



COURSE COMPLETION RECORD
M.S. Biochemistry and Molecular Biology
Department of Biochemistry and Molecular & Cellular Biology

Name _____

GU ID# _____

Semester/Year _____

❖ **CORE COURSES: 19 credits required**

credits/Sem/Year Semester: *F- Fall only; S- Spring only; B- offered both Fall & Spring* CR/Sem

SCIENCE CORE

_____	<i>Biochemistry Course</i>		
	BCHB 513 Core Concepts of Biochemistry	_____	4F
	or BCHB 511 Fundamentals of Biochemistry	_____	4F
_____	<i>Laboratory Methods Course</i>		
	BCHB 526 Core Methods of Biotechnology	_____	3B
	or BCHB 528 Core Methods in Molecular Biology	_____	3F
_____	BCHB 514/515 Intro to Bioinformatics		1B
_____	BCHB 507/508 (or 607/608) Lab Applications of Biotech		3B
_____	BCHB 536 Applications of Cell Culture		2S
_____	<i>Choose one advanced lab course from the following:</i>		
	BCHB 535 Programmed Cell Death	_____	2F
	or BCHB 529 Applications of Human Diagnostics	_____	2S
	or BCHB 537 Fermentation and Bioprocessing	_____	3B
	or BCHB 707 Advanced Techniques in Biochem Mol Cell	_____	2S
	or BCHB 575 Immunotechniques in Biochemistry	_____	1S

REQUIRED NON-CREDIT COURSES

_____	BCHB 539 Basic Lab Safety		0B
_____	BCHB 554 Research Ethics and Integrity		0B
_____	BCHB 570 Intro to Biochem Internship		0B
_____	BCHB 810 Career Development		0F

CAPSTONE CORE

_____	BCHB 910 Biochem Mol Cell Biol Internship		4B
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❖ **ELECTIVE COURSES: 11 credits required**

credits/Sem/Year Course Number/Course Title

_____	_____		
_____	_____		
_____	_____		
_____	_____		

Total Fall 20____ Credits: _____

Total Spring 20____ Credits: _____

Total Credits for Program: _____

Approved: _____ Date: _____

Dr. C. Simbulan-Rosenthal, Director, MS Biochemistry and Molecular Biology Program