

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 Computer Programming Entering in 2024

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

(REVISED 04-15-2024)

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-----COMP; MATH 118; MATH 213

General Education + Elective Requirements----- 66-68 HOURS

Major Requirements-----60-62 HOURS

GENERAL EDUCATION REQUIREMENTS----- 30 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 (WI/IL)	3	_____	_____
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STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)----- 0 HOURS

College requirements met through major-related coursework.

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

Choose one course from the following:

ECON 120 Foundations of Economics	PSYC 101 Found. of Psychology
HIST 120 Foundations of History	PSYC 200 Cross-Cultural Psyc.
HIST 141 World Geography	SOCI 101 Found. 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)----- 8 HOURS

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

_____	4	_____	_____
_____	4	_____	_____

PHYSICAL EDUCATION----- 1 HOUR

PHYE 100 Healthful Living	1	_____	_____
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COMPUTER SCIENCE CORE REQUIREMENTS----- 35 HOURS

COMP 141 Computer Programming I	3	_____	_____
COMP 155 Introduction to Computer Science	3	_____	_____
COMP 205 Ethics, Faith, and the Conscious Mind (IL)	3	_____	_____
COMP 220 Computer Programming II	3	_____	_____
COMP 222 Intro. to Data Structures & Algorithms	3	_____	_____
COMP 230 Advanced Programming	3	_____	_____
COMP 244 Database Management Systems	3	_____	_____
COMP 325 Computer Architecture & Organization	3	_____	_____
COMP 340 Operating Systems OR			
COMP 342 Data Communication & Networking	3	_____	_____
COMP 350 Software Engineering (WI/SI)	3	_____	_____
COMP 451 Senior Project I (IL)	2	_____	_____
COMP 452 Senior Project II (WI/SI/IL)	3	_____	_____

COMPUTER SCIENCE ELECTIVES----- 15 HOURS

Choose fifteen hours from any 300- or 400-level Computer Science or Data Science courses or ROBO 302.

_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

MATH REQUIREMENTS-----10-12 HOURS

MATH 118 Finite Mathematics **or** MATH 213 Discrete Mathematics for Computer Science.

_____ 3 - 4 _____

One of the following: Mathematics 214, Statistics 331, Statistics 131, or Psychology 201.

_____ 3 - 4 _____

MATH 141 Business Calculus **or** MATH 161 Calculus I

_____ 4 _____

GENERAL ELECTIVES-----36-38 HOURS

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN COMPUTER PROGRAMMING

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 141 Computer Programming I.....	3	COMP 220 Computer Programming II.....	3
COMP 155 Introduction to Computer Science.....	3	General Elective*.....	3
General Elective*.....	3	Natural Science with Lab.....	4
Natural Science with Lab.....	4	WRIT 101 Foundations of Academic Discourse.....	3
HUMA 102 Civ and the Biblical Revelation.....	<u>3</u>	PHYE 100 Healthful Living.....	1
	16	Foundations of Social Science Course.....	<u>3</u>
			17

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 222 Introduction to Data Structures & Algorithms..	3	COMP 205 Ethics, Faith, and the Conscious Mind.....	3
COMP 244 Database Management.....	3	COMP 230 Advanced Programming.....	3
MATH 118 Finite Mathematics.....	3	MATH 141 Business Calculus.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
General Electives.....	<u>4</u>	General Electives.....	<u>3</u>
	16		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 325 Computer Architecture & Organization.....	3	COMP 342 Data Comm. & Networking; or COMP 340 OS.....	3
PSYC 201 or STAT 131 Stat. Methods.....	3	COMP 350 Software Engineering.....	3
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA 301 Civilization and the Arts.....	3	Computer Science Elective.....	3
General Electives.....	<u>5</u>	General Electives.....	<u>4</u>
	17		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 451 Senior Project I.....	2	COMP 452 Senior Project II.....	3
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA 303 Christianity and Civilization.....	3	General Electives.....	<u>9</u>
General Electives.....	<u>7</u>		15
	15		

Students must work with their advisor during their sophomore year to create a plan for their computer science electives, since some electives are only offered in alternate years and require certain prerequisites.