



Program of Studies Bioengineering Master's Degree

NAME: **STUDENT SCU #**

LAST FIRST MIDDLE

EMAIL: **CIRCLE ONE:** NEW PS UPDATED PS FINAL PS

HOME PHONE: **EXPECTED GRADUATION DATE:**

(area code)

Graduate Core (6 units)	<u>Dept.</u>	<u>Catalog #</u>	<u>Units</u>	<u>Term</u>
Emerging Topics in Engineering (e.g., BIOE 256)			()	
Engineering and Business/Entrepreneurship			()	
Engineering and Society	BIOE	210	(2)	

Applied Mathematics (4 units)	<u>Catalog #</u>	<u>Units</u>	<u>Term</u>	Bioengineering Core (5 units)	<u>Term(s)</u>
AMTH		()		BIOE 200 (1) x 2	
AMTH		()		BIOE 232 & 232L (3)	

Focus Area (Primary: 6 units, Other: 4 units)

<u>Biomolecular Engineering/Biotechnology</u>	<u>Biomaterials/Tissue Engineering</u>	<u>Microfluidics/Biosensors & Imaging</u>	<u>Computational Bioengineering (*AMTH: 6 units)</u>	<u>Translational Bioengineering (*Capstone: 6 units)</u>
<u>BIOE</u>	<u>BIOE</u>	<u>BIOE</u>	<u>BIOE</u>	<u>BIOE</u>
<u>Term</u>	<u>Term</u>	<u>Term</u>	<u>Term</u>	<u>Term</u>
282 (2)	208 (2)	260 (2)	251 (2)	207 (2)
283 (2)	240 (2)	268 (4)	252 (2)	208 (2)
286 (2)	245 (2)	276 (2)	261 (2)	209 (2)
300 (2)	269 (2)	277 (2)	263 (2)	263 (2)
301 (2)	273 (2)	642 (2)	281 (2)	279 (2)
	378 (2)		310 (2)	302 (2)
			312 (2)	307 (2)
			*240 (2)	320 (2)
			*364 (2)	380 (4)
			*370 (2)	*294 (2)
			*371 (2)	*295 (2)
			*377 (2)	*296 (2)

*Additional 6 units are required for a primary focus in Computational or Translational Bioengineering

Technical Electives (TEs)^{1,2,3} and Thesis Units (20 units or Computational/Translational: 14 units)

<u>Catalog #</u>	<u>Units</u>	<u>Term</u>	<u>Dept.</u>	<u>Catalog #</u>	<u>Units</u>	<u>Term(s)</u>
BIOE	()				()	
BIOE	()				()	
BIOE	()				()	
BIOE	()				()	
BIOE	()		BIOE	297 ⁴	()	
BIOE	()		BIOE	397 ⁵	()	

Note: **1)** All grad-level BIOE courses (except BIOE 210) may count as TEs; **2)** Selected grad courses from ELEN, MECH, or COEN may be credited as TEs upon approval by faculty advisor; **3)** Max. 4 units total from ENGR and EMGT grad courses may be credited as TEs; **4)** Max. 3 units total of BIOE 297 is allowed if also taking BIOE 397, otherwise max. 6 units total of BIOE 297 is allowed; **5)** Submission of a Master's Thesis is required for BIOE 397 (max. 9 units total).

Total Units (45 quarter units min.): _____ **Advisor:** _____

SCU UNDERGRAD CREDIT/TRANSFER CREDIT REQUESTED

(BS/MS STUDENTS CAN ONLY TRANSFER 20 UNITS MAX)

(ALL OTHER NON-SCU TRANSFER CREDIT 9 QUARTER UNITS MAX)

<u>Institution</u>	<u>Course # & Title</u>	<u>Units</u>	<u>Grade</u>	<u>Quarter Completed</u>

- One official transcript is sent to the Graduate Services Office by the registrar of the other Institution(s).
- Transcripts must indicate that transfer units were not used to satisfy other degree requirements.
- **Extension or continuing education units are not accepted for transfer credit.**
- Credit will not be allowed for courses that duplicate prior work.

Transfer units (1 semester unit = 1.5 quarter units):

..... (9 quarter units max. for non-SCU students)
..... (20 quarter units max. for SCU BS/MS students)

Total SCU units during MS: (not including prerequisite courses)

Total Units: (45 quarter units min.)

I understand that it is my responsibility:

- 1. To ensure that transcripts for transfer credits are sent to the Graduate Services Office.***
- 2. To obtain my advisor's approval and signature of this program and of any subsequent changes needed.***
- 3. To complete the program as approved with a minimum of 45 units and 3.0 GPA.***

.....
(Student's signature) Date (Advisor's signature) Date