

LANSING COMMUNITY COLLEGE

Liberal Arts

Curriculum Code:
1608 (Effective Fall
2017 – Summer
2022)

Molecular Biotechnology Techniques C.C. Pathway

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
BIOL 127	Cell Biology	(Minimum 2.0 in CHEM 120) or (Minimum 2.0 in CHEM 151 or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
CHEM 151	General Chemistry Lecture I	Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 109 concurrently or MATH 112 concurrently)	4 / 4
CHEM 161	General Chemistry Lab I	Minimum 2.0 in CHEM 151 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 112 concurrently)	1 / 3
Credits			9 / 13

Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
BIOL 275	Molecular Biology I	Minimum 2.0 in (BIOL 127 and CHEM 151 and CHEM 161) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
BIOL 203	Microbiology	Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
BIOL 204	Microbiology Laboratory	Minimum 2.0 in BIOL 203 or concurrently and Reading Level 5 and Writing Level 6 and Math Level 4	1 / 3
Credits			8 / 12
Semester III	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements - <i>Select 1</i>			
BIOL 276	Molecular Biology II	Minimum 2.0 in BIOL 275 and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
Electives - <i>Select 1</i>			
BIOL 270	Human Genetics	Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
ISCI 245	S.T.E.M. Workplace Practices	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 109 concurrently or MATH 112 concurrently)	4 / 6
Credits			7-8 / 9-12
Total Credits			24-25 / 34-37