UHC Curriculum Guide
for Bachelor of Science in
Food Science -
Food Science Track (2022 - 2023)
A Ministry of the Marianites of Holy Cross

Course	Description	Hrs	Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.
General Education Core Curriculum					**Major Area Courses**				
BIO 101/101L	General Biology (lecture and lab)	4			CHE 141/141L	General College Chemistry I (lecture and lab)	4		
ECO	Economics Elective	3			CHE 142/142L	General College Chemistry II (lecture and lab)	4		
ENG 101	English Composition I	3			CHE 201/201L	Organic Chemistry I (lecture and lab)	4		
ENG 102	English Composition II	3			BIO/CHE 360/360L	Biochemistry (lecture and lab)	4		
HIS	History Elective	3			FSI 101	Fundamentals of Food Science	3		
MAT 105	College Algebra	3			FSI 270	Human Nutrition	3		
PHI 207	Intro to Logic & Critical Thinking	3			FSI 295	Certification of Standing in Food Science	0		
SPE 101	Fundamentals of Public Speaking	3			FSI 310	Food Laws, Standards & Regulations	2		
THE	Theology Elective	3			FSI 330	Food Safety & Hazard Analysis Critical Control Point Systems	3		
Additional General Education Requirements					FSI 350/350L	Food Microbiology (lecture and lab)	4		
ART/FNA/MUS	Fine Arts Elective	3			FSI 370/370L	Food Processing & Preservation (lecture and lab)	4		
BIO 370/370L	Microbiology (lecture and lab)	4			FSI 405/405L	Food Engineering & Manufacturing (lecture and lab)	4		
ENG	Literature Elective	3			FSI 409	Senior Seminar I	1		
HIS	History Elective	3			FSI 410	Senior Seminar II	1		
MAT 160	Introductory Statistics	3			FSI 417/417L	Food Chemistry (lecture and lab)	4		
PHI	Philosophy Elective	3			FSI 425/425L	Food Compositional Analysis & Quality Assurance (lecture and lab)	4		
THE	Theology Elective	3			FSI 457/457L	Product Development (lecture and lab)	4		
	Psychology or Sociology Elective	3			FSI 495	Graduation Certification	0		
					PHY 151/151L	General Physics I (lecture and lab)	4		
					FSI	Food Science Electives	4		
					Other Required Courses				
					BUS 252	Principles of Marketing	3		
					MAT 240	Applied Calculus	3		

Total General Education Core   **53**   **Total Curriculum**   **120**