



Craft Brewing Major Requirements Checklist

Student Name:

CWU ID:

Student Email:

Advisor:

Advisor Office and Office hours:

Advisor Email:

Advisor Office Phone:

Foundational Courses (33 Credits)		Credits	Grade
Choose <u>ONE</u> of the following Math courses: 5 Credits			
MATH 153 – Pre-calculus Mathematics I	5		
MATH 154 – Pre calculus Mathematics II			
MATH 170 – Intuitive Calculus			
MATH 172 – Calculus I			
Chemistry			
CHEM 111 – Introduction to Chemistry (Gen Ed)	4		
CHEM 111LAB – Introductory Chemistry Laboratory (Gen Ed)	1		
CHEM 112 – Introduction to Organic Chemistry	4		
CHEM 112LAB – Introduction Organic Chemistry Lab	1		
CHEM 113 – Introduction to Biochemistry (Gen Ed)	4		
CHEM 113LAB – Introduction Biochemistry Lab (Gen Ed)	1		
Business & Safety			
SHM 325 – General Industry Safety and Health (Spring Qtr. Only)	3		
Choose <u>TWO</u> of the following:			
ACCT 301 – Accounting skills for non-accounting majors (Gen Ed)	10		
BUS 241 – Legal environment of business (Gen Ed)			
MGT 200 – Essential skills for business professional (Gen Ed)			
MGT 380 – Organizational management (Gen Ed)			
ECON 201 – Principles of Economics Micro (Gen Ed)			
Advanced Craft Brewing Core Courses (47 Credits)		Credits	Grade
Required Core Courses			
CRBW 312 – Brewing Microbiology	4		
CRBW 317 – Brewing Processes and Biochemistry	4		
CRBW 325 – Topics in Strategy for the Craft Brewing Industry	4		
OR WINE 304 – Wine Marketing and Branding			
CRBW 360 – Brewing Process Technology	3		
CRBW 420 – Hop Science	3		
CRBW 450 – Sensory Analysis for Brewing	5		
CRBW 487 – Capstone (Gen Ed)	2		
Required Industry Experience			
CRBW 490 – Cooperative Education (1-12 credits; 5 credits minimum)	10		
CRBW 493 – Practicum (1-6, up to 12 credits, by instructor approval)			
Craft Brewing Electives			
CRBW 470 – Current Topics in Brewing (1-6, up to 12 credits)	12		
CRBW 493 – Practicum (1-6, to 12 credits; no Experience overlap)			
CRBW 495 – Brewing Research Methods (1-6, up to 12 credits)			
CRBW 496 – Individual Study (Training for Industry Certification)			
CRBW 498 – Special Topics			
CRBW 499 – Seminar			
Total		80	

CWU Craft Brewing Program

400 East University Way • Ellensburg WA 98926 • Office: 509-963-1386

Fax: 509-963-1690 • Web: www.cwu.edu/sciences/craft-brewing

EEO/AA/TITLE IX INSTITUTION • FOR ACCOMMODATION E-MAIL: CDS@CWU.EDU

Additional Information

Students are highly encouraged to also obtain a minor or degree in Biology, Chemistry, Administrative Management, Industrial Technology or Safety & Health Management.

Students must complete at least five credits of CRBW 490, Cooperative Education.

Special Requirements

Students will be expected to spend significant time outside the classroom working on assignments and projects. Some sessions may meet on Saturdays.

Students must be 18 years of age to apply for the major. It should be understood that all classroom courses involving tasting will require students to taste and spit (Washington State legislation RCW 66.20.010 (12) a-f). Student must be at least 21 years old before enrolling in the following courses: CRBW 450, Sensory Analysis for Brewing; CRBW 490, Cooperative Education.

Course Substitutions

The requirement for CHEM 111, 111LAB, 112, 112LAB, and 113, 113LAB, Introduction to Chemistry and Laboratory, may be met by satisfactorily completing CHEM 181, 181LAB, 182, 182LAB, and 183, 183LAB, General Chemistry and Laboratory, and BIOL 182, General Biology II, or BIOL 220, Introductory Cell Biology, or CHEM 361, 361LAB, Organic Chemistry I and Laboratory, and CHEM 431, 431LAB, Biochemistry I and Laboratory.

Recommended Upper Division Electives

WINE 301 - Distribution Management - offered Online Winter quarter 4 cr
WINE 304 - Wine Marketing and Branding - offered Fall quarter 4 cr
WINE 403 - Advanced Topics in Wine Marketing and Branding - Winter quarter 5 cr
WINE 404 - Wine Law and Legal Compliance - Winter quarter 4 cr

Notes:

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