2014-15 Boise State Bachelor of Science in Mechanical Engineering – 4 Year Plan

Year 1
- CHEM 111 General Chemistry I
- PHYS 211 Physics I with Calculus
- MATH 170 Calculus I
- ENGR 120 Introduction to Engineering
- ENGL 101 Introduction to College Writing
- UF 100 Intellectual Foundations

Year 2
- CHEM 111L General Chemistry Lab I
- MATH 176 Multivariable and Vector Calculus
- MATH 175 Calculus II
- ENGR 120 Introduction to Engineering
- CS 117 C ++ for Engineers
- ENGL 102 Intro to College Writing and Research

Year 3
- CHEM 111L General Chemistry Lab I
- PHYS 212L Physics II with Calculus Lab
- MATH 275 Engineering Dynamics
- ENGR 240 Introduction to Materials Science
- ENGR 245 Introduction to Materials Science Lab
- ENGR 245L Introduction to Materials Science Lab

Year 4
- CHEM 111L General Chemistry Lab I
- MATH 275 Multivariable and Vector Calculus
- MATH 175 Calculus II
- ENGR 240 Introduction to Materials Science
- ENGR 245 Introduction to Materials Science Lab
- ENGR 245L Introduction to Materials Science Lab

Total Credits: 122
Boise State Bachelor of Science in Mechanical Engineering – ME Major Admission Process

**ME CORE Courses:**
- CHEM 111 (3)
- ENGR 210 (3)
- ENGR 220 (3)
- MATH 170 (4)
- MATH 175 (4)
- ME 105 (3)
- ME 302 (3)
- PHYS 211 (4)

Total Credits = 27

### Pre-ME Major

**Boise State Students**
- > 20 of 27 CORE Credits at Boise State*

**Transfer Students**
- < 20 of 27 CORE Credits at Boise State*

* Boise State or affiliated institution
** Comprehensive Application
  - Essay
  - Resume
  - Transcript

**Reduced Application Process**

Boise State Express Admission: > 2.8 GPA and 0-1 repeats in CORE Courses

Transfer Express Admission: > 3.0 GPA and 0-1 repeats in CORE Courses

**Full Application Process**

Selective Admission: Based on Comprehensive Application**

*Note: This process is competitive and there is no Guarantee of Admission*