

LAB ANIMAL SCIENCE CERTIFICATE

Lab Animal Science – M404

CATALOG DESCRIPTION OF PROGRAM:

The Lab Animal Science Certificate is a certificate option of the Biotechnology Program. The Lab Animal Science Certificate is designed to prepare students with comprehensive knowledge in lab animal science so they can be employed as animal care and handling technicians or assistants in scientific laboratories or biotech companies under the supervision of a scientist or lab manager. The program is aligned with the course curriculum of Assistant Laboratory Animal Technician (ALAT) certification of American Association for Laboratory Animal Sciences (AALAS) providing the students pathways to establish careers in laboratory animal sciences.

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		
LSS 105	Introduction to Lab Animal Science	3	None		
BIO 199	Individual Study in Biology	4	None		
CLT 100	Computer Literacy/CLT Exam	0-2			
PROGRAM TOTAL		17-19			

Note: Students taking LSS 105, Introduction to Lab Animal Science with the intention of completing the Lab Animal Certificate are strongly advised to take in the prior/same semester LSS 101 (or ENG 101) and LSS 102 (or MAT 92 or MAT 87M or higher) and LSS 103.

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		
MAT 87M	Integrated Elementary and Intermediate Algebra		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 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		