Technology Management

- Bachelor of Arts (B.A.)
- Program Curriculum

UNI / University of Northern Iowa.

Mathematics/Science coursework — 7 cr.

CHEM 1010 - Principles of Chemistry *or*
CHEM 1020 - Chemical Technology *or*
CHEM 1110 - General Chemistry I *or*
CHEM 1020 - Chemical Technology *or*
PHYSICS 1000 - Physics in Everyday Life *or*
PHYSICS 1511 - General Physics I — 4 cr.
 • *courses also satisfy UNIFI Scientific Reasoning requirement.*
STAT 1772 - Introduction to Statistical Methods — 3 cr.
 • *course also satisfies UNIFI Quantitative Reasoning requirement.*

Management Core — 30 cr.

ENGLISH 3772 - Technical Writing for Eng. Technologists — 3 cr.
PHIL 1560 - Science, Technology & Ethics — 3 cr.
 • *courses also satisfy Responsibility requirement.*
TECH 2119 - Computer Applications in Technology — 3 cr.
TECH 3065 - Technology & Organizational Efficiency — 3 cr.
TECH 3131 - Technical Project Management — 3 cr.
TECH 3142 - Statistical Quality Control — 3 cr.
TECH 3143 - Managing Operations & Manuf. Systems — 3 cr.
TECH 3180 - Lean & Sustainable Operations — 3 cr.
TECH 4187 - Applied Industrial Supervision & Management — 3 cr.
ENGR 4500 - Senior Design — 3 cr.

Technical Electives — 36 cr.

Students in the Technology Management major may select technical coursework to customize their degree.

UNI Foundational Inquiry — 37 cr.

Written Communications	**3 cr.**
Oral Communications	**3 cr.**
Quantitative Reasoning	**3 cr.**
• *requirement completed with STAT 1772.*	
Human Condition (Domestic)	**3 cr.**
Human Condition (Global)	**3 cr.**
Scientific Reasoning	**4 cr.**
• *requirement completed with CHEM or PHYSICS.*	
Human Expression	**3 cr.**
Responsibility	**3 cr.**
• *requirement completed with PHIL 1560.*	
UNIFI Elective	**3 cr.**
UNIFI Elective	**3 cr.**
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UNIFI Elective	**3 cr.**

Inspired by the University of Northern Iowa mission to engage students in high-quality and high-impact learning experiences within a challenging and supportive environment, UNI's new general education requirements are designed to ensure that students' foundational learning experiences lead to a lifetime full of potential. For more information, visit **unifi.uni.edu**.

Credit Totals

Math/Science coursework	7 cr.
Management core	30 cr.
Technical electives	36 cr.
UNI Foundational Inquiry (UNIFI)	37 cr.
Credits counted twice (major & UNIFI)	-10 cr.
Total	**100 cr.**
University Electives needed	20 cr.
Grand Total	**120 cr.**

Important ALEKS Test Information
The ALEKS test is a math placement test that all UNI students must complete prior to enrolling in certain math & science courses. Below are the scores required for the math & science requirements in this program:
• PHYSICS 1511: 45   • STAT 1772: 50

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Example course sequence for *first-year, freshmen* students

Fall 1

UNIFI Written Communication course	3 cr.
UNIFI elective course	3 cr.
CHEM 1020 - Chemical Technology	4 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 16 cr.

Spring 1

UNIFI Oral Communication course	3 cr.
STAT 1772 - Introduction to Statistical Methods	3 cr.
Technical elective course	3 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 15 cr.

Fall 2

UNIFI Human Condition (Domestic) course	3 cr.
PHIL 1560 - Science, Technology & Ethics	3 cr.
Technical elective course	3 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 15 cr.

Spring 2

UNIFI Human Expression course	3 cr.
TECH 2119 - Computer Applications in Technology	3 cr.
Technical elective course	3 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 15 cr.

Fall 3

UNIFI Human Condition (Global) course	3 cr.
ENGLISH 3772 - Technical Writing for Engineering Technologists	3 cr.
TECH 3142 - Statistical Quality Control^	3 cr.
Technical elective course	3 cr.
Technical elective course	3 cr.
	Total: 15 cr.

Spring 3

UNIFI elective course	3 cr.
TECH 3065 - Technology & Organizational Efficiency[SO]	3 cr.
TECH 3131 - Technical Project Management	3 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 15 cr.

Fall 4

UNIFI elective course	3 cr.
TECH 3143 - Manging Operations & Manufacturing Systems^	3 cr.
TECH 4187 - Applied Industrial Supervision & Management	3 cr.
Technical elective course	3 cr.
University elective course	3 cr.
	Total: 15 cr.

Spring 4

UNIFI elective course	3 cr.
TECH 3180 - Lean & Sustainable Operations^[SO]	3 cr.
ENGR 4500 - Senior Design	3 cr.
Technical elective course	3 cr.
University elective course	2 cr.
	Total: 14 cr.

Legend
^ - course requires a prerequisite.
* - course requires a co-requisite.
[FO] - course is only offered in the fall.
[SO] - course is only offered in the spring.

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- PHYSICS 1511: 45
- STAT 1772: 50