

WILDLIFE and FOREST CONSERVATION

4-Year Plan for Undergraduate Programs in the Sciences

Relevant to Catalog for AY 2019-20

Updated Spring 2019

This document is to be used as a guide for Castleton undergraduates majoring in Wildlife and Forest Conservation and for their advisers to help choose courses to complete the chosen program of study. Some programs also make recommendations for when certain general requirement courses should be taken. Full-time students are expected to fill out their schedules to take a minimum of 12 credits. To maintain pace for a 4-year graduation timeframe students should take 15-16 credits per semester (minimum average is 15.25 credits per semester).

Realize these are not completely inclusive 4-year plans and students are still expected to complete the general requirements needed for a degree from Castleton including, but not limited to:

- 122 total credits for graduation
- Completion of chosen frames courses
- Completion of an FYS course (may be waived for some transfer students)
- 3 semesters of Soundings
- Completion of ENG 1061 and ENG 2260, or Touchstones Honors
- Completion of ENG 1070 Effective Speaking
- Completion of TWO Writing Intensive Courses
- Completion of a speaking Intensive course beyond ENG 1070
- Completion of a computing intensive course
- Completion of the culminating essay after two WI courses
- Completion of the Quantitative Reasoning Exam
- Completion of the Information Literacy Exam

General Degree Requirements

Check the spaces below as you complete each requirement

First Year Seminar

__ FYS Course

Soundings

__ INT-1051 (Fall 1st year) __ INT-1053 (Spring 1st year) __ INT-3054 (Junior year)

Writing Standard

__ ENG-1061 (English Comp; during 1st year; or Touchstones Honors)

__ 1st W.I. course

__ 2nd W.I. course

__ W.I. culminating exam (assigned after taking two W.I. courses)

Literature Requirement

__ ENG-2260 (Touchstones)

Oral Communication Standard

__ ENG-1070 (Effective Speaking)

__ Another S.I. course

Computing Requirement

__ BUS-1270 or any other C.I. course

Four Frames of Reference

Aesthetic Understanding: 6 cr. (each course must have a different prefix)

__ course: _____

__ course: _____

World Views: Cultural, Historical, and Philosophical: 6 cr. (each course must have a different prefix)

__ course: _____

__ course: _____

Social and Behavioral Understanding: 6 cr. (each course must have a different prefix)

__ course: _____

__ course: _____

Scientific and Mathematical Understanding: 10 cr. (only two courses can have the same prefix)

__ course: _____

__ course: _____

__ course: _____

__ course: _____

Quantitative Reasoning Standard (exempt if 600 or higher on SAT)

__ Q.R. exam (suggested to take it in 1st or 2nd year)

Information Literacy Standard

__ I.L. exam

Forms to file

__ "DUAP" (before end of Sophomore year)

__ "Application for Degree" (12 months before graduating)

__ Min. Credits for graduation (122)

WILDLIFE and FOREST CONSERVATION (Catalog 19-20)

1st Year

| <u>Fall</u> | | | <u>Spring</u> | | |
|------------------|--------------------------------|-------|---------------|-----------------------|-------|
| BIO 1121 | Biology I | 4cr | BIO 1122 | Biology II | 4cr |
| CHE 1051 | Chemistry I | 4cr | NRM 1XXX | Nat.Resource Mngmnt | 3cr |
| Math Placement | | 3-4cr | BUS 1270 | Computer Info Systems | 3cr |
| INT 1051 | 1 st Year Soundings | 1cr | SCI 1230 | Pathways to Science | 1cr |
| FYS/Gen Ed Frame | | 3cr | ENG 1061 | English Comp. | 3cr |
| | | | INT 1053 | Soundings II | 0.5cr |

2nd Year

| <u>Fall</u> | | | <u>Spring</u> | | |
|----------------------------------|----------------------|-------|----------------------------------|---------------------|-------|
| BIO 2XXX | Conservation Biology | 3cr | SCI 2XXX | Env. Law and Policy | 3cr |
| MAT 2036 | Biostatistics | 4cr | ENG 2260 | Touchstones | 3cr |
| SCI 2100 | Science Colloquium | 1cr | ENG 1070 | Effective Speaking | 3cr |
| Gen Ed Frame OR Program Elective | | 3-4cr | Gen Ed Frame OR Program Elective | | 3-4cr |
| Gen Ed Frame | | 3cr | | | |

3rd Year

| <u>Fall</u> | | | <u>Spring</u> | | |
|----------------------------------|------------------------|-------|---------------|-------------------------|-------|
| NRM 2XXX | Conservation Field Exp | 4cr | BIO 3070 | Genetics | 4cr |
| BIO 3060 Ecology | | 4cr | SCI 2210 | GIS | 3cr |
| or BIO 3065 Plant Ecology | | | NRM 3XXX | Conservation Internship | 3cr |
| Gen Ed Frame OR Program Elective | | 3-4cr | INT 3054 | Junior Soundings | 0.5cr |

4th Year

| <u>Fall</u> | | | <u>Spring</u> | | |
|----------------------------------|--|-------|----------------------------------|--|-------|
| Gen Ed Frame OR Program Elective | | 3-4cr | Gen Ed Frame OR Program Elective | | 3-4cr |
| BIO 3065 Plant Ecology | | 4cr | Wildlife Management | | 3cr |
| or BIO 3060 Ecology | | | | | |
| Gen Ed Frame | | 3cr | | | |

Elective choices (minimum of 6cr):

| | |
|--|-----|
| BIO 1XXX: Dendrology and Silviculture | 3cr |
| BIO 3030: Ecology of Water | 3cr |
| BIO 3160: Animal Behavior | 4cr |
| BIO 3710: Herpetology | 4cr |
| BIO 4260: Field Techniques and Current Topics in Wildlife Biology | 3cr |
| GEY 1030: Dynamic Earth | 4cr |
| GEY 3110: Hydrogeology | 4cr |
| PHY 2110: Physics I | 4cr |

Recommended Gen Ed Frames/other courses:

| | |
|------------------------------------|-----|
| PHI 3160 Environmental Ethics | 3cr |
| COM 1221 Intro to Media and Comm | 3cr |
| OR COM 2150 Public Relations | |
| ACC 2102 Accounting I | 3cr |
| SOC 1030 Social Problems | 3cr |
| ECO 1010 Econ and Society | 3cr |
| ANT 1010 Cultural Anthropology | 3cr |
| ECO 3060 Political Econ of the Env | 3cr |
| OER courses (varied) | |