

**USING THIS GUIDE:**

This guide has been published to assist students in preparing for transfer to Webster University from St. Louis Community College in the areas of Biology, Chemistry, 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.

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	72 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. Chemistry	73 credits
B.S. Computational Biology	73 credits
B.S. Exercise Science	71 credits

DEGREE REQUIREMENTS:

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

GENERAL EDUCATION/GLOBAL CITIZENSHIP PROGRAM:

Webster University requires all baccalaureate students to complete a general education program. 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.

Students who complete an Associate of Arts (AA) degree or the CBHE CORE 42 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.

Students completing other associate degrees will have previous credits reviewed on a course-by-course basis for applicability to the GCP. See *GCP Transfer Guide developed for St. Louis Community College*.

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 or CHEM 4400 (Research Methods), BIOL 4420, BIOL 4430, BIOL 4440, or CHEM 4430 (Senior Thesis). 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 courses may count toward the required biology 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.

COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES:

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

Webster University Course	STLCC Course Equivalent
BIOL 1550, 1551 Essentials of Biology I*^+~	BIO 140 Principles of Biology I
BIOL 1560, 1561 Essentials of Biology II*^~	BIO 141 Principles of Biology II
BIOL 2010 Evolution*^~	<i>No Equivalent</i>
BIOL 3010, 3011 Anatomy & Physiology I +	BIO 207 Anatomy and Physiology I <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>
BIO 3020, 3021 Anatomy & Physiology II +	BIO 208 Anatomy and Physiology II <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 3050, 3051 Genetics*^~	BIO 225 Genetics <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^	No Equivalent
BIOL 3150 Nutrition +	DIT 115 Principles of Nutrition <i>or</i> DIT 214 Nutrition Through Life Cycle
BIOL 3200, 3201 Ecology*	No Equivalent
BIOL 4400 Research Methods*^+~	No Equivalent. Must be taken at Webster University.
BIOL 4420 BA Senior Thesis* <i>or</i> BIOL 4430 BS Senior Thesis^+~	No Equivalent. Must be taken at Webster University.
CHEM 1100, 1101 General Chemistry I*^+~#	CHM 105 General Chemistry I
CHEM 1110, 1111 General Chemistry II*^+~#	CHM 106 General Chemistry II
CHEM 2100, 2101 Organic Chemistry I*^~#	CHM 206, 210 Organic Chemistry I Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
CHEM 2110, 2111 Organic Chemistry II^~#	CHM 207, 211 Organic Chemistry II Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
CHEM 3100, 3101 Biochemistry I^~#	No Equivalent
EXSC 1318 Careers in Exercise Science +	No Equivalent
EXSC 1400 Foundations of Exercise Science +	No Equivalent
EXSC 2356 Principles of Athletic Training +	No Equivalent
EXSC 3050 Exercise Physiology +	No Equivalent
EXSC 3250 Exercise Kinesiology +	BIO 209 Kinesiology Fundamentals <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>
EXSC 4680 , 4681 Exercise Prescription & Testing +	No Equivalent
EXSC 4683 Exercise Prescription for Special Populations +	No Equivalent
EXSC 4875 Exercise Science Internship +	No Equivalent
HLSC 1582 Strength and Conditioning I +	No Equivalent
HLSC 1583 Strength and Conditioning II +	No Equivalent
MATH 1430 College Algebra*	MTH 160 Precalculus Algebra
MATH 1610 Calculus I^~#	MTH 210 Analytic Geometry and Calculus I
PSYC 2750 Intro to Measurement & Statistics* <i>or</i> MATH 3200 Statistics*^	No Equivalent No Equivalent
PHYS 1710, 1711 College Physics I*+	PHY 111 College Physics I
PHYS 1720, 1721 College Physics II*+	PHY 112 College Physics II
PHYS 2030, 2031 University Physics I^#	PHY 122 Engineering Physics I
PHYS 2040, 2041 University Physics II^#	PHY 223 Engineering Physics II
PSYC 2300 Lifespan Development +	PSY 205 Human Growth and Development
STAT 3100 Inferential Statistics +	No Equivalent

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.**

Webster University Course	STLCC Course Equivalent
BIOL 2200 Biological Basis of Animal Behavior	BIO 123 Animal Behavior
BIOL 2400 Zoology	BIO 110 General Zoology <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	BIO 203 General Microbiology I <i>or</i> BIO 218 Microbiology for Biotechnology <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>
COSC 1570 Math for Computer Science I	IS 112 Software and Hardware Concepts

COSC 2810 Systems Analysis and Design	IS 241 Systems Analysis and Design
MATH 1620 Calculus II	MTH 220 Analytic Geometry and Calculus II
PHIL 2340 Bioethics	PHL 109 Bio-Medical Ethics
PHIL 2360 Environmental Ethics	PHL 111 Environmental Ethics
SCIN 1010 Topics in Physical Science	PSI 123 Meteorology
SCIN 1100, 1101 Earth Science and the Environment	GEO 100, 101 Earth Science Lecture/Lab <i>Student must take lecture and lab concurrently.</i>
SCIN 1600, 1601 Physical Geology	GEO 111 Physical Geology

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.