

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

2017-2018 CATALOG

B.S. IN AGRICULTURAL STUDIES WITH **NATURAL RESOURCE 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.
 Students will be required to take GEOL 105, 105L – Physical Geology and Lab as the General Education science elective.
 If not taken as a General Education class, it must be taken to fulfill the Natural Resource Management option requirements.*

Semester Completed | Notes (Sub Class/etc.)

NATURAL RESOURCE 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) _____
- GIS 210 – Applied GPS (3) (S) _____
- PLSC 225 – Principles of Crop Production (3) (*,F) _____
- PLSC 323 – Principles of Weed Science (3) (S) _____
- RNG 350 – Range Plants and Communities (3) (F) _____
- RNG 436 – Range and Pasture Management (3) (*,F) _____
- RNG 458 – Rangeland Ecology (3) (S) _____
- SOIL 321 – Soil Management and Conservation (3) (*,F Odd) _____
- SOIL 444 – Soil Genesis and Survey (4) (*,F Even) _____
- Two pairs from the following three choices (9-10 credits): _____

- BIOL 150 – General Biology I (3) (*,S)
- BIOL 150L – General Biology I Lab (1) (*,S)
- Or
- CHEM 121 – General Chemistry I (4) (*,F)
- CHEM 121L – General Chemistry I Lab (1) (*,F)
- Or
- CHEM 122 – General Chemistry II (4) (*,S)
- CHEM 122L – General Chemistry II Lab (1) (*,S)

At least **five to six credits** from the following choices:

- BIOL 250 – Wildlife Management (3) (*,F Odd)
- BIOL 254 – Introduction to Botany (4) (*,F)
- BIOL 415 – Ecology (4) (*,S Odd)
- GEOL 311 – Process Geomorphology (4) (*,F Odd)
- GEOL 330 – Physical Geology of North Dakota (3) (*,S Even)
- GIS 480 – GPS/GIS II (3) (*,On Demand)
- PLSC 235 – Field Scouting Techniques (2) (*,S)
- PLSC 486 – Forages and Forage Systems (3) (F)
- SOIL 322 – Soil Fertility and Fertilizers (3) (*,F Odd)
- SOIL 350 – Soil Health and Productivity (3) (*,S Even)

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: **46-48**

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