \_\_\_\_\_

**Total Hours:** \_\_\_\_\_  
**Total Required Semester Hours:** 49-50

*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)**

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