ENGINEERING MANAGEMENT

COLLEGE OF ARTS & SCIENCES

ABOUT THE MAJOR

Engineering Management merges electrical engineering and business, equipping students with technical knowledge, leadership skills, and project management expertise.

Graduates enter the workforce with a strong engineering foundation and market-ready skills, ready for leadership roles in technology-driven industries.

CONTACT US

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admissions.scranton.edu/engineermgmt

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2027

OUTCOMES & OPPORTUNITIES

- Students tackle professional-level projects in engineering management, applying their skills to internship sites and faculty-mentored research.
- Graduates secure positions as operations engineers, systems engineers, hardware engineers, risk engineers, and project managers at leading companies like Raytheon, Adtec, ATEC, Chubb Insurance, and InSource Power.
- Graduates can pursue business or specialized engineering graduate programs at prestigious schools like Drexel, Lehigh, and Thomas Jefferson University, gaining deeper knowledge and career flexibility.



THE UNIVERSITY *of* SCRANTON

ENGINEERING MANAGEMENT

127 Credits

LEARN MORE!

1st Year: FALL

COURSE#	COURSE TITLE	CREDITS
ECO 153	Principles of Microeconomics	3
MATH 109	Pre-Calculus Mathematics or **MATH 114** Calculus I	4
PHIL 120	Introduction to Philosophy	3
ENGR 150	Foundations of Physics and Engineering	3
HUMN ELECT	Humanities Elective	3
First Year Seminar		0
		Total Credits: 16

1st Year: SPRING

COURSE#	COURSE TITLE	CREDITS
ECO 154	Principles of Macroeconomics	3
MATH 114	Calculus I or **MATH 221** Calculus II	4
PHYS 140/140L	Elements of Physics I	4
WRTG 107	Composition	3
T/RS 121	Theology I: Introduction to the Bible	3
First Year Seminar		0
		Total Credits: 17

2nd Year: FALL

COURSE#	COURSE TITLE	CREDITS
E/CE 240	Introduction to Computer Engineering	3
PHYS 141/141L	Elements of Physics II	4
ACC 253	Financial Accounting	3
MATH 221	Calculus II or **MATH 222** Calculus III	4
PHIL 210	Ethics	3
		Total Credits: 17

2nd Year: SPRING

COURSE#	COURSE TITLE	CREDITS
ACC 254	Managerial Accounting	3
EM 243L	Digital System Design Laboratory	1
EE 241/241L	Circuit Analysis	4
MATH 222	Calculus or **MATH 341** Differential Equations	4
T/RS 122	Theology II: Introduction to Christian Theology	3
		Total Credits: 15

3rd Year: FALL

COURSE#	COURSE TITLE	CREDITS
EE 343/343L	Electronic Circuits I	4
STAT 251	Statistics for Business I	3
EM 351	Principles of Management	3
OIM 351	Introduction to Business Analytics	3
PHYS 270	Elements of Modern Physics	3
		Total Credits: 16

3rd Year: SPRING

COURSE#	COURSE TITLE	CREDITS
EE 344/344L	Electronic Circuits II	4
STAT 252	Statistics for Business II	3
FIN 251	Introduction to Finance	3
OIM 352	Introduction to Operations Management	3
EM 462	Project Management in Organizations	3
		Total Credits: 16

4th Year: FALL

COURSE#	COURSE TITLE	CREDITS
MKT 251	Principles of Marketing	3
EE 449/449L	Embedded Systems	3
HUMN ELECT	Humanities Elective	3
FREE ELECT	Free Elective	6
		Total Credits: 15

4th Year: SPRING

COURSE#	COURSE TITLE	CREDITS
EM 455	Business Policy & Strategy	3
PHIL ELECT	Philosophy Elective or **T/RS ELECT** Theology Elective	3
HUMN ELECT	Humanities Electives	6
FREE ELECT	Free Elective	3
		Total Credits: 15

This is a sample curriculum. Please refer to the Undergraduate Catalog at **scranton.edu/catalog**.

09/2026