

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 Data Science Entering in 2026

(REVISED 03-23-2026)

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

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS
General Education + Elective Requirements----- 53-57 HOURS

Minimum CQPA and MQPA required for graduation-----2.00
MQPA Courses-----See Bulletin
Major Requirements-----71-75 HOURS

GENERAL EDUCATION REQUIREMENTS----- 26 HOURS

DATA SCIENCE REQUIREMENTS----- 9 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	_____	_____

DSCI 201	Intro. to Data Science	3	_____	_____
DSCI 431	Introduction to Big Data	3	_____	_____
DSCI 450	Applied Modeling and Visualization (WI/SI/IL)	3	_____	_____

WRITING REQUIREMENT----- 3 HOURS

WRIT 101	Found. of Academic Discourse (WI/IL)	3	_____	_____
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COMPUTER SCIENCE REQUIREMENTS----- 18 HOURS

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 244	Database Management Systems	3	_____	_____
COMP 435	Intro. to Machine Learning	3	_____	_____

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

Choose one course from the following:		PSYC 101	Foundations of Psychology
ECON 120	Foundations of Economics	PSYC 200	Cross-Cultural Psychology
HIST 120	Foundations of History	SOCW 101	Foundations of Social Work
HIST 204	Historical & Phil. Found. of Education	SOCI 101	Foundations of Sociology
POLS 101	Foundations of Political Science	SOCI 103	Found. of Cultural Anthr.

TECHNICAL ELECTIVE----- 3 HOURS

Choose 3 hours from COMP 230, 445, MNGT 210, or STAT 412.		3	_____	_____
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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)

MATH and STATISTICS REQUIREMENTS----- 22 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	_____	_____
STAT 132	Statistical Methods II	3	_____	_____
Choose one of STAT 131 or PSYC 201		3	_____	_____

* MATH 222 and STAT 331 may substitute for MATH 214.

STUDIES IN SCIENCE, FAITH, & TECHNOLOGY----- 2 HOURS

Choose one course from the following:		2	_____	_____
COMP 205/SSFT 205	Ethics, Faith, and the Conscious Mind			
PHIL 243	Science and the Human: Inquiry, Design, & the Person			
SSFT 212	Science, Faith, Technology, & Origins			

NATURAL SCIENCE REQUIREMENT----- 4 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; BIOL 102.		4	_____	_____
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GENERAL ELECTIVES----- 27-31 HOURS

DOMAIN CONCENTRATION (choose one area): ----- 15-19 HOURS

Behavioral and Social Sciences (complete one set of courses):

Economics: ECON 101, 102, 120, and six hours from 300-400 level ECON courses.

Exercise Science: EXER 101, six hours from 300-400 level EXER courses (excl. 305), and 6 hours of any EXER courses.

Political Science: POLS 104, 201, 204 or 205, and six hours from 300-400 level POLS courses.

Psychology: PSYC 101, six hrs. of 300-400 level PSYC courses, and 6 hrs. of add'l PSYC courses (excl. PSYC 201) or EDUC 102

Social Work: SOCW 101, 264, 342, 382, and three hours from SOCW 300-400 level courses.

Sociology: SOCI 101, 377, 473, and six hours from 300-400 level SOCI courses.

Business (complete one set of courses):

Accounting: ACCT 201, 202, 301, 321, and 407.

Business: ACCT 201, 202, FNCE 202, MNGT 103, and MARK 104.

Entrepreneurship: ACCT 201, ENTR 101, 102, 201, FNCE 202, and two hours from 300-400 level ENTR courses.

Finance: ACCT 201, 202, FNCE 202, 332, 442, and three hours from 300-400 level FNCE courses.

Management: MNGT 103, 457, 475, and 6 hours from 300-400 level MNGT courses.

Marketing: STAT 131, MARK 104, 215, 319, 411, and 415.

Natural Science (complete one set of courses):

Biology: BIOL 101, 102, 233, 234, and three hours from 300-400 level BIOL courses.

Chemistry: CHEM 111 and 113, or 105; 112 and 114, 227, 241, and three hours from 300-400 level CHEM courses.

Physics: PHYS 101, 102, 135, 234, and three hours from 300-400 level PHYS courses.

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

**SUGGESTED FOUR-YEAR PLAN for the
BACHELOR OF SCIENCE IN
DATA 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	General Electives	3
Natural Science with Lab (major requirement).....	4	HUMA Course.....	3
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>	Writing Requirement.....	<u>3</u>
	15		16

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 244 Database Management.....	3	DSCI 201 Introduction to Data Science.....	3
MATH 213 Discrete Mathematics for Comp. Science.....	4	MATH 214 Applied Probability & Linear Algebra.....	4
STAT 131 Statistical Methods I	3	STAT 132 Statistical Methods II.....	3
Concentration Course.....	3	Concentration Course.....	3
COMP 222 Introduction to Data Structures & Algorithms.....	<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 435 Machine Learning.....	3	Foundations of Social Science Course.....	3
Concentration Course.....	3	Concentration Course.....	3
HUMA Course.....	3	HUMA Course.....	3
SSFT course.....	2	Technical Elective.....	3
General Electives.....	<u>6</u>	DSCI 431 Intro to Big Data.....	<u>3</u>
	17		15

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Concentration Course.....	3	General Electives.....	3
HUMA Course.....	3	DSCI 450 Applied Modeling and Visualization.....	3
General Electives.....	<u>11</u>	HUMA 300 Gospel and the Good Life: Christian Ethics.....	2
	17	General Electives.....	<u>8</u>
			16

*Note: Students must work with their advisor during their freshman year to create a plan for their domain concentration.