



DMACC Biotechnology Transfer AS Degree Options Side-by-Side Comparison



Biotechnology AS with Lab Methods Certificate	
Term 1	13
SDV 108 The College Experience	1
ENG 105 Composition I	3
Option 1 - Select one course	3
*ENV 115 Environmental Science	Opt 1
BIO 138 Field Ecology	Opt 1
MAT 130 Trigonometry	Opt 1
AA/AS Core Humanities	3
AA/AS Core Social and Behavioral Sciences	3
Term 2	14
ENG 106 Composition II	4
BIO 112 General Biology I	3
CHM 165 General/ Inorg Chemistry I	4
AA/AS Core Social and Behavioral Sciences	3
Term 3 - Summer	7
**MAT 156 Statistics	3
**BIO 186 Microbiology	4
Term 4	14
BIO 146 Genetics	3
BIO 113 General Biology II	4
CHM 175 General/ Inorg Chemistry II	4
Option 2 - Select one course	3
*SPC 101 Fundamentals of Oral Comm.	Opt 2
SPC 122 Interpersonal & Small Group Comm.	Opt 2
Term 5	16
**BIO 250 Cell & Molecular Biology–Nucleic Acids	5
**BIO 251 Cell and Molecular Biology–Proteins	5
BIO 249 Biotechnology Internship	3
AS Distributed Credits	3
Total Credits	64

OR

Biology Transfer AS with Lab Methods Certificate Electives	
Term 1	15
SDV 108 The College Experience	1
ENG 105 Composition I	3
**MAT 156 Statistics	3
BIO 112 General Biology I	4
CHM 165 General/ Inorg Chemistry I	4
Term 2	17
ENG 106 Composition II	3
BIO 113 General Biology II	4
CHM 175 General/ Inorg Chemistry II	4
AS Core Humanities	3
AS Core Social and Behavioral Sciences	3
Term 3	15
BIO 146 Genetics	3
**BIO 186 Microbiology	4
MAT 211 Calculus I	5
Option 1 - Select one course	3
*SPC 101 Fundamentals of Oral Comm.	Opt 1
SPC 122 Interpersonal & Small Group Comm.	Opt 1
Term 4	17
**BIO 250 Cell & Molecular Biology–Nucleic Acids	5
**BIO 251 Cell and Molecular Biology–Proteins	5
AS Core Social and Behavioral Sciences	3
AS Distributed Credits	4
Total Credits	64

* Options with the best transferability.

** Courses required, in addition to course prerequisites, to complete Biotechnology Certificate. Contact Biotech Program Chair for details.



**MATH & SCIENCE
PATHWAY**

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