BACHELOR OF PROFESSIONAL STUDIES WITH A MAJOR IN INFORMATION TECHNOLOGY

Program Director *J. Garrett (Interim)*

The bachelor of professional studies with a major in information technology (IT) program offers a unique educational opportunity for working professionals and community college graduates who wish to complete a bachelor's degree. Through an innovative curriculum that combines science, technology, and business, the program prepares students for the IT industry with strong scientific foundations and hands-on practice.

The IT program can be completed within two academic years (four semesters and one summer session). Students graduate with a firm grounding in problem solving, analytical thinking, written communication, and technical knowledge in information technology and computing. The knowledge acquired in the program is relevant to a number of fields, such as information technology, technology management and consulting, network administration and network security, health IT, and data analytics.

See the program website (http://cps.gwu.edu/bachelors-completion/) for additional information.

REQUIREMENTS

The BPS in information technology is a degree completion program that requires successful completion of 120 credits, 60 of which must be completed at GW. Up to 60 credits can be transferred from coursework taken at other regionally accredited institutions of higher education. The program is designed for individuals who currently hold an associate's degree or have earned at least 60 credits towards their undergraduate degree.

Students completing this program will have satisfied GW's university-wide general education requirement, which includes 22 credits in the following areas:

Mathematics or statistics (3 credits)
Natural or physical science with lab (4 credits)
Humanities (3 credits)
Social and behavioral sciences (6 credits)
Written communication or composition (6 credits)

Code	Title	Credits
Required		
Foundational courses		
PSIS 2101	Writing and Communication in the IT Field I	
PSIS 2102	Writing and Communication in the IT Field II	
PSIS 2103	Statistical Sciences and Data Analysis I	
PSIS 2104	Statistical Sciences and Data Analysis II	
PSIS 2105	Programming and Computing Foundations I	
PSIS 2106	Programming and Computing Foundations II	
PSIS 3122	Ethics in Science and Technology	
PSIS 4142	Relational Databases and Their Design	
PSIS 4191	Capstone Project and Senior Thesis I	
PSIS 4192	Capstone Project and Senior Thesis II	
Core courses [*]		
6 courses (24 credits) selected from the following:		
PSIS 4137	Alternative Energy Sources	
PSIS 4138	Introduction to Health Information Technology	
PSIS 4141	Computer and Telecommunication Networks	
PSIS 4144	Information and Network Security	
PSIS 4145	Software Systems Development Processes	
PSIS 4152	Entrepreneurship and Technology Venture Creation	
PSIS 4161	Data Visualization	
PSIS 4195	Undergraduate Research	
PSIS 4199	Special Topics	

*Not all core courses are offered each year. See department for course availability.