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 2025

(REVISED 02-21-2025)

B.S. in Mathematics

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

Name: ID# Date: **Year of Anticipated Graduation:** 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, 115, 118, 119, 141, 151, 152, 237, 240) General Education + Elective Requirements-----74-79 HOURS Major Requirements------ 49-54 HOURS MATH CORE REQUIREMENTS------30-31 HOURS GENERAL EDUCATION REQUIREMENTS---------- 26 HOURS Cr. Sem. Taken Grade ----- 18 HOURS HUMANITIES CORE-----Cr. Sem. Taken Grade **Experimental Mathematics HUMA 100** The Humanities: Christian Wisdom **MATH 125** 3 Western Civilization **MATH 161** Calculus I HUMA 200 **HUMA 202** Civilization and Literature **MATH 162** Calculus II **HUMA 204** Civilization and the Arts 3 **MATH 210** Combinatorics OR Scripture & Theology for the Chr. Life I MATH 213 Discrete Mathematics for Computer Science 3-4 **HUMA 261** Linear Algebra Scripture & Theology for the Chr. Life II **MATH 222 HUMA 271** Gospel & the Good Life: Christian Ethics 2 **MATH 261** Calculus III **HUMA 300 MATH 421** Abstract Algebra 3 WRITING REQUIREMENT--------- 3 HOURS **MATH 465** Classical Analysis 3 Seminar in Mathematics (WI/SI/IL) **WRIT 101** Found. of Academic Discourse (WI/IL) **MATH 488** FOUNDATIONS OF THE SOCIAL SCIENCES*----- 3 HOURS Choose one course from the following: PSYC 101 Foundations of Psychology Choose three courses from STAT 331, 332, MATH 303, 365, 422, 466, and 467. Note: One course PSYC 200 Cross-Cultural Psychology must be STAT 332, MATH 422, 466, or 467. **ECON 120** Foundations of Economics **HIST 120** Foundations of History SOCW 101 Foundations of Social Work HIST 204 SOCI 101 Foundations of Sociology Historical & Phil. Found, of Education POLS 101 Foundations of Political Science SOCI 103 Found, of Cultural Anthr. Choose one course from STAT 331, 332, MATH 232, 262, 303, 365, 422, 466, and 467. NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING---- 0 HOURS (1) Natural Science with lab (Met through major) 4 (2) Quantitative/Logical Reasoning 3-4 (Met through major) (Met through major) (3) Third course in Natural Science, 3-4 ----- 7-11 HOURS Quantitative or Logical Reasoning MAJOR-RELATED REQUIREMENTS-----PHYS 101 General Physics I STUDIES IN SCIENCE, FAITH, & TECHNOLOGY -----<u>OR</u> Choose one course from the following: **PHYS 121** College Physics I AND COMP 205/SSFT 205 Ethics. Faith, and the Conscious Mind PHYS 122 College Physics II PHIL 243 Science and the Human: Inquiry, Design, & the Person **COMP 141 SSFT 210** Science & Religion Computer Programming I **SSFT 212** Science, Faith, Technology, & Origins GENERAL ELECTIVES------ 48-53 HOURS

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

Freshman Year

Fresilian Tear			
<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 125 Experimental Mathematics		MATH 162 Calculus II	=
MATH 161 Calculus I		Foundations of Social Science Course	-
Writing Requirement or HUMA course	3	Writing Requirement or HUMA course	3
General Elective	2	General Elective	3
HUMA 100 The Humanities: Christian Wisdom	1	General Elective	<u>3</u>
COMP 141 Computer Programming I	<u>3</u>		16
	16		
Sophomore Year			
Fall	<u>Credits</u>	Spring	<u>Credits</u>
MATH 210 <u>or</u> MATH 213		MATH 222 Linear Algebra	
MATH 261 Calculus III		MATH 262 or MATH Elective.	
HUMA Course	•	General Elective.	•
General Elective		HUMA Course	•
General Elective	-		<u>s</u> 16
	<u>-</u> 16		. •
Junior Year			
<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 421 Abstract Alg. or 465 Classical Analysis		MATH 421 Abstract Alg. or MATH 465 Classical Analysis	
MATH Elective or General Elective	_	MATH Elective or General Elective	3
HUMA Course		HUMA Course	-
PHYS 101 General Physics I		SSFT Course	
General Elective	<u>3</u>	General Elective	<u>5</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	
HUMA 300 Gospel and the Good Life: Christian Ethics.	-	General Electives.	
General Electives		551.51.8. E1008190	<u>11</u> 16
5010141 E1001170011111111111111111111111111111	<u>s</u> 16		10
	10		

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