

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 Mathematics Entering in 2022

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

(REVISED 09-29-2022)

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

**MQPA Courses-----MATH, STAT 331, 332
(excluding MATH 110, 111, 118, 119, 141, 151, 152, 237, 240, and STAT 131)**

General Education + Elective Requirements-----81-86 HOURS

Major Requirements----- 45-50 HOURS

GENERAL EDUCATION REQUIREMENTS----- 34 HOURS

MATH CORE REQUIREMENTS-----26-27 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 | _____ | _____ |

MATH 161 (IL) is not required; however, proficiency in the material contained in it is a prerequisite for MATH 162.

| | | Cr. | Sem. Taken | Grade |
|----------|---|-------|------------|-------|
| MATH 125 | Mathematical Computing | 3 | _____ | _____ |
| MATH 162 | Calculus II (IL) | 4 | _____ | _____ |
| MATH 210 | Combinatorics OR | | | |
| MATH 213 | Discrete Mathematics for Computer Science | 3 - 4 | _____ | _____ |
| MATH 222 | Linear Algebra | 4 | _____ | _____ |
| MATH 261 | Calculus III (IL) | 4 | _____ | _____ |
| MATH 421 | Abstract Algebra | 3 | _____ | _____ |
| MATH 465 | Classical Analysis | 3 | _____ | _____ |
| MATH 488 | Seminar in Mathematics (WI) (SI) (IL) | 2 | _____ | _____ |

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

MATH ELECTIVES----- 12 HOURS

Choose three courses from STAT 331, 332, MATH 303, 365, 422, 466, and 467. Note: One course must be STAT 332, MATH 422, 466, or 467.

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

Choose one course from STAT 331, 332, MATH 232, 262, 303, 365, 422, 466, and 467.

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

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 | _____ | _____ |

MAJOR-RELATED REQUIREMENTS----- 7-11 HOURS

| | | | | |
|----------|------------------------------|---|-------|-------|
| PHYS 101 | General Physics I | 4 | _____ | _____ |
| | OR | | | |
| PHYS 121 | College Physics I AND | 4 | _____ | _____ |
| PHYS 122 | College Physics II | 4 | _____ | _____ |
| COMP 141 | Computer Programming I (IL) | 3 | _____ | _____ |

QUANTITATIVE/LOGICAL REASONING----- 0 HOURS

College requirements met through major-related coursework.

NATURAL SCIENCES (with labs)----- 4 HOURS

PHYS 121 and 122 together satisfy this requirement OR

PHYS 101 and one additional lab science course satisfy this requirement.

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

| | | | | |
|-------|--|---|-------|-------|
| _____ | | 4 | _____ | _____ |
|-------|--|---|-------|-------|

GENERAL ELECTIVES-----44-47 HOURS (*50-56 hours if language requirement waived)

PHYSICAL EDUCATION----- 1 HOURS

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

FOREIGN LANGUAGE, INTERMEDIATE LEVEL----- 6 HOURS*

Refer to the *Bulletin* for requirement details, exceptions, and the Classical Language policy.

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

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN MATHEMATICS

Freshman Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|---|----------------|---|----------------|
| MATH 125 Mathematical Computing | 3 | MATH 162 Calculus II..... | 4 |
| MATH 161 Calculus I..... | 4 | Foundations of Social Science Course..... | 3 |
| HUMA 102 Civ and the Biblical Revelation..... | 3 | WRIT 101 Foundations of Academic Discourse..... | 3 |
| *Foreign Language or General Elective..... | 3 | *Foreign Language or General Elective..... | 3 |
| PHYE 100 Healthful Living..... | 1 | COMP 141 Computer Programming I..... | <u>3</u> |
| General Elective..... | <u>3</u> | | 16 |
| | 17 | | |

Sophomore Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|--|----------------|--|----------------|
| MATH 210 <u>or</u> MATH 213..... | 3-4 | MATH 222 Linear Algebra..... | 4 |
| MATH 261 Calculus III..... | 4 | MATH 262 or MATH Elective..... | 3 |
| HUMA 200 Western Civilization..... | 3 | PHYS 101 General Physics I..... | 4 |
| HUMA 202 Civilization and Literature..... | 3 | SSFT Course..... | 2 |
| *Foreign Language or General Elective..... | <u>3</u> | *Foreign Language or General Elective..... | <u>3</u> |
| | 16 | | 16 |

Junior Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|---|----------------|--|----------------|
| MATH 421 Abstract Alg. or 465 Classical Analysis..... | 3 | MATH 421 Abstract Alg. or MATH 465 Classical Analysis..... | 3 |
| MATH Elective or General Elective..... | 3 | MATH Elective or General Elective..... | 3 |
| HUMA 303 Christianity and Civilization..... | 3 | HUMA 301 Civilization and the Arts..... | 3 |
| Natural Science with Lab..... | 4 | General Elective..... | <u>7</u> |
| General Elective..... | <u>3</u> | | 16 |
| | 16 | | |

Senior Year

| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> |
|---|----------------|--|----------------|
| MATH 488 Seminar in Mathematics or General Elect..... | 2 | MATH 488 Seminar in Mathematics or General Elective..... | 2 |
| MATH Elective..... | 3 | MATH Elective..... | 3 |
| General Electives..... | <u>10</u> | General Electives..... | <u>10</u> |
| | 15 | | 15 |

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

*Note: No college credits are earned when a student receives a language waiver. When a waiver is earned, the credits currently assigned to foreign language study must be fulfilled through general electives of the student's choosing.

