

# Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar.

## B.S. in Conservation Biology Entering in 2017

(W)=Writing Intensive, (SI)=Speaking Intensive, (IL)=Information Literacy courses.

(REVISED 05-08-17)

Name: \_\_\_\_\_

ID# \_\_\_\_\_

Year of Anticipated Graduation: \_\_\_\_\_

Date: \_\_\_\_\_

Advisor: \_\_\_\_\_

**TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS**

**Minimum CQPA and MQPA required for graduation-----2.00**

**General Education + Elective Requirements----- 57 HOURS**

**MQPA Courses-----BIOL**

**Major Requirements-----71 HOURS**

**GENERAL EDUCATION REQUIREMENTS----- 28 HOURS**

**BIOLOGY CORE REQUIREMENTS----- 17 HOURS**

|  | Cr. | Sem. Taken | Grade |
|--|-----|------------|-------|
| <b>HUMANITIES CORE----- 15 HOURS</b>           |     |            |       |
| HUMA 102 Civ and the Biblical Revelation (IL)* | 3   | _____      | _____ |
| HUMA 200 Western Civilization                  | 3   | _____      | _____ |
| HUMA 202 Civilization and Literature           | 3   | _____      | _____ |
| HUMA 301 Civilization and the Arts             | 3   | _____      | _____ |
| HUMA 303 Christianity and Civilization         | 3   | _____      | _____ |

|   | Cr. | Sem. Taken | Grade |
|---|-----|------------|-------|
| BIOL 101 General Biology I              | 4   | _____      | _____ |
| BIOL 102 General Biology II             | 4   | _____      | _____ |
| BIOL 233 Genetics                       | 4   | _____      | _____ |
| BIOL 234 Cell Biology                   | 4   | _____      | _____ |
| BIOL 488 Seminar in Biology (W, SI, IL) | 1   | _____      | _____ |

\*The year-long sequence of RELI 211 and 212 may substitute for this course.

**WRITING REQUIREMENT----- 3 HOURS**

|  |   |       |       |
|--|---|-------|-------|
| WRIT 101 Found. of Academic Discourse (IL) | 3 | _____ | _____ |
|--|---|-------|-------|

**CONSERVATION GROUP 1----- 15 HOURS**

|  |   |       |       |
|--|---|-------|-------|
| BIOL 305 Plant Taxonomy                  | 4 | _____ | _____ |
| BIOL 320 Conservation & Wildlife Biology | 4 | _____ | _____ |
| BIOL 326 Evolutionary Biology            | 3 | _____ | _____ |
| BIOL 331 Ecology                         | 4 | _____ | _____ |

**STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)----- 2 HOURS**

Choose one course from the following:

|   |   |       |       |
|---|---|-------|-------|
| COMP 205/SSFT 205 Ethics, Faith, and the Conscious Mind       |   |       |       |
| PHIL 243 Science and the Human: Inquiry, Design, & the Person |   |       |       |
| SSFT 210 Science & Religion                                   |   |       |       |
| SSFT 212 Science, Faith, Technology, & Origins                |   |       |       |
|   | 2 | _____ | _____ |

**CONSERVATION GROUP 2: Complete three of the following:----- 9-10 HOURS**

|                                       |   |       |       |
|---------------------------------------|---|-------|-------|
| BIOL 323 Invertebrate Zoology *       | 3 | _____ | _____ |
| BIOL 403 Basis of Wildlife Behavior * | 3 | _____ | _____ |
| BIOL 409 Entomology *                 | 4 | _____ | _____ |
| BIOL 421 Aquatic & Fishery Biology *  | 3 | _____ | _____ |

**FOUNDATIONS OF THE SOCIAL SCIENCES----- 3 HOURS**

Choose one social science course from the following:

|   |   |       |       |
|---|---|-------|-------|
| ECON 120 Foundations of Economics             |   |       |       |
| HIST 120 Foundations of History               |   |       |       |
| HIST 204 Hist/Phil Foundations of Education   |   |       |       |
| POLS 101 Foundations of Political Science     |   |       |       |
| PSYC 101 Foundations of Psychology            |   |       |       |
| PSYC 200 Cross-Cultural Psychology            |   |       |       |
| SOCI 101 Foundations of Sociology             |   |       |       |
| SOCI 103 Foundations of Cultural Anthropology |   |       |       |
| SOCW 101 Foundations of Social Work           |   |       |       |
|   | 3 | _____ | _____ |

**BIOLOGY ELECTIVES----- 13-14 HOURS**

To reach the minimum 71 hours for the Conservation Biology major requirements, plan to complete additional BIOL courses, choosing from upper-division, seminar, research, or internship options listed below.

|   |   |       |       |
|---|---|-------|-------|
| BIOL 301 Advanced Genetics *                | 4 | _____ | _____ |
| BIOL 302 Developmental Biology *            | 4 | _____ | _____ |
| BIOL 310 Zoonotic Disease and Public Health | 4 | _____ | _____ |
| BIOL 313 Histology *                        | 3 | _____ | _____ |
| BIOL 314 Immunology                         | 3 | _____ | _____ |
| BIOL 322 The Biology of Cancer*             | 3 | _____ | _____ |
| BIOL 325 Virology *                         | 3 | _____ | _____ |
| BIOL 334 Biochemistry for Biology           | 3 | _____ | _____ |
| BIOL 341 Human/Mammalian Anatomy            | 4 | _____ | _____ |
| BIOL 346 Human/Mammalian Physiology         | 4 | _____ | _____ |
| BIOL 407 Microbiology                       | 4 | _____ | _____ |

\*Offered alternate years. Schedule accordingly.

