

FERMENTATION CHEMISTRY MAJOR - B.A.

Business Administration Minor

First Year

<u>Fall</u>		Credits	<u>Spring</u>		Credits
CHEM 121	Gen. Chem. I/Lab	4	CHEM 122	General Chemistry II/Lab	4
CHEM 192	Freshman Chem. Seminar	0	CORE 104	Spring Comm. Enrich.	0
CORE 103	Fall Comm. Enrich.	0	CORE I	Building a Foundation	3
FERM 107	Fermentation Chemistry/Lab	3	FTAE 105	Francis & Glob. Iss.	3
LIT	Literature	3	MATH 122	Calculus II	3
MATH 121	Calculus I	3	PHYS 121	General Physics I/Lab	4
WRIT 102	Research Writing	3			17
		<u>16</u>			

Second Year

<u>Fall</u>			<u>Spring</u>		
ACCT 101	Financial Accounting	3	ACCT 102	Managerial Accounting	3
BIOL 111	Molec, Cells, Anim./Lab	4	CHEM 222	Organic Chemistry II/Lab	4
CHEM 221	Organic Chemistry I/Lab	4	CHEM 251	Quantitative Analysis/Lab	3
HIST 240	History of Fermentation	3	CHEM 292	Sophomore Chem. Seminar	0
PHYS 122	General Physics II/Lab	4	FERM 301	Intro. Food Fermentation/Lab	3
		<u>17</u>	PHIL	Philosophy	3
					16

Third Year

<u>Fall</u>			<u>Spring</u>		
BCHM 405	Biochemistry I/Lab	4	BCHM 302	Physical Inorg. Chem/Lab	4
FERM 401	Adv. Food Fermentation/Lab	4	BIOL 302	General Microbiology/Lab	4
MKTG 101	Marketing	3	CHEM 392	Junior Chem. Seminar	0
MATH 215	Intro to Statistics	3	CORE II	Civic Responsibility	3
Soc Sci	Social Science	3	FNAR	Fine Arts	3
		<u>17</u>	MGMT 101	Principles of Management	3
					17

Fourth Year

<u>Fall</u>			<u>Spring</u>		
FERM 398/399	Internship	3	CHEM 457	Chem. & Society	3
FERM XXX	Fermentation Elective	3	Ethics	Ethics	3
LANG	Language & Culture	3	FERM 410	Design & Opera. of Facilities	3
MGMT 201	Human Res. Management	3	FERM XXX	Fermentation Elec	3
XXX	Elective*	3	MIS 102	Management Inform. Sys	3
		<u>15</u>			15

Fermentation electives: 6 or more credits must be taken from the following:

FERM 295	Sel. Intro. Topics in Ferm.	3	FERM 302	Introduction to Brewing	3
FERM 303	Introduction to Enology	3	FERM 402	Advanced Brewing	3
FERM 403	Advanced Enology	3	FERM 495	Sel. Topics in Fermentation	3
FERM 420	Biofuels	3			

Note: Sequence of courses may be altered with advisor's approval.

*if required. A minimum of 128 credits are required for graduation.

Fall 2025