

BACHELOR OF PROFESSIONAL STUDIES WITH A MAJOR IN CYBERSECURITY (STEM)

Program Director: S. White

From the Equifax breach to interference in the 2016 U.S. presidential election, no target has proven too big for cyberspace's bad actors. And as thousands of would-be criminals, terrorists, and spies use their knowledge to exploit vulnerabilities worldwide, those who wear the white hat need to stay a step ahead in safeguarding society.

GW's bachelor's degree completion program in cybersecurity combines highly technical, hands-on curriculum in labs and virtual environments with invaluable collaboration with government agencies, private companies, and the military experts fighting every day on cyberspace's front lines. Designed for those with associate's, applied associate's, or non-technical bachelor's degrees who are looking to advance in the field, students learn the ins and outs of attack tools, IT defense countermeasures, encryption, and more to help solve the toughest problems in cyberspace.

This is a STEM designated program.

Visit the program website (<https://cps.gwu.edu/cybersecurity-bachelors/>) for additional information.

ADMISSIONS

Admission deadlines: Fall Priority Deadline - March 1; Fall Final Deadline: July 31

Recommendations required: Two letters of recommendation (professional and/or academic references, preferably one from a current supervisor)

Prior academic records: Transcripts are required from all institutions attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.

Transcripts from institutions outside the United States must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grade-point average (GPA), United States degree equivalency, and date of degree conferral. Please see the list of acceptable foreign credential evaluation services: <http://www.naces.org/members> (<http://www.naces.org/members/>).

Statement of purpose: Please submit a 250-500 word essay on your purpose for applying to study at GW. Please describe your relevant qualifications and academic objectives and address the specific program you are applying to as well as any concentration, if applicable. This is an opportunity to expand upon or address anything not covered in the rest of your application.

International applicants only: Please review International Applicant Information (<https://graduate.admissions.gwu.edu/international-student-application-requirements>) (<https://graduate.admissions.gwu.edu/international-student-application-requirements/>) carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language requirements.

Supporting documents not submitted online should be mailed to:

College of Professional Studies – Office of Admission
George Washington University
805 21st Street, NW
Suite 301
Washington DC 20052

Contact for questions:

CPS Office of Admission
applycps@gwu.edu ~ 571-553-0025 (phone) ~ 202-242-1047 (fax)

8:30 am – 5:00 pm EST, Monday through Friday

REQUIREMENTS

The following requirements must be fulfilled: 120 credits, including 21 or 22 credits in general education courses and 38 credits in elective courses, which may be completed at any regionally accredited institution; and 60 credits in core courses, which must be taken at GW.

Code	Title	Credits
General education *		
A minimum of 21 or 22 credits in general education coursework, including the following:		
	6 credits in English composition	
	3 credits in quantitative reasoning (must be in mathematics or statistics)	
	3 to 4 credits in natural and/or physical science with a lab	
	3 credits in critical thinking in the humanities	
	6 credits in critical thinking, quantitative reasoning, or scientific reasoning in the social sciences	
	One course that has an approved oral communication component	**

Electives *

38 credits in elective courses.

60 credits in core courses for the major, which must be taken at GW

PSCS 2301	Cyber Investigation
PSCS 2302	Digital Forensics
PSCS 2303	Compliance and Risk Management
PSCS 2304	Incident Response
PSCS 3100	Principles of Cybersecurity
PSCS 3103	Ethics, Law, and Policy **
PSCS 3107	IP Security and VPN Technology
PSCS 3109	Network Security
PSCS 3110	Cloud Security
PSCS 3111	Information Technology Security System Audits
PSCS 3113	Topics in IT Security Defense Countermeasures
PSCS 3117	Project Management in Information Technology
PSCS 4102	Intrusion Detection and Vulnerability Management
PSCS 4110	Data Communication and Networking Technologies
PSCS 4202	Cyber Attack Tools and Techniques

* General education and elective courses may be completed at any regionally accredited institution. A minimum grade of C is required for transfer credit to be approved; grades of C- and below are not acceptable. General education and elective coursework must be completed before beginning the bachelor's degree program.

** PSCS 3103 fulfills the University General Education requirement for one approved course in oral communication.