# B.S. Craft Brewing: Example 4-Year Plan

## Fall
- MATH 153 Pre-Calculus Math 1 5
- CHEM 111 General Chemistry 4
- CHEM 111LAB General Chemistry Lab 1
  - Basic/Breadth course 3-5
  - **TOTAL CREDITS** 13-15

## Winter
- ENG 101 Composition I 4
- CHEM 112 Organic Chemistry 4
- CHEM 112LAB Organic Chemistry Lab 1
  - Basic/Breadth course 4-5
  - **TOTAL CREDITS** 13-15

## Spring
- ENG 102 Composition II 4
- CHEM 113 Biochemistry 4
- CHEM 113LAB Biochemistry Lab 1
  - Basic/Breadth course 5
  - **TOTAL CREDITS** 14

## Summer
- ADMG 201 Introduction to Business 3
- PHYS 111 Introductory Physics 4
- PHYS 111LAB Introductory Physics Lab I 1
  - Basic/Breadth course 4-6
  - **TOTAL CREDITS** 13-15

## Fall
- ECON 201 Principles of Economics-Micro 5
- PHYS 111 General Physics 3
- PHYS 111LAB General Physics Lab 5
  - Basic/Breadth course 0-2
  - **TOTAL CREDITS** 13-15

## Winter
- CRBW 317 Brewing Processes & Biochem 4
- Elective to reach 180 credits 5
  - Basic/Breadth course 3-5
  - **TOTAL CREDITS** 13-15

## Spring
- CRBW 495 or CRBW 490 Research or Cooperative Learning 5
- Elective to reach 180 Credits 10
  - **TOTAL CREDITS** 15

## Summer
- ITAM 320 Merchandising and management 5
- CRBW 350 Sensory Analysis for Brewing 5
  - Basic/Breadth course 3-5
  - **TOTAL CREDITS** 13-15

## Fall
- CRBW 498 Brewing Special Topics 3
- CRBW 499 Brewing Seminar 2
- Electives to reach 180 Credits 13
  - **TOTAL CREDITS** 15

## Winter
- CRBW 499 Brewing Seminar 2
- Electives to reach 180 Credits 13
- Basic/Breadth course 10
  - **TOTAL CREDITS** 15

*Pre-req either MATH 100C with a grade of C or higher; or a score of 18 or higher on the Intermediate Math Placement Test, or a score of 66 or higher on the Compass Algebra test*  
*In lieu of MATH 153 you could take a higher math course MATH 154, MATH 170, or MATH 172. It is recommended you take the highest level of math you qualify for.*  
*must be 21 to take this course and be admitted to the brewing program*  
**must be admitted to brewing program**  
***It is recommended that students pursue a minor in Biology, Chemistry, Business, or IED or take courses in consultation with your advisor relevant to your career goals.**  
**Basic Skills Course Requirements: 21-23 credits by the end of the quarter in which 75 credits earned are reached.**  
**Breadth Course Requirements: 39-45 Credits.**