DMACC to ISU transfer guide for Microbiology BS

Courses to be completed at DMACC

Recommended Math & Science Courses

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 129	Precalculus	5
MAT 211	Calculus I	5
PHY 160 & 161	College Physics I & II	10

Recommended General Education Courses

Humanities Pick 1 course

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

Ethics Pick 1 course

PHI 105	Introduction to Ethics	3

Social Science Pick 1 Course

ANT 105	Cultural Anthropology	3
PSY 111	General Psychology	3
PSY 121	Developmental Psychology	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

Recommended Preparation Course

BIO 186	Microbiology	4

Courses to be completed at ISU for 2021-2022 Catalog

Microbiology Coursework

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 electives	Micro Choice	9

Biochemistry (minimum of 3 credits)

BBMB 301 or	Survey of Biochemistry	3
BBMB 336 or	Principles of Biochemistry	3
BBMB 404 and 405	Biochemistry 1 & 2	6

Biological Sciences

Biol 313 & L	Genetics with Lab	4
Biol 314 or 328	Molecular Biology	3

English – ***Pick 1 course***

Engl 302	Business Communications	3
Engl 309	Proposal and Report Writing	3
Engl 312	Biological Communications	3
Engl 314	Technical Communications	3

Personal Development Courses and Electives

International Perspectives	3
US Diversity	3

Electives To reach 128 credits total

[1] Credit for Bio 186 at DMACC counts as Micro 302Lab, but if lab was not face to face, recommend student take 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)

3/2021