

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 2024 (REVISED 04-12-2024)

(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----- 38 HOURS

GENERAL EDUCATION REQUIREMENTS----- 24 HOURS

HUMANITIES CORE----- 15 HOURS

	Cr.	Sem. Taken	Grade
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 (W/IL)	3	_____	_____
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STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)----- 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 210 Science & Religion			
SSFT 212 Science, Faith, Technology, & Origins			

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		

QUANTITATIVE/LOGICAL REASONING----- 0 HOURS

Satisfied by major-related requirements.

NATURAL SCIENCES (with labs)----- 0 HOURS

Satisfied by major-related requirements.

PHYSICAL EDUCATION----- 1 HOURS

PHYE 100 Healthful Living	1	_____	_____
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GENERAL ELECTIVES----- 14 HOURS

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

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

Major Requirements----- 90 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 Capstone Design (W/SL)	3	_____	_____
ENGR 402 Engineering Economy	1	_____	_____
ENGR 451 Capstone Design Laboratory I (SI)	1	_____	_____
ENGR 452 Capstone Design Laboratory II (SI)	3	_____	_____

PLAN OF STUDY

Technology Management:----- 36 HOURS

	Cr.	Sem. Taken	Grade
MNGT 103 Principles of Management	3	_____	_____
MARK 104 Principles of Marketing	3	_____	_____
COMM 104 Public Speaking (SI)	3	_____	_____
STAT 132 Statistical Methods II	3	_____	_____
ACCT 201 Principles of Accounting I	3	_____	_____
ACCT 202 Principles of Accounting II	3	_____	_____
MNGT 204 Operations Management	3	_____	_____
MNGT 210 Data Visualization	3	_____	_____
MNGT 214 Business, Ethics, and Society (W/IL)	3	_____	_____
MNGT 424 Supply Chain Management	3	_____	_____
ENTR 303 Law for Entrepreneurs	3	_____	_____
ENTR 312 Entrepreneurship: Managing a Growing Enterprise	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
BIOL 101 General Biology I.....	4	PHYS 102 General Physics Engineering II.....	4
PHYS 101 General Physics Engineering I.....	4	ENGR 120 Numerical Computing.....	3
CHEM 105 Chemistry for Engineers.....	4	ENGR 156 Intro to Engineering.....	2
PHYE 100 Healthful Living	1	WRIT 101 Foundations of Academic Discourse.....	3
	17		16

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MECE 107 Engineering Graphics.....	2	SSFT Course.....	2
MECE 109 Introduction to Solid Modeling	2	ACCT 202 Principles of Accounting II.....	3
MECE 201 Fundamentals of Material Science	3	MARK 104 Principles of Marketing.....	3
ACCT 201 Principles of Accounting I.....	3	COMM 104 Public Speaking.....	3
HUMA 102 Civ and the Biblical Revelation.....	3	MNGT 103 Principles of Management.....	3
General Elective.....	3	General Elective.....	3
	16		17

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 131 Statistical Methods I.....	3	ENGR 304 Design of Experiments.....	1
ENGR 216 Mechatronics I.....	3	STAT 132 Statistical Methods II.....	3
MECE 211 Mechanics I.....	3	MNGT 210 Data Visualization.....	3
HUMA 200 Western Civilization.....	3	Foundations Social Science Course	3
MNGT 214 Business, Ethics, and Society.....	3	HUMA 202 Civilization and Literature.....	3
	15	ENTR 303 Law for Entrepreneurs.....	3
			16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ENGR 401 Capstone Design Sequence.....	3	ENGR 452 Capstone Design Laboratory II.....	3
ENGR 451 Capstone Design Laboratory I.....	1	ENGR 402 Engineering Economics.....	1
ENTR 312 Entrepreneurship: Managing a Growing Enterprise.....	3	MNGT 424 Supply Chain Management.....	3
MNGT 204 Operations Management.....	3	HUMA 303 Christianity and Civilization.....	3
HUMA 301 Civilization and the Arts.....	3	General Elective.....	5
General Elective.....	3		15
	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