

<b>STUDENT NAME</b>		<b>SID #</b>	
<b>PROGRAM CHAIR</b>		<b>DATE</b>	

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

Graduates with a two-year molecular sciences technician degree should 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 should 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](http://www.bellevuecollege.edu/programs/degrees/proftech/applied/#mstdegree)

