

BIOTECHNOLOGY LAB CERTIFICATE

Biotechnology – M405

CATALOG DESCRIPTION OF PROGRAM:

The Biotechnology Lab Certificate is a certificate option of the Biotechnology Program. This comprehensive program ensures theoretical and practical training in concepts and instrumentation relevant to Biotechnology. It is intended to prepare students for immediate employment in the Biotechnology field as laboratory technicians, laboratory assistants and other entry-level positions in academic or industrial research laboratories, and biopharmaceutical production facilities.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
LSS 101 or ENG 101	Laboratory Communication Skills or English Writing	3	Depends on course chosen		
LSS 102 or MAT 92 or MAT 86 or higher	Laboratory Math, Computer Skills and Informatics or Intermediate Algebra/Integrated Pre-Algebra and Introductory Algebra	3	Depends on course chosen		
LSS 103	Laboratory and Sterilization Management	3	None		
BTC 103	Special Topics in Biotechnology I	4	None		
BTC 105	Techniques Instrumentation and for Biotechnology	4	None		
BIO 199	Individual Study in Biology	4	None		
CLT 100	Computer Literacy/CLT Exam	0-2	None		
PROGRAM TOTAL		21-23			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80 Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 87M	Integrated Elementary and Intermediate Algebra				
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		