

# PROFESSIONAL SCIENCE MASTER'S IN BIOMANUFACTURING AND BIOTECHNOLOGY

<b>Spring</b>		
CBE 687	Internship	7
<b>Total Credits</b>		<b>7</b>
<b>Program Total Credits:</b>		<b>40</b>

A minimum of 40 credits are required to complete this program.

<sup>1</sup> Offered Spring term only.

## Requirements Effective Fall 2019

### First Year

<b>Fall</b>		<b>Credits</b>
BC 411	Physical Biochemistry	4
BC 563	Molecular Genetics	4
BUS 500	Foundations for Business Impact	2
<b>Total Credits</b>		<b>10</b>

<b>Spring</b>		
BC 565	Molecular Regulation of Cell Function	4
BC 571	Quantitative Biochemistry	1
BUS 601	Quantitative Business Analysis	2
Select a 3-credit technical elective from:		3
BIOM 525/ MECH 525	Cell and Tissue Engineering	
CBE 570	Biomolecular Engineering/Synthetic Biology	
GES 542	Biobased Fuels, Energy, and Chemicals	
<b>Total Credits</b>		<b>10</b>

### Second Year

<b>Fall</b>		
BUS 614	Accounting Concepts	2
BUS 620	Leadership and Teams	2
CBE 504/BIOM 504	Fundamentals of Biochemical Engineering	3
CBE 505	Biochemical Engineering Laboratory	1
CBE 522/BIOM 522	Bioseparation Processes	3
Select a 2-credit business elective from:		2
BUS 626 <sup>1</sup>	Managing Human Capital	
BUS 640	Financial Principles and Practice	
BUS 655	Marketing Management	
<b>Total Credits</b>		<b>13</b>