# Technology Management, B.S.

The Bachelor of Science in Technology Management curriculum is designed to prepare individuals with science, business and technical skills required for the management of people and systems in technology-based industries, government agencies, and non-profit organizations. Includes instruction in computer applications, general management principles, production and operations management, project management, quality control, safety and health issues, and statistics.

#### **Program Requirements**

Code	Title	Credit Hours
Total Credit Hours		120
General Education Requirements		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC	
ENGL 2010	Intermediate Academic Writing CC	3
STAT 1040	Introduction to Statistics QL	3
or STAT 1045	Introduction to Statistics with Algebra QL	
Complete one of the follow	ing:	3
HIST 2700	US History to 1877 AS	
& HIST 2710	and US History since 1877 AS (6)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage AS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE	2
or EXSC 1097	Fitness for Life TE	
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physic	Additional Biology or Physical Science (TECH 1010 recommended)	
Humanities		3
Fine Arts		3
Social/Behavioral Science	(TECH 200G recommended)	3
Discipline Core Requirements		34 Credits
IM 2010	Business Computer Proficiency	3
TECH 2010	Supervision in Technology	3
TECH 3000	Introduction to Technology Management	3
TECH 3010	Creative Problem Solving	3
TECH 301R	Technology Lecture Series	1
TECH 3400	Project Management WE	3
TECH 3850	Quality Management in Technology	3
TECH 405G	Global Ethical and Professional Issues in Technology Gl	3
TECH 4420	Organization Information Technologies	3
TECH 4910	Senior Capstone Project WE	3
ACC 3000	Financial Managerial and Cost Accounting Concepts	3
HR 3430	Introduction to Human Resource Management	3
Discipline Elective Requi	12 Credits	
Complete 12 credits from the	12	

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TECH 3700	Materials Management (3)	
TECH 4000	Reliability Management (3)	
TECH 4200	Technology Marketing and Customer Relationship Management (3)	
TECH 4400	Advanced Project Management (3)	
TECH 481R	Internship (1-3) (Up to 3 credits may be selected)	
TECH 489R	Undergraduate Research in Technology Management (1-3)	
TECH 490R	Current Topics in Technology Management (3)	
TECH 497R	Independent Study (1-3) (Up to 4 credits may be selected)	
ENTR 3170	Entrepreneurship - Feasibility Analysis (3)	
LEGL 3000	Business Law (3)	
MGMT 3470	Lean Management Systems (3)	
ENGL 3300	Collaborative Communication for Technology Professions (3)	
Electives		9
		Credits
Complete 9 credits from any course numbered 1000 or higher		9
Recommended courses: ENG	GR 1000; CS 1030; DGM 1110	
Approved or Articulated Technical Credits		30
	,	Credits
complete 30 credits of approv	30	

This requirement may be satisfied by credit for prior learning (CPL), prior learning assessment (PLA) or Articulation Agreements. Up to thirty credits may be satisfied.

### **Graduation Requirements**

- 1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper division.
- 2. Overall grade point average of 2.0 (C) or above.
- 3. No grade lower than a C- in any TECH course.
- 4. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- 5. Completion of general education (GE) and specified departmental requirements.
- 6. Successful completion of at least one Global/Intercultural course.
- 7. Successful completion of at least two Writing Enriched (WE) courses.

#### **Graduation Plan**

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/ or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (http://www.uvu.edu/wolverinetrack/).

	Credit Hours	15
Social/Behavioral Science Distribution (Re	3	
Approved or articulated technical credits		3
Elective (Recommended CS 1030)		3
Humanities Distribution		3
ENGL 2010	Intermediate Academic Writing CC	3
Semester 2		
	Credit Hours	15
Additional Biology or Physical Science Dis	stribution (Recommended TECH 1010)	3
Approved or articulated technical credits	3	
Elective (Recommended DGM 1110)	3	
or STAT 1045	or Introduction to Statistics with Algebra QL	
STAT 1040	Introduction to Statistics QL	3
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
Semester 1		Credit Hours
First Year		

or PHIL 2005	Second Year			
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Technical Credits	Elective (Recommended ENGR 1000)		3	
Credit Hours	Approved or articulated technical credits		3	
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American Institutions				
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	Approved or articulated technical credits		3	
Total Credit Hours 120		Credit Hours	15	
		Total Credit Hours	120	

## **Program Learning Outcomes**

- 1. Manage and develop technical cross-functional teams.
- 2. Manage and develop complex systems and processes.
- 3. Assess current and emerging technologies to problem solve and support innovation.
- 4. Analyze business concepts and data to effect change.
- 5. Communicate with a wide range of internal stakeholders and various outside communities.