

COURSE REQUIREMENTS

Complete at VCCS				Complete at GW College of Professional Studies		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
Can count towards the required 38 hours of electives <i>Any credits transferred that do not count toward GW GPAC (Gen. ed. requirements) will be counted towards the 38 required hours in electives.</i>	1-2	SDV 100 College Success Skills or 101 Orientation		PSIS 2101W Writing and Communication in IT	4	
1 course in written communication or composition	3	ENG 111 College Comp I		PSIS 2102W Technical Writing*	4	*PSIS 2102W fulfills the University general education requirement for one approved course in oral communication
1 course in written communication or composition	3	ENG 112 College Comp II or ENG 113 Technical-Professional Writing		PSIS 2103 Statistical Sciences and Data Analysis	4	
1 course in arts or humanities	3	Any UCGS Art or Literature		PSIS 2104 Data Analysis and Programming	4	
1 course in behavioral or social science	3	HUM 201/202, HUM 210, HUM 216, REL 230 Humanities Course	GW: The humanities courses listed here are considered social sciences at GW, therefore fulfilling the first social sciences requirement.	PSIS 2105 Programming and Computing Foundations I	4	

1 course in behavioral or social science	3	Any UCGS Social & Behavioral Science (not History)		PSIS 2106 Programming and Computing Foundations II	4	
1 course in physical or natural science with lab	4	Any UCGS Natural Sciences		PSIS 3122 Emerging Technologies and Ethical Impacts	4	
1 course in quantitative and logical reasoning (must be in mathematics or statistics)	3	MTH 245 Statistics		PSIS 4142 Relational Databases and Their Design	4	
Can count towards the required 38 hours of electives <i>Any credits transferred that do not count toward GW GPAC (Gen. ed. requirements) will be counted towards the 38 required hours in electives.</i>	3	Any UCGS History	GW: The College of Professional Studies accepts history courses as social science credit on a case-by-case basis.	PSIS 4191 Capstone Project and Senior Thesis I	4	
	3	CST 100 Principles of Public Speaking or CST 110 Introduction to Human Communication		PSIS 4192 Capstone Projects and Senior Thesis II	4	
	3-4	Any UCGS course		24 credits in courses from the following: PSIS 3101 Agile Methodologies PSIS 4101 Cloud Technologies PSIS 4102 Cloud Architecture PSIS 4144 Information and Network Security	24	

				PSIS 4145 Software Systems Development Processes PSIS 4160 Introduction to Data Science PSIS 4161 Data Visualization PSIS 4162 Data Mining and Web Analytics PSIS 4163 Big Data Fundamentals PSIS 4195 Undergraduate Research PSIS 4199 Special Topics in IT (varies by semester)		
	3-4	Select one course from: ITP 120 Java Programming I* ITP 150 Python Programming* CSC 221 Introduction to Problem Solving and Programming				
	3	Select one course from: MTH 283 Probability & Statistics (prereq. MTH 264), MTH 288 Discrete Math (prereq. MTH 263), or CSC 208 Introduction Discrete Structures				
	3-4	Select one course from:				

		ITN 100 Introduction to Telecommunications or ITN 101 Introduction to Network Concepts				
	12-16	Select 4-5 courses from: CSC 205 Computer Organization CSC 222 Object-Oriented Programming ITD 256 Advanced Database Management ITE 100 Introduction to Information Systems ITE 170 Multimedia Software ITE 221 PC Hardware and OS Architecture ITN 170 Linux System Administration ITN 208 Protocols and Communications TCP/IP ITN 260 Network Security Basics ITN 262 Network Communication, Security and Authentication Additional course from previous rows.				
	Up to 9	Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry), World Languages, other college requirements, or additional transfer electives.				
CREDITS PRE-TRANSFER: 60-62 (only 60 will be accepted to GWU)				CREDITS POST-TRANSFER: 60		

TRANSFER GUIDANCE

IMPORTANT LINKS:

- [IT Program Website](#)
- **GW College of Professional Studies:** <https://www.cps.gwu.edu/>
- **Register Intent to Transfer:** Please create an account through the www.TransferVirginia.org portal and click College Connect to indicate your intent to use this application to George Washington University.
- **Admissions Info:** <https://www.cps.gwu.edu/undergraduate-admissions>
- **Financial Aid:** <https://financialaid.gwu.edu/>
- **FAFSA - Free Application for Federal Student Aid:** <https://studentaid.gov/>

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Students will work with a dedicated GW advisor regarding course selections.
- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, and complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center www.TransferVirginia.org
- Connect with an advisor at your community college and GW College of Professional Studies within your first year. College Connect available in your account of www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- Designed to give students a comprehensive perspective of the technology industry and competitive edge in their career growth.
- Students gain skills to succeed in a number of fields including Information Systems, Technology Management and Consulting, Network Administration, and more.

WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- Students are eligible to transfer credits of transferable coursework from their Associate degree
- Transfer credit may include dual enrollment coursework from completion of an Associate Degree in HS. It may also be considered for Advanced Placement (AP), International Baccalaureate Credit (IB), College Level Examination Program (CLEP exams) and potentially Credit for Prior Learning.
- No more than 60 credits from a regionally accredited institution may be accepted for transfer.
- Please refer to GW [Undergraduate Admissions](#) for information about maximum credits, minimum scores, and GW course equivalents for AP and IB credits.

IS THIS COLLEGE RIGHT FOR ME?

- Easily transfer current college credits including DE, AP and IB credits.
- Flexible program models in-person and online to accommodate busy lives and adult learners.
- Active Career Services department that provides 1:1 coaching and access to internship, job, and networking opportunities.
- Career advising remains available to alumni for their whole career.
- Fully accredited by the [Middle States Commission on Higher Education \(MSCHE\)](#).
- Discounted GW tuition rates for CPS undergraduate programs.

Learn more about our college at <https://cps.gwu.edu/>

DID YOU KNOW THAT...

- Qualified students may be eligible for the Federal Pell Grant, Virginia Tuition Assistance Grant and/or Virginia Two-Year Transfer Grant.
- Our classes have fewer than 20 students and allow for professor interaction.
- We accept Fall and Spring applicants. Summer starts are also considered.

WHAT CAN I DO WITH THIS DEGREE?

- Our BPS IT program offers a solid foundation for working in the IT industry, particularly in the fields of software development, cloud computing, and data analytics.
- Our BPS IT program offers two dual degree programs in which 3 of our courses count towards the completion of an MS in IST with the GWU School of Business or an MPS in CyberSecurity Strategy & Information Management with the GW College of Professional Studies.
- With our offering of Python programming, statistics, and more, our courses contribute to foundations in AI, machine learning, and data science.

PROGRAM SUCCESSES & HIGHLIGHTS

- Bachelor's degree in information technology that includes 60-credits to be completed in just 5 semesters.
- We offer a structured class schedule that includes two weekday evening class sessions and Saturday morning, to allow for daytime employment.
- Opportunity for students to specialize their study in AI & Machine Learning.
- Course topics include: Python, Cloud, Database, SQL, Statistics with R, Data Visualization, Intro to AI & Machine Learning, Security, Software Development, Agile Project Management, Technical Writing, Capstone Project of your choice.