

STUDENT NAME		SID #	
PROGRAM CHAIR		DATE	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed		
Course	Course Title	CR	College/University	Course	CR	Grade	Quarter	Year
CORE COURSEWORK								
BIOL 275	Laboratory Methods in Genomics	6						
BUS& 101	Introduction to Business	5						
BTS 147	Presentation Design & Delivery	3						
CHEM& 161	General Chemistry I	6						
CHEM& 162	General Chemistry II	6						
CHEM& 163	General Chemistry III	6						
CHEM 275	Introduction to Instrumental Analysis	6						
ENGL& 101	English Composition I	5						
ENGL& 235	Technical Writing	5						
MATH 130	Introduction to Statistics	5						
MATH& 151	Calculus I	5						
MATH& 152	Calculus II	5						
<i>Choose 6 credits from the following:</i>		6						
BIOL& 160 and BIOL& 211	General Biology w/Lab (6 Cr) Biology Majors Cellular (6 Cr)							
<i>Choose 5 credits from the following (fulfills Cultural Diversity Requirement at Bellevue College):</i>		5						
CMST 250	Organizational Communication (5 Cr)							
CMST 280	Intercultural Communication (5 Cr)							
HUMANITIES (5 CREDITS)								
<i>Choose 5 credits from the Direct Transfer Agreement (DTA).</i>		5						
SCIENCE ELECTIVES (12 CREDITS)								
<i>Choose 12 credits from the following:</i>		12						
BIOL& 241 and BIOL& 242	Anatomy & Physiology I (6 Cr) Anatomy & Physiology II (6 Cr)							
Or two of the following approved science electives:								
BIOL& 260	Microbiology (6 Cr)							
CHEM& 131	Introduction to Organic/Biochemistry (6 Cr)							
CHEM& 261	Organic Chemistry I (6 Cr)							
CHEM& 262	Organic Chemistry II (6 Cr)							
CHEM& 263	Organic Chemistry III (6 Cr)							
PHYS& 114	General Physics I (6 Cr)							
PHYS& 115	General Physics II (6 Cr)							
PHYS& 116	General Physics III (6 Cr)							
PHYS 121	General Engineering Physics I (6 Cr)							
PHYS 122	General Engineering Physics II (6 Cr)							
PHYS 123	General Engineer Physics III (6 Cr)							
TOTAL		91						

Graduates with a two-year molecular sciences technician degree will be prepared to work as laboratory technicians in a variety of environments, including bioscience research labs, chemical research labs, and environmental science labs. Typical job titles include biological technician, chemical technician, and laboratory technician. Individuals wishing to continue their education to the baccalaureate degree will be well prepared for the BAS in Molecular Biosciences planned at Bellevue College.

LEARNING OUTCOMES

Degree recipients should possess the following skills and abilities:

- Read, understand, carry out protocols and use appropriate laboratory equipment with minimal supervision

- Apply the scientific method and good experimental design in the workplace
- Integrate laboratory skills and theory into job-related tasks
- Analyze and summarize scientific data using analytical and computational tools
- Communicate scientific ideas in either written or oral formats in a manner that is appropriate for either a technical or non-technical audience

FOR MOST UP-TO-DATE INFORMATION, GO TO:

www.bellevuecollege.edu/programs/degrees/proftech/applied/#mstdegree

