Six Sigma Green Belt, Certificate of Proficiency

Visit the Technology Management and Mechatronics Department page (https://www.uvu.edu/tm/) for more information on the program and access to advising.

Program Description

The Six Sigma Green Belt Certificate at UVU demonstrates knowledge in quality improvement and elimination of waste or defects in production processes. It can be utilized in every aspect of business such as production, human resources, information technology, and customer service. This certificate is built into the curriculum of the Bachelor of Science in Technology Management program. Students who complete this credential have high-demand, industry-recognized skill sets.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		**27**
Discipline Core Requirements		**27 Credits**
TECH 3000	Introduction to Technology Management	3
TECH 3010	Creative Problem Solving	3
TECH 3400	Project Management	3
TECH 3700	Materials Management	3
or MGMT 3470	Lean Management Systems	
TECH 3850	Quality Management in Technology	3
or MGMT 3070	Total Quality Management	
TECH 4000	Reliability Management	3
TECH 4400	Advanced Project Management	3
or MGMT 3450	Operations Management	
TECH 4910	Senior Capstone Project	3
Complete one of the following for 3 credits:		3
ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
STAT 1040	Introduction to Statistics (3)	
STAT 1045	Introduction to Statistics with Algebra (5)	
STAT 2040	Principles of Statistics (4)	
STAT 3040	Probability and Statistics for Engineering and the Sciences (3)	
MGMT 2240	Business Quantitative Analysis (3)	
MGMT 2340	Business Statistics I (3)	

Graduation Requirements

1. Completion of a minimum of 27 credits.
2. Overall grade point average of 3.0 (B) or above. Students must complete each course with a grade "B" or higher.
3. Residency hours -- minimum of 7 credit hours through course attendance at UVU.

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
TECH 3000	Introduction to Technology Management	3
TECH 3010	Creative Problem Solving	3
Complete one of following:		3
ACC 3000	Financial Managerial and Cost Accounting Concepts	
STAT 1040	Introduction to Statistics	

Course	Title	Credit Hours
STAT 2040	Principles of Statistics	
STAT 3040	Probability and Statistics for Engineering and the Sciences	
MGMT 2240	Business Quantitative Analysis	
MGMT 2340	Business Statistics I	
MGMT 3470 or TECH 3700	Lean Management Systems or Materials Management	3
	Credit Hours	**12**
Semester 2		
TECH 3400	Project Management	3
TECH 3850 or MGMT 3070	Quality Management in Technology or Total Quality Management	3
TECH 4000	Reliability Management	3
TECH 4400 or MGMT 3450	Advanced Project Management or Operations Management	3
TECH 4910	Senior Capstone Project	3
	Credit Hours	**15**
	Total Credit Hours	**27**

https://www.uvu.edu/otl/docs/fully_online_plans/six_sigma_green_belt_certificate_of_proficiency_online_plan.pdf

An online graduation plan offers students a flexible yet structured approach to their academic journey. While this sample serves as a general guideline, individual plans may differ based on Math and English placement scores. Meeting with an academic advisor is strongly recommended to customize plans and ensure all graduation requirements are met.

Courses marked with an asterisk (*) are Certified Online Courses, meeting UVU's high standards for quality and accessibility.

Course	Title	Credit Hours
First Year		
Semester 1		
TECH 3000	Introduction to Technology Management	3
TECH 3010	Creative Problem Solving	3
Complete one of the following:		3
ACC 3000	Financial Managerial and Cost Accounting Concepts	
STAT 1040	Introduction to Statistics	
STAT 2040	Principles of Statistics	
STAT 3040	Probability and Statistics for Engineering and the Sciences	
MGMT 2240	Business Quantitative Analysis	
MGMT 2340	Business Statistics I	
MGMT 3470 or TECH 3700	Lean Management Systems or Materials Management	3
	Credit Hours	**12**
Semester 2		
TECH 3400	Project Management	3
TECH 3850 or MGMT 3070	Quality Management in Technology or Total Quality Management	3
TECH 4000	Reliability Management	3
TECH 4400 or MGMT 3450	Advanced Project Management or Operations Management	3
TECH 4910	Senior Capstone Project	3
	Credit Hours	**15**
	Total Credit Hours	**27**

Program Learning Outcomes

1. Graduates will have the ability to apply Six Sigma project management principles.
2. Graduates will have the ability to apply data-driven process improvements.

Inspectors, testers, sorters, samplers, and weighers

- Total Positions595,500
- Field Growth-3.0%
- Median Salary$45,850
- Average Openings65.2