

DMACC to ISU transfer guide for Microbiology BS

Courses to be completed at DMACC	Courses to be completed at ISU for 2018-19 Catalog
<u>Recommended Math & Science Courses</u>	
Eng 105 & 106 Composition I & 2	6
Bio 112 & 113 Principles of Biology I & II with lab	8
CHM 165 & 175 General Inorganic Chemistry I & 2, with Labs	8
SPC 101 Fundamentals of Speech or Public Speaking	3
CHM 263 & 273 Organic Chemistry I & II with Labs	10
MAT 157 Statistics	4
MAT 211 & 217 Calculus I & II	10
PHY 160 & 161 College Physics I & II	10
<u>Recommended General Education Courses</u>	
<i>Humanities Pick 1 course</i>	
DRA 101 Intro to Theatre	3
HIS 112 Western Civilization	3
LIT 101 Intro to Literature	3
MUS 100 Music Appreciation	3
REL 101 Survey of World Religions	3
<i>Ethics Pick 1 course</i>	
PHI 105 Introduction to Logic	3
<i>Social Science Pick 1 Course</i>	
ANT 105 Cultural Anthropology	3
PSY 111 General Psychology	3
PSY 121 Developmental Psychology	3
PSY 261 Human Sexuality	3
SOC 110 Introduction to Sociology	3
SOC 115 Social Problems	3
SOC 120 Marriage and Family	3
POL 111 American National Government	3
POL 121 International Relations	3
ECN 120 Principles of Macroeconomics	3
ECN 130 Principles of Microeconomics	3
65 cr. Limit that can apply to BS	
<u>Recommended Preparation Course</u>	
BIO 186 Microbiology	4
<u>Microbiology Coursework</u>	
Micro 110 Orientation in Micro	1
Micro 101 Microbial World	3
Micro 302, L General Micro with Lab	4
Micro 310, L Medical Micro with Lab	4
Micro 320 Microbial Physiology & Genetics	3
Micro 430 or 477 or 456 Micro Diversity	3
Micro 440 Microbial Genetics & Physiology Lab	3
Micro 450 Microbiology Seminar	2
Micro 451 Microbiology Junior Survey	R
Micro Micro Choice	3
Micro Micro Choice	3
Micro Micro Choice	3
<u>Physical Sciences</u>	
BBMB 301 Survey Biochemistry	3
<u>Biological Sciences</u>	
Biol 313, L Genetics with Lab	4
Biol 314, L Cell Biology with Lab	4
<u>English – Pick 1 course</u>	
Engl 302 Business Communications	3
Engl 309 Proposal and Report Writing	3
Engl 312 Biological Communications	3
Engl 314 Technical Communications	3
<u>Personal Development Courses and Electives</u>	
International Perspectives	3
US Diversity	3
Electives	To reach 128 credits total

¹ Credit for Bio 186 at DMACC counts as Micro 302 Lab at ISU

The Course numbers may vary somewhat from school to school. Double check the ISU Course Equivalency guides

(<http://www.admissions.iastate.edu/equiv/index.php?state=iowa>)

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