

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.

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

B.S. in Biology Entering in 2021

(REVISED 03-01-2021)

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

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

General Education + Elective Requirements----- 77 HOURS

GENERAL EDUCATION REQUIREMENTS----- 27 HOURS

HUMANITIES CORE----- 15 HOURS

| | Cr. | Sem. Taken | Grade |
|--|-----|------------|-------|
| 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 | _____ | _____ |

*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 | _____ | _____ |
|--|---|-------|-------|

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 | _____ | _____ |

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

Choose one course from the following:

| | | | |
|---|------------------------------------|---|-------|
| ECON 120 Foundations of Economics | PSYC 101 Foundations of Psychology | | |
| HIST 120 Foundations of History | PSYC 200 Cross-Cultural Psychology | | |
| HIST 141 World Geography | SOCI 101 Foundations of Sociology | | |
| HIST 204 Hist/Phil Foundations of Education | SOCI 103 Found. of Cultural Anthr. | | |
| POLS 101 Foundations of Political Science | SOCW 101 Found. of Social Work | | |
| | | 3 | _____ |

QUANTITATIVE/LOGICAL REASONING----- 3 HOURS

Refer to the *Bulletin* - General Education section - for requirements.
PSYC 201 Statistical Methods is recommended for this requirement.

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

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

College requirements met through major-related coursework.

PHYSICAL EDUCATION----- 1 HOURS

| | | | |
|---------------------------|---|-------|-------|
| PHYE 100 Healthful Living | 1 | _____ | _____ |
|---------------------------|---|-------|-------|

GENERAL ELECTIVES----- 50 HOURS

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

MQPA Courses-----BIOL

Major Requirements-----51 HOURS

BIOLOGY CORE REQUIREMENTS----- 17 HOURS

| | 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 (WI, SI, IL) | 1 | _____ | _____ |

BIOLOGY GROUP CHOICES----- 18 HOURS

Choose one course from *each* of the following groups, as well as an additional course from any group to reach a minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.

GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY

| | | | |
|-------------------------------------|---|----------------|--|
| BIOL 301 Medical Genetics | 4 | | |
| BIOL 302 Developmental Biology * | 4 | | |
| BIOL 322 The Biology of Cancer* | 3 | | |
| BIOL 325 Virology * | 3 | Group 1: _____ | |
| BIOL 334 Biochemistry for Biology | 3 | | |
| BIOL 346 Human/Mammalian Physiology | 4 | | |
| BIOL 407 Microbiology | 4 | | |

GROUP 2 - VERTEBRATE SYSTEMS

| | | | |
|---|---|----------------|--|
| BIOL 310 Zoonotic Disease and Public Health | 4 | | |
| BIOL 313 Histology | 3 | | |
| BIOL 314 Immunology | 3 | Group 2: _____ | |
| BIOL 341 Human/Mammalian Anatomy | 4 | | |

GROUP 3 - NATURAL HISTORY

| | | | |
|---------------------------------|---|----------------|--|
| BIOL 305 Plant Taxonomy | 4 | | |
| BIOL 323 Invertebrate Zoology * | 3 | | |
| BIOL 326 Evolutionary Biology | 3 | Group 3: _____ | |
| BIOL 409 Entomology * | 4 | | |

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

| | | | |
|--|---|----------------|--|
| BIOL 320 Conservation & Wildlife Biology | 4 | | |
| BIOL 328 Intro to Geographic Information Science | 4 | | |
| BIOL 331 Ecology | 4 | | |
| BIOL 403 Basis of Wildlife Behavior * | 3 | Group 4: _____ | |
| BIOL 421 Aquatic & Fishery Biology * | 3 | | |

ADDITIONAL GROUP COURSE

| | | | |
|--|-----|-------------------|--|
| One course from any of the groups above. | 3-4 | Group Elec: _____ | |
|--|-----|-------------------|--|

*Offered alternate years. Schedule accordingly.

BIOLOGY ELECTIVES----- 4 HOURS

Choose four hours from any additional Biology offerings. See the College *Bulletin* for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one credit per semester).

MAJOR-RELATED REQUIREMENTS----- 12 HOURS

| | | | |
|-----------------------------------|---|-------|-------|
| CHEM 111 General Chemistry I | 3 | _____ | _____ |
| CHEM 113 General Chemistry I Lab | 1 | _____ | _____ |
| CHEM 112 General Chemistry II | 3 | _____ | _____ |
| CHEM 114 General Chemistry II Lab | 1 | _____ | _____ |
| MATH 161 Calculus I | 4 | _____ | _____ |

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN 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 111 General Chemistry I..... | 3 | CHEM 112 General Chemistry II..... | 3 |
| CHEM 113 General Chemistry I Lab..... | 1 | CHEM 114 General Chemistry II Lab..... | 1 |
| WRIT 101 Foundations of Academic Discourse..... | 3 | HUMA 102 Civ and the Biblical Revelation..... | 3 |
| PHYE 100 Healthful Living..... | 1 | MATH 161 Calculus I..... | 4 |
| General Electives*..... | <u>4</u> | General Elective..... | <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..... | <u>8</u> | General Electives..... | <u>6</u> |
| | 17 | | 16 |

Junior Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|---|----------------|---|----------------|
| Biology Group Course..... | 4 | Biology Group Course..... | 4 |
| Biology Elective..... | 1 | Biology Elective..... | 1 |
| HUMA 301 Civilization and the Arts..... | 3 | HUMA 303 Christianity and Civilization..... | 3 |
| General Electives..... | <u>8</u> | General Electives..... | <u>8</u> |
| | 16 | | 16 |

Senior Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|---|----------------|------------------------------------|----------------|
| Biology Group Course..... | 3 | BIOL 488 Biology Seminar..... | 1 |
| Biology Group Course..... | 4 | Biology Group Elective Course..... | 3 |
| Biology Elective..... | 1 | Biology Elective..... | 1 |
| Foundations of Social Science Course..... | 3 | General Electives..... | <u>10</u> |
| General Electives..... | <u>5</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.