

## DMACC to ISU transfer guide for Microbiology BS

Courses to be completed at DMACC			Courses to be completed at ISU for 2025-26 Catalog		
<b><u>Recommended Math &amp; Science Courses</u></b>			<b><u>Microbiology Coursework</u></b>		
Eng 105 & 106	Composition I & 2	6	Micro 1100	Orientation in Micro	1
SDV 171	Library Instruction	1	Micro 1010	Microbial World	3
Bio 112 & 113	Principles of Biology I & II with lab	8	Micro 3020, L	General Micro with Lab	4
CHM 165 & 175	General Inorganic Chemistry I & 2, with Labs	8	Micro 3100, L	Medical Micro with Lab	4
SPC 101	Fundamentals of Speech or Public Speaking	3	Micro 3200	Microbial Physiology & Genetics	3
CHM 263 & 273	Organic Chemistry I & II with Labs	10	Micro 4300 or	Micro Diversity	3
MAT 156	Statistics	3	Micro 4770 or		
MAT 129	Precalculus	5	Micro 4560		
MAT 211 & 217 <sup>1</sup>	Calculus I & II	10	Micro 4400	Microbial Genetics & Physiology Lab	3
PHY 160 & 161	College Physics I & II	10	Micro 4500	Microbiology Seminar	2
			Micro 4510	Microbiology Junior Survey	R
				Micro Choice	9
<b><u>Recommended General Education Courses</u></b>			<b><u>Physical Sciences</u></b>		
<i>Humanities Pick 1 course</i>			BBMB 3010 or		
ART 203	Art History 1	3	Survey Biochemistry		
DRA 101	Intro to Theatre	3			
HIS 110	Western Civilization: Ancient	3	BBMB 3160 or		
HIS 111	Western Civilization: Modern	3	BBMB 4040 & 4050		
LIT 101	Intro to Literature	3			
MUS 100	Music Appreciation	3	<b><u>Biological Sciences</u></b>		
REL 101	Survey of World Religions	3	Biol 3130, L	Genetics with Lab	4
<i>Ethics Pick 1 course</i>			Biol 3140 or Biol 3280	Cell Biology with Lab	4
PHI 105	Introduction to Logic	3	<b><u>English – Pick 1 course</u></b>		
<i>Social Science Pick 1 Course</i>			Engl 3020	Business Communications	3
ANT 105	Cultural Anthropology	3	Engl 3090	Proposal and Report Writing	3
PSY 111	General Psychology	3	Engl 3120	Biological Communications	3
PSY 121	Developmental Psychology	3	Engl 314 0	Technical Communications	3
PSY 261	Human Sexuality	3	<b><u>Personal Development Courses and Electives</u></b>		
SOC 110	Introduction to Sociology	3	International Perspectives		
SOC 115	Social Problems	3	US Cultures & Communities		
SOC 120	Marriage and Family	3	Electives		
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			To reach 128 credits total		
<b><u>Recommended Preparation Course</u></b>					
BIO 186 <sup>2</sup>	Microbiology	4			

<sup>1</sup>Students intending to double major in Micro/Biochemistry or Micro/Genetics should take Mat 211 and Mat 217 at DMACC

<sup>2</sup>Credit for Bio 186 at DMACC counts as Micro 3020 Lab at ISU