

Cybersecurity (BCSY) Tracking Sheet Catalog Year 2020-2021

Note: This is an example schedule; many courses are offered in other semesters (see reverse side). If you overload, withdraw, transfer, or fail courses, meet with your advisor to build a viable schedule.

Fall	Spring	Summer																												
<p>Freshman (0-31 earned hours) R-L-C†</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>COMP1100</td><td>Introduction to Networks</td><td style="text-align: right;">3-2-4</td></tr> <tr><td>COMP1000</td><td>Computer Science I</td><td style="text-align: right;">3-2-4</td></tr> <tr><td>MATH2300</td><td>Discrete Math</td><td style="text-align: right;">4-0-4</td></tr> <tr><td>ENGLISH</td><td>English Sequence</td><td style="text-align: right;">4-0-4</td></tr> </table>	COMP1100	Introduction to Networks	3-2-4	COMP1000	Computer Science I	3-2-4	MATH2300	Discrete Math	4-0-4	ENGLISH	English Sequence	4-0-4	<p>R-L-C†</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>COMP2500</td><td>Security Principles</td><td style="text-align: right;">3-2-4</td></tr> <tr><td>COMP1050</td><td>Computer Science II</td><td style="text-align: right;">3-2-4</td></tr> <tr><td>MATH1775</td><td>Integrated Eng Calculus I</td><td style="text-align: right;">3-2-4</td></tr> <tr><td>ENGLISH</td><td>English Sequence</td><td style="text-align: right;">4-0-4</td></tr> </table>	COMP2500	Security Principles	3-2-4	COMP1050	Computer Science II	3-2-4	MATH1775	Integrated Eng Calculus I	3-2-4	ENGLISH	English Sequence	4-0-4	<table border="1" style="width: 100%; height: 100px; border-collapse: collapse;"> <tr><td style="text-align: center;"> </td></tr> </table>				
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†R-L-C means Recitation, Lab, and Credit hours

Updated: July 2020

Notes	Registration and Degree Troubleshooting ⁶	Important Contacts (other than your advisor)																																
<p>¹At least one elective must be from the social sciences (COMM, ECON, POLS, PSYC, SOCL); at least one elective must be from the humanities (HIST, HUMN, LITR, PHIL); one selection must be an Ethics course</p> <p>²Choose from BIOL1100, BIOL1700, BIOL2200, BIOL3000, CHEM1100, CHEM1600, PHYS1250, PHYS1750, PHYS2000, and any course that is part of the Applied Math Minor.</p> <p>³Choose COMP3590 or MATH2425.</p> <p>^{4,5} See reverse side for lists.</p> <p>⁶See your degree audit and advisor first; the dept coordinator has forms</p>	<p>If you cannot register for a course before or during Drop/Add period:</p> <p style="padding-left: 20px;">Freshmen: obtain a registration code from your advisor</p> <p style="padding-left: 20px;">For time conflicts or overloads, submit a registration override form</p> <p style="padding-left: 20px;">For COMP courses, submit an override authorization form</p> <p>To drop or add a course after Drop/Add period has ended:</p> <p style="padding-left: 20px;">Submit a course withdrawal form or a late registration form</p> <p>For courses not used in your degree, submit a course substitution form</p> <p>For other degree issues, visit the student service center</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>COMP</td><td>Dave Albanese</td><td>Dept Coordinator</td><td style="text-align: right;">x4272</td></tr> <tr><td>COMP</td><td>Charlie Wiseman</td><td>Dept Chair</td><td style="text-align: right;">x4704</td></tr> <tr><td>NON-COMP</td><td>Lisa Manness</td><td>Beatty 304</td><td style="text-align: right;">x4370</td></tr> <tr><td>Transfer</td><td>James Smith</td><td>Williston 101</td><td style="text-align: right;">x4395</td></tr> <tr><td>COOP</td><td>Sara Dell</td><td>Wentworth 101</td><td style="text-align: right;">x4132</td></tr> <tr><td>HUSS</td><td>Ron Bernier</td><td>Beatty 407</td><td style="text-align: right;">x4353</td></tr> <tr><td>MATH</td><td>Mark Mixer</td><td>Ira Allen 319</td><td style="text-align: right;">x4394</td></tr> <tr><td>MORE</td><td>See:</td><td colspan="2" style="text-align: right;">https://wit.edu/wentworth-directory</td></tr> </table>	COMP	Dave Albanese	Dept Coordinator	x4272	COMP	Charlie Wiseman	Dept Chair	x4704	NON-COMP	Lisa Manness	Beatty 304	x4370	Transfer	James Smith	Williston 101	x4395	COOP	Sara Dell	Wentworth 101	x4132	HUSS	Ron Bernier	Beatty 407	x4353	MATH	Mark Mixer	Ira Allen 319	x4394	MORE	See:	https://wit.edu/wentworth-directory	
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Cybersecurity (BSCY) Tracking Sheet Catalog Year 2020-2021

Please consult the latest version of this document before scheduling electives, as offerings (and semester availability) may change without notice.

BSCY Requirements

	Fall	Spring	Summer
COMP1100 Introduction to Networks	•	•	
COMP1000 Computer Science I	•	•	•
MATH2300 Discrete Math	•	•	•
COMP2500 Security Principles	•	•	
COMP1050 Computer Science II	•	•	•
MATH1775 Integrated Eng Calc I	•	•	
MGMT2560 Cybersec Law & Policy	•		
COMP2000 Data Structures	•	•	•
COMP1200 Computer Organization	•	•	
MATH1875 Integrated Eng Calc II	•	•	
COMP2150 Network Administration		•	
COMP2350 Algorithms	•	•	•
MATH2860 Linear Algebra & Matrix Theory	•	•	
COMP3500 Network Security	•		
COMP3100 System Administration	•	•	
COMP3400 Operating Systems	•		
COMP3550 Computer Security			•
MATH2100 Prob & Stats for Engineers		•	•
COMP4500 Offensive Security		•	
COMP4550 Incident Response			•
COMP5500 Senior Project			•

Cybersecurity Electives*

COMP3575	Scripting for Cybersecurity
COMP3580	Digital Forensics
COMP3590	Applied Cryptography
COMP4580	Network Forensics
COMP4590	Public Key Cryptography
ELEC4025	Hardware Security
MATH2425	Cryptology

Computing Electives*

COMP1150	Routing and Switching
COMP2160	Wireless Networks
COMP3125	Data Science Fundamentals
COMP3660	Mobile App Development
COMP3750	Intro to Biostatistics
COMP4050	Machine Learning
COMP4150	Advanced System Admin
COMP4650	Web Development
COMP4700	Artificial Intelligence
COMP4750	Embedded AI
COMP4775	Advanced Parallel Computing
COMP4950	Project Management
COMP4960	Software Engineering

Elective Notes

- * Check the course catalog for prerequisite and scheduling information for individual electives
- This list is not exhaustive; see your advisor if you need assistance identifying electives
- Independent/external studies require department approval
- Special topics courses require department approval to count as electives

Prerequisite Flowchart

