



USING THIS GUIDE:

This guide has been published to assist students in preparing for transfer to Webster University from East Central College in the areas of Biology and Exercise Science. This should not be used in place of individual academic advising. Students are strongly encouraged to meet with a Webster University transfer admissions counselor early in their academic career to ensure a smooth transfer experience.

DEGREE REQUIREMENTS:

Major Required Courses	66-84 credits
General Education/Global Citizenship Program*	27-30 credits
Electives	14-35 credits
Total	128 credits

DEPARTMENT OF BIOLOGICAL SCIENCES DEGREES & MAJORS:

MAJOR REQUIRED CREDITS:

B.A. Biology	66 credits
B.A. Biology with an emphasis in Biodiversity	70 credits
B.A. Biology with an emphasis in Education	76 credits
B.A. Biology with an emphasis in Health Sciences	72 credits
B.S. Biological Sciences	80 credits
B.S. Biological Sciences with an emphasis in Chemistry	82 credits
B.S. Biological Sciences with an emphasis in Health & Medicine	82 credits
B.S. Biological Sciences with an emphasis in Research & Technology	84 credits
B.S. Exercise Science (<i>new major</i>)	
<i>Transfer students will not be accepted into this major until fall 2015. Students interested in Exercise Science should speak with a transfer admissions counselor or the department about transfer options and availability.</i>	
	71 credits

***GENERAL EDUCATION/GLOBAL CITIZENSHIP PROGRAM:**

Webster University requires all baccalaureate students to complete a general education program. The University is implementing a new set of general education requirements. The Global Citizenship Program (GCP) is a set of undergraduate degree requirements and a general education program developed by Webster University faculty to help prepare students to confront global problems and 21st century challenges.

- Effective academic year 2014-2015, new transfer students with fewer than 75 transferrable college credit hours seeking a BA or BS degree will follow requirements of the Global Citizenship Program (GCP). *See GCP Transfer Guide developed for East Central College.*
- New transfer students with more than 75 transferrable college credit hours, or those seeking a BFA, BM, BMed, or BSN degree will remain under the previous General Education Program. *See General Education Transfer Guide developed for East Central College.*
- Effective academic year 2015-2016 and beyond, all new students will follow requirements of the GCP.

Students who complete an Associate of Arts (A.A.) degree or the CBHE-approved block of general education before

transferring to Webster University will have satisfied the general education requirements and FRSH 1200 First Year Seminar requirement of the GCP. All students are required to take the Global Keystone Seminar at Webster.

IMPORTANT TRANSFER NOTES:

- Webster has a minimum residency requirement that 30 of the student’s last 36 credits must be taken at Webster University. All students must have a minimum of 128 credit hours to graduate.
- Students must complete a minimum of 18 credits of required coursework at Webster within the Biological Sciences department, which should include BIOL 4400 (Research Methods), BIOL 4420 or 4430 (Senior Thesis), and 12 credits of 3000-4000 level courses in biology or chemistry. Required courses must be completed at Webster University once the student matriculates at Webster.
- Science courses taken more than 10 years ago may not count as the prerequisite for certain advanced courses.
- No more than 6 credit hours of independent study and/or reading courses may count toward the major required hours.
- Students must earn a grade of C- or better in any course they wish to apply toward their major or general education/GCP.
- Webster University provides full transfer of coursework successfully completed as part of an associate degree awarded by a regionally accredited institution. While students with associate degrees typically transfer 60-64 credit hours, Webster will transfer in all coursework that is part of the completed associate degree. Transfer of additional lower-division credit beyond the associate degree is restricted. All transfer credit is capped at 98 credit hours.
- All transfer coursework must be college-level (100-level or above) with a passing grade. Pass/Fail courses will count for transfer credit if the student received a Pass. For repeated courses only the second grade will be counted. Incomplete grades are not accepted in transfer. Courses completed with a grade of D have severe transfer restrictions. Formal evaluation of transfer credit is conducted by the Office of the Registrar upon admission to the University.

MISSOURI REVERSE TRANSFER:

Webster University will be participating in the [Missouri Reverse Transfer](#) statewide initiative to help more Missourians earn associate degrees. Webster will be partnering with each community college in the state to help students apply Webster University credit back to the community college to earn the associate degree, if they transferred prior to earning the degree. The program launches in fall 2014. Please speak with your transfer admissions counselor or academic advisor for more information.

COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES:

- Required core courses for the Bachelor of Arts (BA) Biology degree are marked with *.
- Required core courses for the Bachelor of Science (BS) Biological Sciences degree are marked with ^.
- Required core courses for the Bachelor of Science (BS) Exercise Science degree are marked with +.

Webster University Course	East Central College Course Equivalent
BIOL 1550, 1551 Essentials of Biology I*^+	BI 1325 Principles of Biology I Lecture & Lab
BIOL 1560, 1561 Essentials of Biology II*^	BI 1415 Principles of Biology II Lecture & Lab
BIOL 2010 Evolution*^	<i>No Equivalent</i>
BIOL 3050, 3051 Genetics*^	BI 2005 Genetics Lecture & Lab <i>This equivalency is valid for new transfer students entering Webster University with community college credit. Once a student begins to matriculate at Webster, all required courses are to be completed at Webster.</i>
BIOL 3080, 3081 Cell Biology^	BI 2045 Cell Biology Lecture & Lab <i>This equivalency is valid for new transfer students entering Webster University with community college credit. Once a student begins to matriculate at Webster, all required courses are to be completed at Webster.</i>
BIOL 3200, 3201 Ecology*	<i>No Equivalent.</i>
BIOL 4400 Research Methods*^+	<i>No Equivalent. Must be taken at Webster University.</i>

BIOL 4420 BA Senior Thesis* <i>or</i> BIOL 4430 BS Senior Thesis^+	<i>No Equivalent. Must be taken at Webster University.</i>
CHEM 1100, 1101 General Chemistry I*^+	CH 1305 General Chemistry I Lecture & Lab
CHEM 1110, 1111 General Chemistry II*^+	CH 1405 General Chemistry II Lecture & Lab
CHEM 2100, 2101 Organic Chemistry I*^	CH 2305 Organic Chemistry I Lecture & Lab
CHEM 2110, 2111 Organic Chemistry II^	CH 2415 Organic Chemistry II Lecture & Lab
CHEM 3100, 3101 Biochemistry I^	<i>No Equivalent</i>
MATH 1430 College Algebra*	MT 1403 College Algebra
MATH 1610 Calculus I^	MT 1605 Analytic Geometry & Calculus I
PSYC 2750 Intro to Measurement & Statistics* <i>or</i> MATH 3200 Statistics*^	<i>No Equivalent</i> <i>No Equivalent</i>
PHYS 1710, 1711 College Physics I*+	PH 1703, 1712 College Physics I Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
PHYS 1720, 1721 College Physics II*+	PH 1803, 1812 College Physics II Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
PHYS 2030, 2031 University Physics I^	PH 2103, 2112 General Physics I Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
PHYS 2040, 2041 University Physics II^	PH 2203, 2212 General Physics II Lecture/Lab <i>Student must take lecture and lab concurrently.</i>

ADDITIONAL COURSE EQUIVALENCIES:

Consult a current [Webster University catalog](#) for the specific requirements of your major before selecting additional courses. **Not all courses apply to all majors/emphases.**

Webster University Course	East Central College Course Equivalent
BIOL 3010, 3011 Anatomy & Physiology I	BI 2104 Human Anatomy & Physiology I Lecture & Lab <i>This equivalency is valid for new transfer students entering Webster University with community college credit. Once a student begins to matriculate at Webster, all required courses are to be completed at Webster.</i>
BIOL 3020, 3021 Anatomy & Physiology II	BI 2115 Human Anatomy & Physiology II Lecture/Lab <i>This equivalency is valid for new transfer students entering Webster University with community college credit. Once a student begins to matriculate at Webster, all required courses are to be completed at Webster.</i>
BIOL 3120, 3121 Microbiology	BI 2404 Microbiology Lecture & Lab <i>This equivalency is valid for new transfer students entering Webster University with community college credit. Once a student begins to matriculate at Webster, all required courses are to be completed at Webster.</i>
MATH 1620 Calculus II	MT 2105 Analytic Geometry & Calculus II
PSYC 2300 Developmental Psychology Across a Lifespan	PY 2403 Human Development
SCIN 1600, 1601 Physical Geology	GL 1103, 1112 Intro Physical Geology Lecture/Lab <i>Student must take lecture and lab concurrently.</i>

ELECTIVES:

Elective hours can consist of any college-level courses that are not already being applied to the major or general education requirements of the degree. Many students may choose to obtain a minor out of the required elective hours. Please note that all coursework applied to a minor must be completed at Webster University, with a grade of C- or better.

Webster University reserves the right to correct errors in these listings or to make revisions in degree requirements or course equivalencies without prior notice.