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. Entering in 2023

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

B.S. in Mathematics

(REVISED 04-04-2023)

| Name: | | | | | | | |
|---|---|---|---|---|--|------------------------------------|--------------------|
| Year of Anticipated Graduation: TOTAL HOURS REQUIRED FOR THIS DEGREE | | | | Date: | | | |
| | | | | Advisor: | | | |
| | | | | Minimum CQPA and MQPA required for graduation2.00 MQPA CoursesMATH; STAT 331, 332 (excluding MATH 110, 111, 118, 119, 141, 151, 152, 237, 240) Major Requirements | | | |
| General Education + Elective Requirements81-86 HOURS | | | | | | | |
| GENERAL EDUCATION REQUIREMENTS | | Cr. Sem. Taken | Grade | MATH CORE REQUIREMENTS26-27 HOURS MATH 161 (IL) is not required; however, proficiency in the material contained in it is a prerequisite for MATH 162. | | | |
| • | Civ and the Biblical Revelation (IL)* Western Civilization Civilization and Literature Civilization and the Arts Christianity and Civilization ng sequence of RELI 211 and 212 ma UIREMENT | 3 3 3 3 y substitute for this cou | urse. | MATH 125 MATH 162 MATH 210 MATH 213 MATH 222 MATH 261 MATH 421 | Mathematical Computing Calculus II (IL) Combinatorics OR Discrete Mathematics for Computer S Linear Algebra Calculus III (IL) Abstract Algebra | 4 4 | Faken Grade |
| WRIT 101 STUDIES IN SO Choose one coi COMP 205/SSF PHIL 243 | Found. of Academic Discourse (IL) CIENCE, FAITH, & TECHNOLOGY (Sourse from the following: FT 205 Ethics, Faith, and the Conscious Science and the Human: Inquiry, Des Science & Religion | 3us Mind | | Choose three | Classical Analysis Seminar in Mathematics (WI) (SI) (IL VES | 3 2 03, 365, 422, 466, and | 12 HOURS |
| Choose one co | Science, Faith, Technology, & Origins S OF THE SOCIAL SCIENCES urse from the following: | _ 2 | | | ourse from STAT 331, 332, MATH 232 | 3 3 , 262, 303, 365, 422, 46 | 66, and 467. |
| ECON 120 HIST 120 HIST 141 HIST 204 POLS 101 | Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science | PSYC 101 Foundati PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. | ultural Psychology ons of Sociology f Cultural Anthr. | | TED REQUIREMENTSGeneral Physics I College Physics I AND College Physics II | 4 | 7-11 HOURS |
| | E/LOGICAL REASONING ments met through major-related cours | | 0 HOURS | COMP 141 | Computer Programming I (IL) | 3 | |
| PHYS 121 and PHYS 101 and | ENCES (with labs) | OR sfy this requirement. | 4 HOURS | GENERAL EL | ECTIVES44-47 HOURS (*50- | 56 hours if language r | equirement waived) |
| PHYSICAL ED | UCATION Healthful Living | 1 | 1 HOURS | | | | |
| | GUAGE, INTERMEDIATE LEVEL in for requirement details, exceptions, and the | | | | | | |

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

Freshman Year

| | 1 16311 | iliali i cai | | | | | | |
|--|-----------------|---|-----------------|--|--|--|--|--|
| <u>Fall</u> | <u>Credits</u> | <u>Spring</u> | <u>Credits</u> | | | | | |
| MATH 125 Mathematical Computing | | MATH 162 Calculus II | | | | | | |
| MATH 161 Calculus I | | Foundations of Social Science Course | - | | | | | |
| HUMA 102 Civ and the Biblical Revelation | | WRIT 101 Foundations of Academic Discourse | | | | | | |
| *Foreign Language or General Elective | | *Foreign Language or General Elective | | | | | | |
| PHYE 100 Healthful Living | | General Elective | _ | | | | | |
| COMP 141 Computer Programming I | _ | | 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> | Credits | | | | | |
| 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 | | | | | | | | |
| Fall | Credits | Spring | Credits | | | | | |
| MATH 488 Seminar in Mathematics or General Elect | | MATH 488 Seminar in Mathematics or General Elective | | | | | | |
| MATH Elective | | MATH Elective | | | | | | |
| General Electives | | General Electives. | | | | | | |
| Ochicial Licelives | <u>11</u> 16 | Ochoral Licolives | <u>10</u> 15 | | | | | |
| | 10 | | 10 | | | | | |

*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.

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