

**Program Agreement**  
**Western Michigan University (WMU)**  
**Bachelor of Science in Biomedical Sciences**

**Kellogg Community College (KCC)**  
**Associate of Science**

**Catalog Year 2018-2019**

**I. KCC Courses (65 credits)**

<b>Semester</b>	<b>KCC Course</b>	<b>WMU Equivalent</b>	<b>Credit Hours</b>
Fall/Semester 1	ENGL 151	ENGL 1050	3
Fall/Semester 1	BIOL 110	BIOS 1610	4
Fall/Semester 1	CHEM 110	CHEM 1100 and CHEM 1110	4
Fall/Semester 1	MATH 130	MATH 3660	3
Fall/Semester 1	PEHL 101, PEHL 113, PEHL 119, PEHL 125, PEHL 131, or PEHL 140	PEGN 1700, PEGN 1720, PEGN 1730, or HPHE 1110	2
Spring/Semester 2	COMM 101	COMM 1700	3
Spring/Semester 2	BIOL 109	BIOS 1600	4
Spring/Semester 2	CHEM 111	CHEM 1120 and CHEM 1130	4
Spring/Semester 2	MATH 141	MATH 1220	5
Fall/Semester 3	BIOL 105 or BIOL 201	BIOS CR or BIOS 2110	4
Fall/Semester 3	PHYS 111 or PHYS 221	PHYS 1130 and PHYS 1140 or PHYS 2050 and PHYS 2060	4
Fall/Semester 3	CHEM 201	CHEM 3750 and CHEM 3760	4
Fall/Semester 3	PHIL 201, PHIL 202, PHIL 230, HIST 103, HIST 104, HIST 151, HIST 152, HIST 201, HIST 202, HIST 260, POSC 201, POSC 210, POSC 211, SOCI 201, SOCI 204, ANTH 200, ECON 201, JOUR 111, FREN 101, SPAN 101, ART 209, ART 211, ART 212, ART 213, HUMA 150, LITE 105, LITE 205, LITE 206, LITE 211, LITE 212, LITE 213, LITE 216, LITE 222, LITE 223, LITE 230, LITE 240, or LITE 285	PHIL 2000, PHIL 2010, REL CR, HIST 2100, HIST 2110, HIST 1000, HIST 1010, HIST 3020, HIST 3030, HIST 3850, PSCI 2000, PSCI 2400, PSCI 2500, SOC 2000, SOC 3140, ANTH CR, ECON 2020, JRN CR, FREN 1000, SPAN 1000, ENGL 1100, ENGL 3120, ECON 3200, ECON 3210, ENGL CR, ENGL 2100, ENGL 3310, ENGL 2520, ENGL 3150, ENGL 2230, ENGL 2070, MUS 1500, or THEA 1000	3
Spring/Semester 4 (choose 2-3 courses)	PHIL 201, PHIL 202, PHIL 230, HIST 103, HIST 104, HIST 151, HIST 152, HIST 201, HIST 202, HIST 260, POSC 201, POSC 210, POSC 211, SOCI 201, SOCI 204, ANTH 200, ECON 201, JOUR 111, FREN 101, SPAN 101, ART 209, ART 211, ART 212, ART 213, HUMA 150, LITE 105, LITE 205, LITE 206, LITE 211, LITE 212, LITE 213, LITE 216, LITE 222, LITE 223, LITE 230, LITE 240, or LITE 285	PHIL 2000, PHIL 2010, REL CR, HIST 2100, HIST 2110, HIST 1000, HIST 1010, HIST 3020, HIST 3030, HIST 3850, PSCI 2000, PSCI 2400, PSCI 2500, SOC 2000, SOC 3140, ANTH CR, ECON 2020, JRN CR, FREN 1000, SPAN 1000, ENGL 1100, ENGL 3120, ECON 3200, ECON 3210, ENGL CR, ENGL 2100, ENGL 3310, ENGL 2520, ENGL 3150, ENGL 2230, ENGL 2070, MUS 1500, or THEA 1000	9
Spring/Semester 4	PHYS 112 or PHYS 222	PHYS 1150 and PHYS 1160 or PHYS 2070 and PHYS 2080	4

<b>Spring/Semester 4</b>	CHEM 202	CHEM 3770 and CHEM 3780	4
	FYS 101	FYE CR	1

**Note:**

Students who complete this plan for an Associate of 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.

**II. WMU Courses (46-70 credits)**

	<b>WMU Course</b>	<b>WMU Title</b>	<b>Credit Hours</b>
<b>Introductory and Intermediate Courses</b>	BIOS 1620	Ecology and Evolution	4
<b>Introductory and Intermediate Courses</b>	BIOS 2300 or BIOS 2600	Cell Biology or Introduction to Developmental Biology	3
<b>Introductory and Intermediate Courses</b>	BIOS 2500	Genetics	4
<b>Introductory and Intermediate Courses</b>	BIOS 3120	Microbiology	5
<b>Introductory and Intermediate Courses</b>	BIOS 3500	Human Physiology for Majors	5
<b>General Education Proficiency 2: Baccalaureate-Level Writing Requirement</b>	BIOS 3500		5
<b>Advance Interest Courses</b>	BIOS Advanced-Level Elective		3
<b>Capstone Course</b>	BIOS Capstone		3
<b>Cognate Requirement</b>	CHEM 1100, CHEM 1110, CHEM 1120, CHEM 1130, CHEM 3550, CHEM 3560, CHEM 3750, CHEM 3760, CHEM 3770, CHEM 3780		20
<b>Cognate Requirement</b>	MATH 1220 or MATH 2000 and STAT 2600 or STAT 3660		8
<b>Cognate Requirement</b>	PHYS 1130, PHYS 1140, PHYS 1150, PHYS 1160		10

**Total Credits**

65 KCC credits

46-70 WMU credits

**123+ Total Credits**

**Advising Notes**

KCC Contact: Academic Advisor 269-965-4124

[advising@kellogg.edu](mailto:advising@kellogg.edu)

WMU Contact: Academic Advisor 269-387-4366

<http://wmich.edu/arts-sciences/advising>

**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.