**QUANTITATIVE/LOGICAL REASONING----- 3 HOURS**

Refer to the *Bulletin* - General Education section - for requirements.

|  |   |       |       |
|--|---|-------|-------|
|  | 3 | _____ | _____ |
|--|---|-------|-------|

\* PSYC 201 Statistical Methods is recommended for this requirement.

**NATURAL SCIENCES (with labs)----- 0 HOURS**

College requirements met through major-related coursework.

**PHYSICAL EDUCATION----- 2 HOURS**

|                              |   |       |       |
|------------------------------|---|-------|-------|
| PHYE 101 (men) / 111 (women) | 1 | _____ | _____ |
| PHYE 102 (men) / 112 (women) | 1 | _____ | _____ |

**GENERAL ELECTIVES----- 29 HOURS**

|       |       |       |       |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

**RESEARCH (min 2 hour commitment), INDEPENDENT STUDY, INTERNSHIP**

|                                       |     |       |       |
|---------------------------------------|-----|-------|-------|
| BIOL 260/360/460 Independent Study    | 1-3 | _____ | _____ |
| BIOL 270/370/470 Independent Research | 1   | _____ | _____ |
| BIOL 480 Internship in Biology        | 1-6 | _____ | _____ |
| BIOL 499 Honors Biology Research      | 1-2 | _____ | _____ |

**SEMINARS**

|  |   |       |       |
|--|---|-------|-------|
| BIOL 208 Intro to Environmental Education  | 2 | _____ | _____ |
| BIOL 372 Contemporary Topics in Biology    | 1 | _____ | _____ |
| BIOL 484 Issues in Environmental Education | 2 | _____ | _____ |

**MAJOR-RELATED REQUIREMENTS----- 16 HOURS**

|                                |   |       |       |
|--------------------------------|---|-------|-------|
| CHEM 101 General Chemistry I   | 4 | _____ | _____ |
| CHEM 102 General Chemistry II  | 4 | _____ | _____ |
| MATH 161 Calculus I            | 4 | _____ | _____ |
| SCIC 204 Environmental Science | 4 | _____ | _____ |

## SUGGESTED FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN CONSERVATION BIOLOGY

\*\* Please note that there is considerable flexibility in semesters 5-8 \*\*

### Freshman Year

| <u>Fall</u>                                     | <u>Credits</u> | <u>Spring</u>                                 | <u>Credits</u> |
|---|----------------|---|----------------|
| BIOL 101 General Biology I.....                 | 4              | BIOL 102 General Biology II.....              | 4              |
| CHEM 101 General Chemistry I.....               | 4              | CHEM 102 General Chemistry II.....            | 4              |
| WRIT 101 Foundations of Academic Discourse..... | 3              | HUMA 102 Civ and the Biblical Revelation..... | 3              |
| Physical Education 101 (men)/111 (women).....   | 1              | MATH 161 Calculus I.....                      | 4              |
| General Electives*.....                         | <u>4</u>       | Physical Education 102 (men)/112 (women)..... | <u>1</u>       |
|   | 16             |   | 16             |

\* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

### Sophomore Year

| <u>Fall</u>                        | <u>Credits</u> | <u>Spring</u>  | <u>Credits</u> |
|------------------------------------|----------------|--|----------------|
| BIOL 233 Genetics.....             | 4              | BIOL 234 Cell Biology.....                                 | 4              |
| HUMA 200 Western Civilization..... | 3              | HUMA 202 Civilization and Literature.....                  | 3              |
| SSFT Course.....                   | 2              | Quantitative/Logical Reasoning Course (e.g. PSYC 201)..... | 3              |
| General Electives.....             | 8              | General Electives.....                                     | <u>6</u>       |
|                                    | 17             |  | 16             |

### Junior Year

| <u>Fall</u>                             | <u>Credits</u> | <u>Spring</u>                                 | <u>Credits</u> |
|---|----------------|---|----------------|
| BIOL 331 Ecology.....                   | 4              | BIOL 320 Conservation / Wildlife Biology..... | 4              |
| Conservation Group 2 Elective.....      | 3              | BIOL 326 Evolutionary Biology.....            | 3              |
| Conservation Group 2 Elective.....      | 3              | HUMA 303 Christianity and Civilization.....   | 3              |
| HUMA 301 Civilization and the Arts..... | 3              | SCIC 204 Environmental Science.....           | 4              |
| General Electives.....                  | <u>3</u>       | General Electives.....                        | <u>2</u>       |
|   | 16             |   | 16             |

### Senior Year

| <u>Fall</u>                               | <u>Credits</u> | <u>Spring</u>                 | <u>Credits</u> |
|---|----------------|-------------------------------|----------------|
| BIOL 305 Plant Taxonomy.....              | 4              | BIOL 488 Biology Seminar..... | 1              |
| Conservation Group 2 Elective.....        | 3              | Biology Electives.....        | 8              |
| Biology Electives.....                    | 6              | General Electives.....        | <u>6</u>       |
| Foundations of Social Science Course..... | <u>3</u>       |                               | 15             |
|   | 16             |                               |                |

Consult with your advisor regarding specific courses and course load per semester.

A total of at least 128 credits of coursework are required for graduation.