

Molecular Sciences Technician

Associate in Applied Science-T Degree

STUDENT NA	AME				SID #				
PROGRAM C	HAIR				DATE				
PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed			d
Course	Course Title	CR	College/University	Cours	ie	CR	Grade	Quarter	Year
CORE COURS	EWORK								
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							
Choose 6 credi	its from the following:	6					1		
BIOL& 160 BIOL& 211	General Biology w/Lab (6 Cr) Biology Majors Cellular (6 Cr)								
	its from the following (fulfills Cultural Diversity t Bellevue College):	5							
CMST 250 CMST 280	Communication in a Diverse Workplace (5 Cr) Intercultural Communication (5 Cr)								
HUMANITIES	5 (5 CREDITS)								
Choose 5 credits from the Direct Transfer Agreement (DTA).		5							
SCIENCE ELE	CTIVES (12 CREDITS)								
Choose 12 crea	dits from the following:	12							
BIOL& 241 and BIOL& 242	Anatomy & Physiology I (6 Cr)								
	Anatomy & Physiology II (6 Cr)								
	ollowing approved science electives:								
BIOL& 260 CHEM& 131 CHEM& 261 CHEM& 262	Microbiology (6 Cr) Introduction to Organic/Biochemistry (6 Cr) Organic Chemistry I (6 Cr) Organic Chemistry II (6 Cr)								
CHEM& 263 PHYS& 114 PHYS& 115	Organic Chemistry III (6 Cr) General Physics I (6 Cr) General Physics II (6 Cr)								
PHYS& 116 PHYS 121 PHYS 122 PHYS 123	General Physics III (6 Cr) General Engineering Physics I (6 Cr) General Engineering Physics II (6 Cr) General Engineer Physics III (6 Cr)								
TOTAL	· · · · ·	91							

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



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	Page 2 of 2

CULTURAL DIVERSITY REQUIREMENT (CDR)

Below is a complete listing of all the courses that meet the college's Cultural Diversity requirements for the Associate Transfer Degrees. Classes will be applied toward either the Humanities, Social Science, Natural Sciences or electives.

Transferable Courses:

- Anthropology 100, 104, 106, 108, 117, 180, 200, 206, 208, 209, 210, 211, 212, 214, 219, 220, 222, 224, 235, 260, 265;
- Art 103
- Cultural and Ethnic Studies 100, 101, 106, 109, 120, 121, 130, 140, 152, 180, 200, 201, 203, 205, 210, 241, 257;
- **Communication Studies** 134, 250, 280
- **French** 131, 132, 133, 231, 232, 233

- **Geography** 123, 200, 277
- *History* 185, 246
- International Studies 123
- *Music* 117
- *Philosophy* 102, 145, 265
- Psychology 250
- Sociology 101, 120, 121, 122, 201, 205, 210, 215, 222, 230, 248, 249, 253, 254, 257, 260, 262, 264, 267, 268, 275

Restrictive Electives:

- Allied Health 140
- **Business** 120, 241
- **Criminal Justice** 242
- **Education** 150, 240, 286
- Human Development 140
- **Marketing Management** 200
- Nursing 290

For more information, go to: www.bellevuecollege.edu/programs/degrees/culturaldiversity/