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 2020

(REVISED 03-01-2020)

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

		Cr.	Sem. Taken	Grade
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	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

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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.

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COMPUTER SCIENCE CORE REQUIREMENTS--- 35 HOURS

		Cr.		
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 233	Parallel Computing	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	_____ _____
_____	3	_____ _____
_____	3	_____ _____

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 201, 214, 331, Management 201, 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 233 Parallel Computing	3
MATH 118 Finite Mathematics	3	General Electives	3
HUMA 200 Western Civilization	3	MATH 141 Business Calculus	4
General Electives	3	HUMA 202 Civilization and Literature	3
General Electives	1		16
	16		

Junior Year

Fall	Credits	Spring	Credits
COMP 325 Computer Architecture & Organization	3	General Electives	3
PSYC 201, MATH 201, or MNGT 201 Stat. Methods	3	COMP 342 Data Comm. & Networking; or COMP 340 OS	3
Computer Science Elective	3	COMP 350 Software Engineering	3
General Electives	3	Computer Science Elective	3
HUMA 301 Civilization and the Arts	3	Computer Science Elective	3
General Electives	2	General Electives	1
	17		16

Senior Year

Fall	Credits	Spring	Credits
General Electives	3	General Electives	3
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	3
General Electives	3	General Electives	3
General Electives	1		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.