

# 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 Mathematics and Secondary Education Certification Entering in 2024

(REVISED 04-15-2024)

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

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

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

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

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

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	38-43 HOURS

Minimum CQPA and MQPA required for graduation-----	2.00
Minimum QPAs required for certification-----	CQPA 3.00; MQPA 2.75
MQPA Courses-----	MATH, STAT 331, 332 (excluding MATH 110, 111, 115, 118, 119, 141, 151, 152, and 237)
Major Requirements-----	85-90 HOURS

**GENERAL EDUCATION REQUIREMENTS----- 34 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	_____	_____

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

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

WRIT 101 Found. of Academic Discourse (WI/IL)	3	_____	_____
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**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----- 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.

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**PHYSICAL EDUCATION----- 1 HOUR**

PHYE 100 Healthful Living	1	_____	_____
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**FOREIGN LANGUAGE, INTERMEDIATE LEVEL----- 6 HOURS\***

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

	3	_____	_____
	3	_____	_____

**GENERAL ELECTIVES-----4-9 HOURS (\*10-15 hours if language requirement waived)**

**MATH CORE REQUIREMENTS-----35-36 HOURS**

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

	Cr.	Sem. Taken	Grade
MATH 125 Experimental Mathematics	3	_____	_____
MATH 162 Calculus II	4	_____	_____
MATH 210 Combinatorics <b>OR</b>			
MATH 213 Discrete Mathematics for Comp. Science	3 - 4	_____	_____
MATH 222 Linear Algebra	4	_____	_____
MATH 240 Mathematics for Secondary Education	3	_____	_____
MATH 261 Calculus III	4	_____	_____
MATH 303 College Geometry	3	_____	_____
STAT 331 Theory of Statistics I	3	_____	_____
MATH 421 Abstract Algebra	3	_____	_____
MATH 465 Classical Analysis	3	_____	_____
MATH 488 Seminar in Mathematics (WI/SI/IL)	2	_____	_____

**MATH ELECTIVES----- 3 HOURS**

Choose one course from STAT 332, MATH 422, 466, or 467.

	3	_____	_____
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**MAJOR-RELATED REQUIREMENTS----- 7-11 HOURS**

COMP 141 Computer Programming I	3	_____	_____
PHYS 101 General Physics I	4	_____	_____
<b>OR</b>			
PHYS 121 College Physics I <b>AND</b>	4	_____	_____
PHYS 122 College Physics II	4	_____	_____

**PROFESSIONAL EDUCATION REQUIREMENTS----- 40 HOURS**

EDUC 102 Educational Psychology	3	_____	_____
EDUC 202^ Introduction to the Teaching Profession (IL)	3	_____	_____
EDUC 203 Culturally Relevant Pedagogy (IL)	3	_____	_____
EDUC 204 Technologies of Instruction	3	_____	_____
EDUC 215 Secondary Curriculum & Instruction I	2	_____	_____
EDUC 317 Secondary Math/Scic Curriculum & Instruc II	2	_____	_____
EDUC 371 Field Experience	1	_____	_____
EDUC 375 Secondary Field Experience (3rd Level)	1	_____	_____
EDUC 450 Student Teaching (SI)	16	_____	_____
EDUC 488 Issues in Education (WI/SI/IL)	3	_____	_____
SEDU 102 Exceptional Learners for 7-12 & K-12	2	_____	_____
SEDU 103 Methods of Sec. Spec. Educ Implementation	1	_____	_____

^ Students with EDUC 205 credit must take EDUC 206 to complete the EDUC 202 requirement.

# SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN MATHEMATICS and SECONDARY EDUCATION CERTIFICATION

## Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 125 Experimental Mathematics.....	3	MATH 162 Calculus II.....	4
MATH 161 Calculus I.....	4	EDUC 202 Introduction to the Teaching Profession.....	3
EDUC 102 Educational Psychology.....	3	EDUC 204 Technologies of Instruction.....	3
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
*Foreign Language or General Elective.....	3	*Foreign Language or General Elective.....	<u>3</u>
PHYE 100 Healthful Living.....	<u>1</u>		16
	17		

## Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 210 Combinatorics.....	3	MATH 222 Linear Algebra.....	4
MATH 261 Calculus III.....	4	HUMA 200 Western Civilization.....	3
COMP 141 Computer Programming I.....	3	PHYS 101 General Physics I.....	4
EDUC 203* Culturally Relevant Pedagogy.....	3	EDUC 215 Secondary Curriculum & Instruction <sup>^</sup> .....	2
HUMA 202 Civilization and Literature.....	<u>3</u>	EDUC 371 Field Experience (Secondary) <sup>^</sup> .....	1
	16	MATH 240 Mathematics for Secondary Education or General Elective.....	<u>2 or 3</u>
		<sup>^</sup> EDUC 215 and 371 must be taken together	16-17

<<<<<<<<<<< Apply to the Education Department by November 1 >>>>>>>>>>

### PLAN A - Fall Student Teaching

#### Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 331 Theory of Statistics I.....	3	MATH 240 Mathematics for Secondary Education or General Elective.....	2 or 3
MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3	STAT 332, MATH 422, 466, or 467.....	3
EDUC 317 Secondary Math/Scic Curriculum & Instruction II.....	2	MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3
EDUC 375 Secondary Field Experience (3rd Level).....	1	SEDU 102 Exceptional Learners for 7-12 & K-12.....	2
HUMA 301 Civilization and the Arts.....	3	SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1
Foundations of Social Science Course.....	<u>3</u>	HUMA 303 Christianity and Civilization.....	3
	15	SSFT Course*.....	<u>2</u>
			16-17

#### Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
EDUC 450* Student Teaching.....	<u>16</u>	MATH 303 College Geometry.....	3
(Pay extra student teaching fee)	16	MATH 488 Seminar in Mathematics.....	2
Take GRE Exam if applying to grad school.		EDUC 488 Issues in Education.....	3
Take PRAXIS Exam.		Natural Science with Lab*.....	4
		General Elective.....	<u>3</u>
			15

### PLAN B - Spring Student Teaching

#### Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 331 Theory of Statistics I.....	3	MATH 240 Mathematics for Secondary Education or General Elective.....	3
MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3	MATH 303 College Geometry.....	3
SEDU 102 Exceptional Learners for 7-12 & K-12.....	2	STAT 332, MATH 422, 466, or 467.....	3
SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1	HUMA 303 Christianity and Civilization.....	3
HUMA 301 Civilization and the Arts.....	3	Natural Science with Lab*.....	<u>4</u>
SSFT Course*.....	<u>2</u>		16
	14		

#### Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3	EDUC 450* Student Teaching.....	<u>16</u>
MATH 488 Seminar in Mathematics.....	2	(Pay extra student teaching fee)	16
EDUC 317 Secondary Math/Scic Curriculum & Instruction II.....	2	Take GRE Exam if applying to grad school.	
EDUC 375 Secondary Field Experience (3rd Level).....	2	Take PRAXIS Exam.	
EDUC 488 Issues in Education/Comparative Education.....	2		
Foundations of Social Science Course.....	3		
General Elective.....	<u>3</u>		
	17		

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

\*Students requiring a language must schedule EDUC 203 and SEDU 101 before student teaching by adjusting the schedule to take these courses during the regular Natural Science and SSFT positions. Note: No college credits are earned when a student receives a language waiver. Instead, the credits currently assigned to foreign language study must be fulfilled through general electives of the student's choosing.