



**METROPOLITAN STATE UNIVERSITY<sup>SM</sup>**  
OF DENVER

College of Professional Studies

Brewery Operations, B.S.

Minor (not required)

Fall 2018 catalog year

First Year		
Fall: 14 Credits	Written Communication (3)	
	BIO 1080 (3) General Biology I <b>AND</b>	
	BIO 1090 (1) General Biology Laboratory I	
	MTH 1210 (4) Introduction to Statistics	
	Oral Communication (3)	
Spring: 16 Credits	Written Communication (3)	
	BIO 1081 (3) General Biology II <b>AND</b>	
	BIO 1091 (1) General Biology Laboratory II	
	Historical (3) GD or MC recommended	
	Elective (3)	
Elective (3)		

Third Year		
Fall: 17 Credits	BVG 2350 (3) Brewery Mechanics	
	CHE 2100 (4) Intro to Organic and Biological Chemistry <b>AND</b>	
	CHE 2150 (1) Intro to Organic and Biological Chemistry Laboratory	
	GEG 1910 (3) Global Water Concerns	
	Electives (3)	
Beverage Optional (3) See Catalog		
Spring: 15 Credits	BVG 3010 (3) Beers of the World	
	BVG 3350 (3) Brewery Operations	
	BVG 3750 (3) Alcohol Beverage Law	
	MGT 3000 (3) Organizational Management	
	Beverage Optional (3) Must be Upper Division See Catalog	

Second Year		
Fall: 14 Credits	ACC 1010 (3) Fundamentals of Accounting	
	CHE 1100 (4) Principles of Chemistry <b>AND</b>	
	CHE 1150 (1) Principles of Chemistry Laboratory	
	Arts & Humanities (3) GD or MC recommended	
Social and Behavioral Science I (3) (ECO 2010 Principles of Macroeconomics highly recommended)		
Spring: 14 Credits	BIO 2400 (5) General Microbiology	
	PHI 3360 (3) Business Ethics	
	Social and Behavioral Science II (3) (ECO 2020 Principles of Macroeconomics highly recommended)	

Fourth Year		
Fall: 15 Credits	BVG 3810 (3) Sensory Quality Analysis of Beer	
	BVG 4350 (3) Brewing Science	
	MGT 4050 (3) Purchasing and Supply Chain Management <b>OR</b>	
	RST 3600 (3) Cost Controls for Food & Beverage	
	Electives (3)	
Electives (3)		
Spring: 15 Credits	BVG 4000 (3) Applied Brewing Operations	
	BVG 4010 (3) Beer Styles and Service	
	BVG 4220 (3) Brewing Fermentation	

Elective (3)	

BVG 4810 (3) Brewing Quality Analysis	
Elective (3) Must be Upper Division	