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.A. in Computer Science
Entering in 2023

(REVISED 03-07-2023)

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--COMP; MATH 118; MATH 213
General Education + Elective Requirements---------------------- 66-68 HOURS	Major Requirements--60-62 HOURS

GENERAL EDUCATION REQUIREMENTS-- 36 HOURS

		Cr.	Sem. Taken	Grade
HUMANITIES CORE-- **15 HOURS**				
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 (IL)	3		

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

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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.

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PHYSICAL EDUCATION--- **1 HOURS**

PHYE 100	Healthful Living	1		

FOREIGN LANGUAGE, INTERMEDIATE LEVEL------------------------------------- **6 HOURS***
Refer to the *Bulletin* for requirement details, exceptions, and the Classical Language policy.
Note: Completion of a modern language through the intermediate (201-202) level fulfills this requirement. Should the elementary (101-102) level be needed in preparation for the 201-202 courses, this requirement will use 6 general elective credits in addition to the six credits for the requirement.

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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, IL)	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		
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MATH REQUIREMENTS---10-12 HOURS
MATH 118 Finite Mathematics or MATH 213 Discrete Mathematics for Computer Science.

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

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MATH 141 Business Calculus or MATH 161 Calculus I

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GENERAL ELECTIVES---------------30-32 HOURS (*36-38 hours if language requirement waived)

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

Freshman Year

Fall	Credits	Spring	Credits
COMP 141 Computer Programming I…………………………	3	COMP 220 Computer Programming II……………………………	3
COMP 155 Introduction to Computer Science……………	3	Foreign Language or General Elective*…................................	3
Foreign Language or 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………………	3	PHYE 100 Healthful Living………………………………………	1
	16	Foundations of Social Science Course…………………………	3
			17

Sophomore Year

Fall	Credits	Spring	Credits
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……………………………………………	4	General Electives………………………………………………	3
	16		16

Junior Year

Fall	Credits	Spring	Credits
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……………………………………………	5	General Electives………………………………………………	4
	17		16

Senior Year

Fall	Credits	Spring	Credits
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………………………………………………	9
General Electives……………………………………………	7		15
	15		

*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.

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.