# 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 |
|------|-------|--------------|
| **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 WE | 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 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 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 | |

| MGMT 3470 | Lean Management Systems | 3 |
|---|---|---|
| or TECH 3700 | or Materials Management | |
| | **Credit Hours** | **12** |
| **Semester 2** | | |
| TECH 3400 | Project Management WE | 3 |
| TECH 3850 | Quality Management in Technology | 3 |
| or MGMT 3070 | or Total Quality Management | |
| TECH 4000 | Reliability Management | 3 |
| TECH 4400 | Advanced Project Management | 3 |
| or MGMT 3450 | or Operations Management | |
| TECH 4910 | Senior Capstone Project WE | 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

## 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.