



USING THIS GUIDE:

This guide has been published to assist students in preparing for transfer to Webster University from Cypress Community College in the area of Computer 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.

ABOUT THE DEPARTMENT OF COMPUTER SCIENCE:

The Bachelor of Science degree in computer science with an emphasis in cybersecurity is designed around identified core knowledge areas of computer science. Students will also study foundational cybersecurity concepts. The program includes theoretical and practical approaches to prepare students entering the cybersecurity workforce or to continue their education in a professional graduate degree program.

WEBSTER ADMISSION REQUIREMENTS:

Applicants to Webster's degree completion programs should have successfully completed an associate degree or at least two years of college-level work (56 semester hours) with a cumulative grade point average (GPA) of 2.5 on a 4.0 scale. Transfer coursework should include at least one college-level writing/composition class and one college-level mathematics course. While the above profile is recommended, each applicant will be given a thorough individual review. When considering an application, Webster looks for evidence of potential for academic success.

Each transfer applicant must submit:

- A completed [Application for Admission](#)
- \$35.00 non-refundable application fee
- An official transcript from Cypress Community 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.
- No more than one course completed with a grade of D may count toward fulfilling the specific requirements of

the major. All General Education/GCP courses must be completed with a C or higher.

- 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.

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's degree from the state of California 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.

COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES IN COMPUTER SCIENCE:

Webster University Course	CCC Course Equivalent
COSC 1550 Computer Programming I (3 hours)	CIS 223 C Visual C++ Programming (3 hours) <i>Must be completed with a grade of B or better.</i>
COSC 2670 Network Principles (3 hours)	CIS 230 C CISCO Networking I (3 hours) <i>and</i> CIS 231 C CISCO Networking II (3 hours)
COSC 2710 Social Engineering and Society (3 hours)	CIS 278 C Cyber Crime (3 hours)

COURSE EQUIVALENCIES FOR REQUIRED CORE COURSES IN COMPUTER SCIENCE WITH CYBERSECURITY:

Webster University Course	CCC Course Equivalent
COSC 1550 Computer Programming I (3 hours)	CIS 223 C Visual C++ Programming (3 hours) <i>Must be completed with a grade of B or better.</i>
COSC 2670 Network Principles (3 hours)	CIS 230 C CISCO Networking I (3 hours) <i>and</i> CIS 231 C CISCO Networking 2 (3 hours)
COSC 2710 Social Engineering and Society (3 hours)	CIS 278 C Cyber Crime (3 hours)
CSSS 2410 Cybersecurity & Internet Arch. (3 hours)	CIS 195 C Network Security (3 hours)
CSSS 2510 Cyber Attacks and Defenses (3 hours)	CIS 196 C Ethical Hacking (3 hours)

ELECTIVES:

These courses have Webster equivalents but do not count towards the major. They will count towards general electives.

Webster University Course	CCC Course Equivalent
COSC 2050 Introduction to Java (3 hours)	CIS 226 C Java Programming (3 hours)
COSC 2060 Advanced Java (3 hours)	CIS 234 C Advanced Java Programming (3 hours)
COSC 2110 Programming Languages (3 hours)	CIS 244 C Java for Game Programming (3 hours) CIS 245 C Perl Programming (3 hours) CIS 246 C PHP Programming (3 hours) CIS 247 C Python Programming (3 hours)

Elective hours can consist of any college-level courses that are not already being applied to the major or global citizenship program requirements of the degree, taken to reach the required 128 hours for graduation. Many students may choose to obtain a minor out of the required elective hours. Please keep in mind that any course applied to a minor must be taken at Webster University, with a grade of C- or better. For students seeking to complete a minor at an extended campus, course offerings may be limited. Please meet with your academic advisor to discuss options.

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