

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 Science Entering in 2026

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

(REVISED 03-16-2026)

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

General Education + Elective Requirements----- 38-41 HOURS

MQPA Courses-----COMP; DSCI; MATH 213

Major Requirements-----87-90 HOURS

GENERAL EDUCATION REQUIREMENTS----- 24 HOURS

COMPUTER SCIENCE CORE REQUIREMENTS----- 27 HOURS

HUMANITIES CORE----- 18 HOURS

	Cr.	Sem. Taken	Grade
HUMANITIES CORE----- 18 HOURS			
HUMA 100 The Humanities: Christian Wisdom	1	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Civilization and Literature	3	_____	_____
HUMA 204 Civilization and the Arts	3	_____	_____
HUMA 261 Scripture & Theology for the Chr. Life I	3	_____	_____
HUMA 271 Scripture & Theology for the Chr. Life II	3	_____	_____
HUMA 300 Gospel & the Good Life: Christian Ethics	2	_____	_____

COMP 141 Computer Programming I	3	_____	_____
COMP 155 Introduction to Computer Science	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 314 Automata Theory	3	_____	_____
COMP 325 Computer Architecture & Organization	3	_____	_____
COMP 342 Data Communication & Networking	3	_____	_____

WRITING REQUIREMENT----- 3 HOURS

WRIT 101 Found. of Academic Discourse (WI/IL)	3	_____	_____
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FOUNDATIONS OF THE SOCIAL SCIENCES*----- 3 HOURS

Choose one course from the following:

ECON 120 Foundations of Economics	PSYC 101 Foundations of Psychology	3	_____	_____
HIST 120 Foundations of History	PSYC 200 Cross-Cultural Psychology			
HIST 204 Historical & Phil. Found. of Education	SOCW 101 Foundations of Social Work			
POLS 101 Foundations of Political Science	SOCI 101 Foundations of Sociology			
	SOCI 103 Found. of Cultural Anthr.	3	_____	_____

ADVANCED COMPUTER CORE REQUIREMENTS----- 25 HOURS

COMP 205 Ethics, Faith, and the Conscious Mind (IL)	3	_____	_____
COMP 340 Operating Systems	3	_____	_____
COMP 350 Software Engineering (WI/SI)	3	_____	_____
COMP 422 Theory of Algorithms	3	_____	_____
COMP 424 Parallel and Distributed Computing	3	_____	_____
COMP 448 Computer Security	3	_____	_____
COMP 451 Senior Project I (IL)	3	_____	_____
COMP 452 Senior Project II (WI/SI/IL)	4	_____	_____

NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING---- 0 HOURS

- (1) Natural Science with lab 4 (Met through major)
- (2) Quantitative/Logical Reasoning 3-4 (Met through major)
- (3) Third course in Natural Science, Quantitative or Logical Reasoning 3-4 (Met through major)

COMPUTER SCIENCE ELECTIVES----- 15 HOURS

Choose fifteen hours from the following courses:
 COMP 390 Selected Topics in Computer Science, COMP 401 Principles of iOS Programming, COMP 402 Principles of Android Programming, COMP 435 Intro to Machine Learning, COMP 441 2D Game Design/Development, COMP 442 Web Programming Technologies, COMP 445 Intro to Artificial Intelligence, COMP 446 3D Game Design/Development, COMP 447 Networked Game Design and Development, COMP 475 Advanced Security, DSCI 431 Intro to Big Data , DSCI 450 Applied Modeling and Visualization, or ROBO 302 Mobile Robotics.

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

STUDIES IN SCIENCE, FAITH, & TECHNOLOGY ----- 0 HOURS

College requirements met through major-related coursework

MATH / SCIENCE CORE REQUIREMENTS-----20-23 HOURS

MATH 161 Calculus I	4	_____	_____
MATH 162 Calculus II	4	_____	_____
MATH 213 Discrete Mathematics for Comp. Science	4	_____	_____
MATH 214 Applied Probability and Linear Algebra	4	_____	_____
OR			
MATH 222 Linear Algebra AND	4	_____	_____
STAT 331 Theory of Statistics I	3	_____	_____

GENERAL ELECTIVES-----14-17 HOURS

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

Choose four credits from PHYS 101; PHYS 102; PHYS 121; PHYS 122; CHEM 105; CHEM 111 and 113; CHEM 112 and 114; BIOL 101; or BIOL 102.

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

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	MATH 162 Calculus II.....	4
MATH 161 Calculus I.....	4	HUMA Course	3
Science Elective.....	4	Writing Requirement.....	3
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>	Foundations of Social Science Course.....	<u>3</u>
	15		16

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 Parallel Computing.....	3
MATH 213 Discrete Mathematics for Comp. Science.....	4	COMP 342 Data Communication & Networking.....	3
HUMA Course	3	MATH 214 Applied Probability & Linear Algebra.....	4
General Electives.....	<u>3</u>	HUMA Course	<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 314 Automata Theory.....	3
COMP 422 Theory of Algorithms.....	3	COMP 340 Operating Systems.....	3
Computer Science Elective.....	3	COMP 350 Software Engineering.....	3
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA Course	3	HUMA Course	<u>3</u>
General Electives.....	<u>2</u>		15
	17		

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 448 Computer Security.....	3	COMP 424 Parallel and Distributed Computing.....	3
COMP 451 Senior Project I.....	3	COMP 452 Senior Project II.....	4
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA 300 Gospel and the Good Life: Christian Ethics....	2	General Electives.....	<u>6</u>
General Electives.....	<u>6</u>		16
	17		

*Note: 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.