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Webster University. All students must have a minimum of 128 credit hours to graduate.

- x 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.
- x Science courses taken more than 10 years ago may not count as the prerequisite for certain advanced courses
- x No more than 6 credit hours of independent study and/or reading courses may count toward the major required hours.
- x Students must earn a grade of C or better in any course they wish to apply toward their major or general education/GCP.
- x 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 credits applied at 98 credit hours.
- x All transfer coursework must be college level (100

BIOL 4400 Research Methods*^+~	No Equivalent. Must be taken at Webster University.
BIOL 4420 BA Senior Thesis*	No Equivalent. Must be taken at Webster University.
BIOL 4430 BS Senior Thesis^+~	
BIOL 4800 Computational Biology~	No Equivalent
CHEM 1100, 1101 General Chemistry I*^+~	CHM 115 General Chemistry I
CHEM 1110, 1111 General Chemistry II*^+~	CHM 116 General Chemistry II
CHEM 2100, 2101 Organic Chemistry I*^~	No Equivalent
CHEM 3100, 3101 Biochemistry I^	No Equivalent
COSC 1550 Computer Programming I~	CPT 182 Beginning Programming in C++
COSC 1560 Computer Programming II~	CPT 281 Advanced Programming in C++
COSC 1570 Math for Computer Science~	No Equivalent
COSC 2810 Systems Analysis and Design~	CPT 200 Systems Analysis and Design
COSC 4110 Database Concepts~	No Equivalent
HLSC 1352 Strength and Conditioning I+	No Equivalent
HLSC1353 Strength and Conditioning II+	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, 3051 Exercise Physiology+	No Equivalent
EXSC 3250 Exercise Kinesiology	No Equivalent
EXSC 4680, 4681 Exercise Testing and Prescription+	No Equivalent
EXSC 4683 Exercise Prescription for special Populations+	No Equivalent
EXSC 4875 Exercise Science Internship+	No Equivalent
MATH 1430 College Algebra*	MAT 162 College Algebra STEM Any of the three College Algebra courses offered by SCC would satisfy the requirement, but MAT 162 College Algebra for STEM would be recommended.
MATH 1610 Calculus I^~	MAT 180 Calculus and Analytic Geometry I
MATH 3610 Probability~	No Equivalent
PSYC 2750 Intro to Measurement & Statistics* or MATH 3200 Statistics*^	No Equivalent No Equivalent
PHYS 1710, 1711 College Physics I*+	PHY 150, 153 General Physics I Lecture/Lab Student must take lecture and lab concurrently.
PHYS 1720, 1721 College Physics II*+	PHY 151, 154 General Physics II Lecture/Lab Student must take lecture and lab concurrently.
PHYS 2030, 2031 University Physics I^	PHY 20 Engineering Physics I
PHYS 2040, 2041 University Physics II^	PHY 21 Engineering Physics II
PSYC 2300 Developmental Psychology Across the Lifespan+	PSY 210 Human Growth & 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	St Charles CC Course Equivalent
BIOL 3120, 3121 Microbiology	BIO 246 Microbiology 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.
CHEM 2110, 2111 Organic Chemistry II	CHM 241, 244 Organic Chemistry II/lab 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. Student must take lecture and lab concurrently.
MATH 1620 Calculus II	MAT 230 Calculus and Analytic Geometry II

ELECTIVES

Elective hours can consist of any college 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 better.