

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 Applied Science and Engineering w/ Technology Management Concentration Entering 2026 (REVISED 03-18-2026)

(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

Minimum CQPA and MQPA required for graduation-----2.00

General Education + Elective Requirements----- 40 HOURS

MQPA Courses---ENGR; BIOL; CHEM; PHYS; ELEE; MECE; MATH

Major Requirements----- 88 HOURS

GENERAL EDUCATION REQUIREMENTS----- 26 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 Ethic	2	_____	_____

WRITING REQUIREMENT----- 3 HOURS

WRIT 101	Found. of Academic Discourse (W/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
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	_____

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)

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

Choose one course from the following:

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
	2

GENERAL ELECTIVES----- 14 HOURS

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

ENGINEERING SCIENCE CORE----- 54 HOURS

Cr. Sem. Taken Grade

BIOL 101	General Biology	4	_____	_____
CHEM 105	Chemistry for Engineers	4	_____	_____
MATH 161	Calculus I	4	_____	_____
MATH 162	Calculus II	4	_____	_____
STAT 131	Statistical Methods I	3	_____	_____
PHYS 101	General Physics Engineering I	4	_____	_____
PHYS 102	General Physics Engineering II	4	_____	_____
MECE 107	Engineering Graphics	2	_____	_____
MECE 109	Introduction to Solid Modeling	2	_____	_____
MECE 201	Fundamentals of Material Science	3	_____	_____
MECE 211	Mechanics I	3	_____	_____
ENGR 120	Numerical Computing	3	_____	_____
ENGR 156	Introduction to Engineering	2	_____	_____
ENGR 216	Mechatronics I	3	_____	_____
ENGR 304	Design of Experiments	1	_____	_____
ENGR 401	Engineering Design	1	_____	_____
ENGR 402	Engineering Senior Seminar	1	_____	_____
ENGR 451	Capstone Design Laboratory I (W/SI)	3	_____	_____
ENGR 452	Capstone Design Laboratory II (SI)	3	_____	_____

PLAN OF STUDY

Technology Management:----- 34 HOURS

Students are required to take all Management Core courses (16 credit hours) along with at least 18 credit hours from the listed Technology Management electives

Management Core: Cr. Sem. Taken Grade

MNGT 103	Principles of Management	3	_____	_____
MNGT 204	Operations Management	3	_____	_____
MNGT 214	Business, Ethics, and Society (W/IL)	3	_____	_____
ACCT 201	Principles of Accounting I	3	_____	_____
ENTR 303	Law for Entrepreneurs	3	_____	_____
ENTR 304	Intellectual Property Protection	1	_____	_____

Technology Management Electives: Cr. Sem. Taken Grade

ACCT 202	Principles of Accounting II	3	_____	_____
COMM 104	Public Speaking (SI)	3	_____	_____
ENTR 302	Sales in the Startup	3	_____	_____
ENTR 312	Entrepreneurship: Managing a Growing Ent.	3	_____	_____
ENTR 467	Corporate Innovation (SI)	3	_____	_____
FNCE 202	Principles of Finance	3	_____	_____
MARK 104	Principles of Marketing	3	_____	_____
MNGT 210	Data Visualization	3	_____	_____
MNGT 302	Lean Management	3	_____	_____
MNGT 307	Project Teams and Leadership	3	_____	_____
MNGT 311	Negotiation	3	_____	_____
MNGT 424	Supply Chain Management	3	_____	_____
MNGT 561	Prof. Cert. in Project Management	3	_____	_____
STAT 132	Statistical Methods II	3	_____	_____

* Other plans of study must be approved by Interdisciplinary Study Review Committee

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN APPLIED SCIENCE & ENGINEERING W/ TECHNOLOGY MANAGEMENT CONCENTRATION

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
MECE 107 Engineering Graphics.....	2	PHYS 102 General Physics Engineering II.....	4
PHYS 101 General Physics Engineering I.....	4	ENGR 120 Numerical Computing.....	3
MECE 109 Introduction to Solid Modeling	2	ENGR 156 Intro to Engineering.....	2
HUMA 100 The Humanities: Christian Wisdom.....	1	Writing Requirement or HUMA Course.....	3
Writing Requirement or HUMA Course.....	<u>3</u>	General Electives.....	1
	16		17

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 105 Chemistry for Engineers.....	4	MNGT 214 Business, Ethics, and Society.....	3
MECE 201 Fundamentals of Material Science	3	ENGR 216 Mechatronics I.....	3
ACCT 201 Principles of Accounting I.....	3	General Elective.....	3
HUMA Course	3	MNGT 103 Principles of Management.....	3
STAT 131 Statistical Methods I.....	<u>3</u>	HUMA Course	<u>3</u>
	16		15

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
SSFT Course.....	2	General Elective.....	3
MNGT 204 Operations Management.....	3	HUMA Course	3
MECE 211 Mechanics I.....	3	Foundations Social Science Course	3
ENTR 304 Intellectual Property Protection.....	1	Technology Management Elective.....	3
BIOL 101 General Biology I.....	4	ENTR 303 Law for Entrepreneurs.....	<u>3</u>
ENGR 304 Design of Experiments.....	1		15
Technology Management Elective.....	<u>3</u>		
	17		

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ENGR 401 Engineering Design.....	1	ENGR 452 Capstone Design Laboratory II.....	3
ENGR 451 Capstone Design Laboratory I.....	3	ENGR 402 Engineering Senior Seminar.....	1
Technology Management Electives.....	6	Technology Management Electives.....	6
General Elective.....	3	HUMA 300 Gospel and the Good Life: Christian Ethics.....	2
HUMA Course	<u>3</u>	General Elective.....	<u>4</u>
	16		16

Students are expected to use this status sheet in conjunction with the College *Bulletin* and to contact their advisors for a detailed schedule of courses recommended to meet requirements for this major.

TOTAL CREDIT HOURS REQUIRED = 128