



**USING THIS GUIDE:**

This guide has been published to assist students in preparing for transfer to Webster University from Mineral Area College in the areas of Computer Science, Data Analytics, Mathematics, and Management Information Systems. 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 MATH & COMPUTER SCIENCE DEGREES & MAJORS:**

	<i>Required Credits in Major:</i>
<a href="#">B.S. Computer Science (no emphasis)</a>	51 credits
<a href="#">B.S. Computer Science with an emphasis in Cybersecurity</a>	54 credits
<a href="#">B.S. Data Analytics</a> <i>(available as online degree completion)</i>	36 credits
<a href="#">B.S. Mathematics</a>	51 credits
<a href="#">B.S. Mathematics (Pre-Engineering)</a>	48 credits
<a href="#">B.S. Management Information Systems</a>	57 credits

**WEBSTER ADMISSION REQUIREMENTS:**

When considering an application, Webster looks for evidence of potential for academic success. A cumulative GPA on all college level coursework of at least 2.5 on a 4.0 scale is preferred; however, each applicant is given individual consideration. If you have circumstances which might affect your admission this may be discussed confidentially with a member of the admissions staff. The University operates on rolling admission, and application files are reviewed by an admissions counselor as soon as all requested credentials have been received.

Each transfer applicant must submit:

- A completed [Application for Admission](#)
- \$35.00 non-refundable application fee
- An official transcript from Mineral Area College, and an official transcript from all other postsecondary institutions previously attended mailed to:

Webster University  
Office of Admission  
470 East Lockwood Avenue  
St. Louis, MO 63119

**WEBSTER DEGREE REQUIREMENTS:**

A minimum of **128** credit hours consisting of the following:

- Applicable University Global Citizenship Program hours
- Required credit hours for the Major
- Electives

**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.
- The Department of Mathematics & Computer Science requires that all upper-level (3000-4000) courses must be taken at Webster University.
- For Data Analytics majors, at least 18 of the required 36 credit hours must be taken at Webster University.
- For Mathematics majors, at least 30 of the required 51 mathematics credit hours must be taken at Webster University.
- For Mathematics (pre-engineering) majors, at least 30 of the required 48 mathematics credit hours must be taken at Webster University.
- Computer science courses taken more than 5 years ago will be reviewed by the academic department on a course-by-course basis to determine if they may apply toward requirements of the major.
- 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 is participating in the [Missouri Reverse Transfer](#) statewide initiative to help more Missourians earn associate degrees. Webster has partnered 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. Please speak with your transfer admissions counselor or academic advisor for more information.

**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 21<sup>st</sup> century challenges.

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

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 Mineral Area College.*

**COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES--- MATHEMATICS AND MATHEMATICS (PRE-ENGINEERING)\*:**

Webster University Course	Mineral Area College Course Equivalent
MATH 1610 Calculus I	MAT 1650 Analytic Geometry and Calculus I
MATH 1620 Calculus II	MAT 2150 Analytical Geometry and Calculus II
MATH 2450 Intro to Abstract Mathematics	<i>No Equivalent</i>

*\*Students planning on pursuing the Mathematics (Pre-Engineering) degree should consult with a faculty member within the department of Math & Computer Science at Webster University. Requirements may vary depending on interested engineering degree.*

**COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES--- COMPUTER SCIENCE & COMPUTER SCIENCE WITH CYBERSECURITY:**

Webster University Course	Mineral Area College Course Equivalent
COSC 1550 Computer Programming I	CSC 2400 Computer Programming in C++ <i>Must be completed with a grade of B- or better</i>
COSC 2670 Network Principles	CIS 1870 Internetworking I <i>and</i> CIS 1890 Internetworking II

**COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES--- DATA ANALYTICS:**

Webster University Course	Mineral Area College Course Equivalent
STAT 1100 Descriptive Statistics	BUS 2430 Introductory Statistics <i>or</i> MGT 1560 Statistics
COAP 2560 Electronic Spreadsheet	CIS 2200 Microcomputer Spreadsheet Applications
MATH 1360 Business Mathematics	MGT 1800 Business Mathematics

**COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES--- MANAGEMENT INFORMATION SYSTEMS:**

Webster University Course	Mineral Area College Course Equivalent
COSC 1550 Computer Programming I	CSC 2400 Computer Programming in C++ <i>Must be completed with a grade of B- or better</i>
COSC 2670 Network Principles	CIS 1870 Internetworking I <i>and</i> CIS 1890 Internetworking II
ACCT 2025 Managerial Accounting	MGT 2062 Managerial Accounting
ECON 2000 Survey of Economics	BUS 2930 Principles of Macroeconomics <i>and</i> BUS 2940 Principles of Microeconomics
MNGT 2100 Management Theory and Practices	BUS 2100 Fundamentals of Management
STAT 1100 Descriptive Statistics	BUS 2430 Introductory Statistics <i>or</i> MGT 1560 Statistics

**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	Mineral Area College Course Equivalent
ACCT 2010 Financial Accounting	BUS 2000 Principles of Accounting I
ACCT 2025 Managerial Accounting	MGT 2062 Managerial Accounting
COAP 2100 Web Technology Principles	CIS 2400 Web Page Development
COAP 2130 Web Scripting	CSC 2420 JavaScript Programming
ECON 2000 Survey of Economics	BUS 2930 Principles of Macroeconomics <i>and</i> BUS 2940 Principles of Microeconomics
MNGT 2100 Management Theory and Practices	BUS 2100 Fundamentals of Management
PHYS 2030 University Physics I	PHS 2230 General Physics I
PHY 2031 University Physics I Lab	
PHYS 2040 University Physics II	PHS 2240 General Physics II
PHYS 2041 University Physics II Lab	

**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.**