

PRE-FOOD SCIENCE TECHNOLOGY OPTION – X015

A.A. in Arts and Science

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COURSE TITLE	COURSE NUMBER	PREREQUISITES	CREDITS	SEMESTER TAKEN	GRADE
GENERAL EDUCATION REQUIREMENTS			36		
Language and Literature I	ENG 101	Appropriate score on Placement Tests, or C- or better in ENG 097 and ENG 098, or C- or better in ENG 096 or ENG 099	3		
Language and Literature II	ENG 102	ENG 101	3		
General Zoology	BIO 120		4		
Microbiology	BIO 229		4		
Calculus I	MTH 113	MTH 108 or adequate score on the Mathematics Placement Exam	4		
Social Science (B)			3		
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Humanities Elective (C)			3		
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PROGRAM ELECTIVES (Select 6 from the following)			24		
Inorganic Chemistry I	CHM 121	High School Algebra I or equivalent. High School Chemistry recommended.	4		
Inorganic Chemistry II	CHM 124	CHM 113 or CHM 121	4		
Organic Chemistry I	CHM 221	CHM 124, 114, or 102 with permission of instructor	4		
Organic Chemistry II	CHM 222	CHM 221 or one previous semester of organic chemistry	4		
Calculus II	MTH 114	MTH 113	4		
General Physics I	PHS 101	MTH 104 or adequate score on the Mathematics Placement Examination	4		
General Physics II	PHS 102	PHS 101	4		
Total Credits			60		

PROGRAM OVERVIEW
 Food scientists work on the scientific and technological aspects of processing food and related products. They determine how safe and nutritious our food will be, and how long and well it will keep. They also explore and analyze the many questions that have to be asked before a new product can go on the market.

NOTES:

This program qualifies for MassTransfer, which guarantees credit transfer to Massachusetts state colleges universities. MassTransfer also will grant students automatic acceptance to certain state colleges and universities by achieving the minimum grade point average and the HCC degree.