



Biology Program Agreement

Western Michigan University
Bachelor of Science, Biology, (B.S.)

Kalamazoo Valley Community College
Associate of Science, Biological Science (A.S.)

Catalog Year 2023 - 2024

I. KALAMAZOO VALLEY COURSES for GENERAL EDUCATION/Michigan Transfer Agreement (MTA) (30 credits minimum)

See attached [Kalamazoo Valley MTA guide](#) for specific courses from Kalamazoo Valley that will fulfill the MTA requirements

Kalamazoo Valley Course	WMU WES Equivalent	Transfer Credit Hours
English Composition – ENG 110 or ENG 160	ENGL 1050 & varies	3
English Composition or Communications: ENG 111, ENG 112, ENG 127, ENG 227, ENG 260, COM 113, or COM 210	ENGL 1100, BCM 1420, BCM 1420, ENGL Credit, ENGL Credit, COM 1700, or COM Credit	3
Humanities - 2 courses from different subject areas (Language 1 recommended)	Varies	6
Mathematics - MATH 160	MATH 1220	5
Science – (2) BIO101 & CHM 120	BIOS 1610 & CHEM 1100/1110	8
Social Sciences – 2 courses from different subject areas varies	Varies	6
TOTAL KALAMAZOO VALLEY MTA CREDIT HOURS		31 CREDIT HOURS

II. KALAMAZOO VALLEY COURSES – (31 credits)

Kalamazoo Valley Course	WMU Equivalent	Transfer Credit Hours
CHM 130	CHEM 1120/1130	4
CHM 220	CHEM 3750/3760	5
CHM 230	CHEM 3770/3780	5
BIO 104	BIOS 1620	4
MATH 220	MATH 3660	4
PSI 100, PSI 101, PSI 102, or PSI 126	PSCI 1000, PSCI 2000, PSCI 2020, or PSCI Credit	3
WPE credit	Varies	2
Kalamazoo Valley Open Elective Courses to Reach 62		
Elective - BIO 201 recommended	BIOS 2500	4
TOTAL KALAMAZOO VALLEY SECTION II CREDIT HOURS		31 CREDITS HOURS
TOTAL KALAMAZOO VALLEY CREDIT HOURS		62 CREDIT HOURS

IIIa. WMU COURSES REQUIRED FOR BIOLOGY MAJOR (32-41 credits)		
WMU Course	WMU Course Title	WMU Credit Hours
BIOS Intermediate Elect - min. 3 classes	Varies	9-15
BIOS Advanced Courses - min. 6 credits	varies	6-8
BIOS Capstone course	Varies	3-4
CHEM 3550 & 3560	Intro to Biochemistry	4
PHYS 1130 & 1140	General Physics I	5
PHYS 1150 & 1160	General Physics II	5
TOTAL CREDIT HOURS		32-41 CREDIT HOURS AT WMU

IIIb. WMU COURSES REQUIRED FOR MINOR (18 credits)		
WMU Course	WMU Course Title	WMU Credit Hours
Approved academic minor	Varies	18
TOTAL CREDIT HOURS		18 CREDIT HOURS AT WMU

IIIc. WMU COURSES REQUIRED FOR WMU ESSENTIAL STUDIES and Remaining Electives (12-13 credits)		
WMU Course	WMU Course Title	WMU Credit Hours
ENGL 1060	Writing, Research & Inquiry	3
Second semester of world language	Varies	3-4
WES Local & National Perspectives	Varies	3
WES Global Perspectives	Varies	3
TOTAL CREDIT HOURS		12-13 CREDIT HOURS AT WMU

TOTAL CREDITS (I –III)		
62 Kalamazoo Valley Credits		
62-72 WMU Credits		
124-134 Total Credits		

Minimum credits required for Kalamazoo Valley associate degree: 62 Minimum credits required at WMU: 60 Total credits required: 122

† Professional level courses that require acceptance into the WMU Biology program

^{GP} WES level 3 courses satisfying Global Perspective

^{NP} WES level 3 courses satisfying National Perspective

Advising Notes

Kalamazoo Valley Student Development Services 269-488-4040 development@kvcc.edu

WMU Academic Advisor 269-387-4366 coas-advising@wmich.edu

Program Agreement

This agreement shall commence as of November 6th, 2023. This program agreement shall abide by all language of the Institutional Agreement between Kalamazoo Valley Community College and Western Michigan University.

Signatures

Kalamazoo Valley Community College

Dr. Billy Reynolds, Dean of Instruction
Liberal Arts & Science
Kalamazoo Valley Community College

Dr. Paige Eagan, Provost & Vice President for
Instruction & Student Services
Kalamazoo Valley Community College

Western Michigan University

John Spitsbergen, Chair, Biological Sciences
Western Michigan University

Carla Koretsky, Dean, College of Arts and Sciences
Western Michigan University