

# Six Sigma Green Belt, Certificate of Proficiency

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

## 2 Six Sigma Green Belt, Certificate of Proficiency

MGMT 3470 or TECH 3700	Lean Management Systems or Materials Management	3
<b>Credit Hours</b>		<b>12</b>
<b>Semester 2</b>		
TECH 3400	Project Management WE	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 WE	3
<b>Credit Hours</b>		<b>15</b>
<b>Total Credit Hours</b>		<b>27</b>

[https://www.uvu.edu/otl/docs/fully\\_online\\_plans/six\\_sigma\\_green\\_belt\\_certificate\\_of\\_proficiency\\_online\\_plan.pdf](https://www.uvu.edu/otl/docs/fully_online_plans/six_sigma_green_belt_certificate_of_proficiency_online_plan.pdf)

### 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.