

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 or ENGL 1005 | Introduction to Academic Writing CC Literacies and Composition Across Contexts CC | 3 |
| ENGL 2010 | Intermediate Academic Writing CC | 3 |
| STAT 1040 or STAT 1045 | Introduction to Statistics QL Introduction to Statistics with Algebra QL | 3 |
| Complete one of the following: | | 3 |
| HIST 2700 & HIST 2710 | US History to 1877 AS 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 or EXSC 1097 | Personal Health and Wellness TE Fitness for Life TE | 2 |
| Distribution Courses: | | |
| Biology | | 3 |
| Physical Science | | 3 |
| Additional Biology or Physical Science (TECH 1010 recommended) | | 3 |
| 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 GI | 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 Requirements | | 12 Credits |
| Complete 12 credits from the following upper division courses: | | 12 |

| | | |
|---|---|----------------|
| 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: ENGR 1000; CS 1030; DGM 1110 | | |
| Approved or Articulated Technical Credits | | 30 |
| | | Credits |
| complete 30 credits of approved or articulated technical credits ¹ | | 30 |

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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/>).

First Year

| Semester 1 | | Credit Hours |
|---|---|--------------|
| ENGL 1010 or ENGH 1005 | Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC | 3 |
| STAT 1040 or STAT 1045 | Introduction to Statistics QL or Introduction to Statistics with Algebra QL | 3 |
| Elective (Recommended DGM 1110) | | 3 |
| Approved or articulated technical credits | | 3 |
| Additional Biology or Physical Science Distribution (Recommended TECH 1010) | | 3 |
| Credit Hours | | 15 |
| Semester 2 | | Credit Hours |
| ENGL 2010 | Intermediate Academic Writing CC | 3 |
| Humanities Distribution | | 3 |
| Elective (Recommended CS 1030) | | 3 |
| Approved or articulated technical credits | | 3 |
| Social/Behavioral Science Distribution (Recommended TECH 200G) | | 3 |
| Credit Hours | | 15 |

Second Year**Semester 3**

| | | |
|---|--|-----------|
| PHIL 2050 or PHIL 205G | Ethics and Values IH or Ethics and Values IH GI | 3 |
| TECH 2010 | Supervision in Technology | 3 |
| Elective (Recommended ENGR 1000) | | 3 |
| Approved or articulated technical credits | | 3 |
| Technical Credits | | 3 |
| Credit Hours | | 15 |

Semester 4

| | | |
|---|-------------------------------|-----------|
| IM 2010 | Business Computer Proficiency | 3 |
| American Institutions | | 3 |
| Physical Science Distribution | | 3 |
| Discipline Elective Requirement | | 3 |
| Approved or articulated technical credits | | 3 |
| Credit Hours | | 15 |

Third Year**Semester 5**

| | | |
|---|---|-----------|
| TECH 3000 | Introduction to Technology Management | 3 |
| TECH 301R | Technology Lecture Series | 1 |
| Biology Distribution | | 3 |
| HLTH 1100 or EXSC 1097 | Personal Health and Wellness TE or Fitness for Life TE | 2 |
| Approved or articulated technical credits | | 3 |
| Discipline Elective Requirement | | 3 |
| Credit Hours | | 15 |

Semester 6

| | | |
|---|---|-----------|
| TECH 3010 | Creative Problem Solving | 3 |
| TECH 3400 | Project Management WE | 3 |
| TECH 405G | Global Ethical and Professional Issues in Technology GI | 3 |
| Approved or articulated technical credits | | 3 |
| ACC 3000 | Financial Managerial and Cost Accounting Concepts | 3 |
| Credit Hours | | 15 |

Fourth Year**Semester 7**

| | | |
|---|---|-----------|
| TECH 3850 | Quality Management in Technology | 3 |
| TECH 4420 | Organization Information Technologies | 3 |
| HR 3430 | Introduction to Human Resource Management | 3 |
| Fine Arts Distribution | | 3 |
| Approved or articulated technical credits | | 3 |
| Credit Hours | | 15 |

Semester 8

| | | |
|---|----------------------------|------------|
| TECH 4910 | Senior Capstone Project WE | 3 |
| Discipline Elective Requirement | | 3 |
| Discipline Elective Requirement | | 3 |
| Approved or articulated technical credits | | 3 |
| Approved or articulated technical credits | | 3 |
| 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.