



Program Agreement
Western Michigan University
Bachelor of Science,
Biomedical Sciences, BS



Kellogg Community College
Associate of Science,
Pre-Biomedical Sciences, AS

Catalog Year 2018 - 2019

Courses to take at KCC

Kellogg Community College				
Semester	KCC Course	Credits	KCC Course Title	WMU Equiv.
Fall/Sem 1	ENGL 151	3	Freshman Composition	ENGL 1050
Fall/Sem 1	BIOL 110	4	Principles of Biology Celluar	BIOS 1610
Fall/Sem 1	CHEM 110	4	General Chemistry I	CHEM 1100 and 1110
Fall/Sem 1	MATH 130	3	Statistics	MATH 3660
Fall/Sem 1	PEHL CR	2	Choose one: PEHL 101, 113, 119, 125, 131 or 140	PEGN 1700, 1720, 1710, 1730, 1730 or HPHE 1110
Spring/Sem 2	COMM 101	3	Founds Interpersonal Communication	COMM 1700
Spring/Sem 2	BIOL 109	4	Principles of Biology I	BIOS 1600
Spring/Sem 2	CHEM 111	4	General Chemistry II	CHEM 1120 and 1130
Spring/Sem 2	MATH 141	5	Calculus I	MATH 1220
Fall/Sem 3	BIOL 105 or 201	4	Essntl Anat & Phys or Human Anatomy	BIOS CR or BIOS 2110
Fall/Sem 3	PHYS 111 or 221	4	College Physics I or Phy for Scie & Engr I	PHYS 1130 and 1140 or PHYS 2050 and 2060
Fall/Sem 3	CHEM 201	4	Organic Chemistry I	CHEM 3750 and 3760
Fall/Sem 3	Global or Creative CR (Choose one from the options listed on the right.)	3	Choose one from the lists below: PHIL 201, 202, 230 HIST 103, 104, 151, 152, 201, 202, 260 POSC 201, 210, 211 SOCI 201, 204, ANTH 200, ECON 201, JOUR 111 FREN 100, SPAN 101 ART 209, 211, 212, 213, HUMA 150 LITE 105, 205, 206, 211, 212, 213, 216, 222, 223, 230, 240, 285 MUSI 211, THEA 121, 122	PHIL 2000, 2010, REL CR HIST 2100, 2110, 1000, 1010, 3020, 3030, 3850 PSCI 2000, 2400, 2500 SOC 2000, 3140, ANTH CR, ECON 2020, JRN CR FREN 1000, SPAN 1000 ART 1400, 1200, 2200, 2210, TGE DI ENGL 1100, 3120, 3120, 3200, 3210, ENGL CR, 2100, 3310, 2520, 3150, 2230, 2070 MUS 1500, THEA 1000, 1000
Spring/Sem 4	Global or Creatvie CR (Choose 2-3 from the options listed on the right.)	9	Choose 2-3 from the lists below: PHIL 201, 202, 230 HIST 103, 104, 151, 152, 201, 202, 260 POSC 201, 210, 211 SOCI 201, 204, ANTH 200, ECON 201, JOUR 111 FREN 101, SPAN 102 ART 209, 211, 212, 213, HUMA 150 LITE 105, 205, 206, 211, 212, 213, 216, 222, 223, 230, 240, 285 MUSI 211, THEA 121, 122	PHIL 2000, 2010, REL CR HIST 2100, 2110, 1000, 1010, 3020, 3030, 3850 PSCI 2000, 2400, 2500 SOC 2000, 3140, ANTH CR, ECON 2020, JRN CR FREN 1010, SPAN 1010 ART 1400, 1200, 2200, 2210, TGE DI ENGL 1100, 3120, 3120, 3200, 3210, ENGL CR, 2100, 3310, 2520, 3150, 2230, 2070 MUS 1500, THEA 1000, 1000
Spring/Sem 4	PHYS 112 or 222	4	College Physics II or Phys for Scie & Engr II	PHYS 1150 and 1160 or PHYS 2070 and 2080
Spring/Sem 4	CHEM 202	4	Organic Chemistry II	CHEM 3770 and 3780
	FYS 101	1	First Year Seminar	FYE CR
Total KCC Credits		65		

Courses to take at WMU

Western Michigan University		
WMU Course	Credits	WMU Course Title
Introductory and Intermediate Level Courses		
BIOS 1620	4	Ecology and Evolution
BIOS 2300 or BIOS 2600	3	Cell Biology or Intro to Developmental Biology
BIOS 2500	4	Genetics
BIOS 3120	5	Microbiology
BIOS 3500	5	Human Physiology for Majors
General Education Proficiency 2: Baccalaureate-Level Writing Requirement		
BIOS 3500	5	Human Physiology for Majors
Two advance interest courses from the following:		
A minimum 6 hours from any of the following 3000, 4000, and 5000-level classes including at least one capstone course; only 3 hours may be BIOS 4980 and/or BIOS 4990.		
Advanced Interest	3	
		BIOS advanced level elective
Capstone Courses	3	
		BIOS capstone
Cognate Requirements		
Chemistry	20	
		CHEM 1100, 1110, 1120, 1130, 3550, 3560, 3750, 3760, 3770, 3780
Mathematics	8	
		MATH 1220 OR 2000; AND STAT 2600 OR 3660
Physics	10	
		PHYS 1130, 1140, 1150, 1160
Electives	6-18	
Total WMU Credits	46-70	
Total Credits Combined	123+	

Advising Notes

KCC contact: Academic Advisor (269) 965-4124 advising@kellogg.edu
 WMU contact: Academic Advisor (269) 387-4366 <https://wmich.edu/arts-sciences/advising>

Students who complete this plan for an Associate in Science will also meet the requirements of the Michigan Transfer Agreement (MTA). This endorsement waives the lower-level general education requirements at WMU.

Students who obtain an Associate in Science are required to complete a service-learning experience. Students who successfully complete SERV 100, SERV 200, SERV 299 or a course that offers a service-learning option will receive a service-learning endorsement on their transcript. Please ask your Academic Advisor which courses incorporate service learning, or search in class schedules.

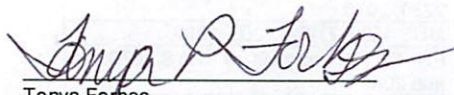
Program Agreement

This agreement shall commence as of May 1, 2018. This program agreement shall abide by all language of the Institutional Agreement between Kellogg Community College and Western Michigan University.

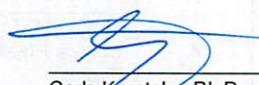
Signatures

Kellogg Community College

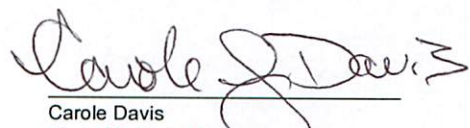
Western Michigan University



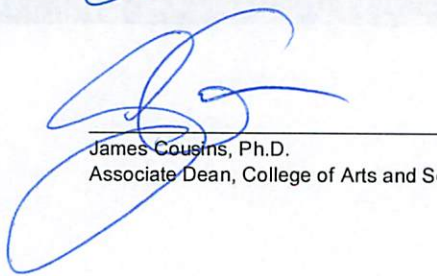
Tonya Forbes
 Dean, Arts and Sciences
 Instructional Division



Carla Koretsky, Ph.D.
 Dean, College of Arts and Sciences



Carole Davis
 Chair, Math and Science



James Cousins, Ph.D.
 Associate Dean, College of Arts and Sciences