

# Computer Networking (BSCN) Tracking Sheet Catalog Year 2017-2018

**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><b>Freshman (0-31 earned hours)</b> <span style="float: right;">R-L-C†</span></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%;">COMP1100 Introduction to Networks</td> <td style="width: 17%;">3-2-4</td> <td style="width: 17%;">COMP1150 Routing and Switching</td> <td style="width: 17%;">3-2-4</td> </tr> <tr> <td>COMP1000 Computer Science I</td> <td>3-2-4</td> <td>COMP1050 Computer Science II</td> <td>3-2-4</td> </tr> <tr> <td>ENGLISH English Sequence</td> <td>4-0-4</td> <td>ENGLISH English Sequence</td> <td>4-0-4</td> </tr> <tr> <td>MATH1500 Precalculus</td> <td>4-0-4</td> <td>MATH2300 Discrete Math</td> <td>4-0-4</td> </tr> </table>			COMP1100 Introduction to Networks	3-2-4	COMP1150 Routing and Switching	3-2-4	COMP1000 Computer Science I	3-2-4	COMP1050 Computer Science II	3-2-4	ENGLISH English Sequence	4-0-4	ENGLISH English Sequence	4-0-4	MATH1500 Precalculus	4-0-4	MATH2300 Discrete Math	4-0-4													
COMP1100 Introduction to Networks	3-2-4	COMP1150 Routing and Switching	3-2-4																												
COMP1000 Computer Science I	3-2-4	COMP1050 Computer Science II	3-2-4																												
ENGLISH English Sequence	4-0-4	ENGLISH English Sequence	4-0-4																												
MATH1500 Precalculus	4-0-4	MATH2300 Discrete Math	4-0-4																												
<p><b>Sophomore (32-63 earned hours)</b> <span style="float: right;">R-L-C†</span></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">COMP1200 Computer Organization</td> <td style="width: 17%;">3-2-4</td> <td style="width: 33%;">COMP2650 Databases</td> <td style="width: 17%;">3-2-4</td> <td rowspan="4" style="width: 33%; vertical-align: top;">COOP3000 Pre Co-op Work Term (Optional)</td> </tr> <tr> <td>COMP2500 Security Principles</td> <td>3-2-4</td> <td>COMP2150 Network Administration</td> <td>3-2-4</td> </tr> <tr> <td>HUSS Humanities/Social Science Elective<sup>1</sup></td> <td>4-0-4</td> <td>COMP2160 Wireless Networks</td> <td>3-2-4</td> </tr> <tr> <td>MATH1030 Statistics and Applications</td> <td>4-0-4</td> <td>HUSS Humanities/Social Science Elective<sup>1</sup></td> <td>4-0-4</td> </tr> </table>			COMP1200 Computer Organization	3-2-4	COMP2650 Databases	3-2-4	COOP3000 Pre Co-op Work Term (Optional)	COMP2500 Security Principles	3-2-4	COMP2150 Network Administration	3-2-4	HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4	COMP2160 Wireless Networks	3-2-4	MATH1030 Statistics and Applications	4-0-4	HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4												
COMP1200 Computer Organization	3-2-4	COMP2650 Databases	3-2-4	COOP3000 Pre Co-op Work Term (Optional)																											
COMP2500 Security Principles	3-2-4	COMP2150 Network Administration	3-2-4																												
HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4	COMP2160 Wireless Networks	3-2-4																												
MATH1030 Statistics and Applications	4-0-4	HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4																												
<p><b>Junior (64-95 earned hours)</b> <span style="float: right;">R-L-C†</span></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">COMP3500 Network Security</td> <td style="width: 17%;">3-2-4</td> <td style="width: 33%;">COOP3500 Co-op Education 1 (Required)</td> <td style="width: 17%;"></td> <td style="width: 33%; text-align: right;">R-L-C†</td> </tr> <tr> <td>COMP3100 System Administration</td> <td>3-2-4</td> <td></td> <td></td> <td>COMP3550 Computer Security</td> <td>3-2-4</td> </tr> <tr> <td>COMP Computer Networking Elective<sup>2</sup></td> <td>3-2-4</td> <td></td> <td></td> <td>COMP Computer Networking Elective<sup>2</sup></td> <td>3-2-4</td> </tr> <tr> <td>HUSS Humanities/Social Science Elective<sup>1</sup></td> <td>4-0-4</td> <td></td> <td></td> <td>HUSS Humanities/Social Science Elective<sup>1</sup></td> <td>4-0-4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>MATH1900 Intro to Operations Research</td> <td>4-0-4</td> </tr> </table>			COMP3500 Network Security	3-2-4	COOP3500 Co-op Education 1 (Required)		R-L-C†	COMP3100 System Administration	3-2-4			COMP3550 Computer Security	3-2-4	COMP Computer Networking Elective <sup>2</sup>	3-2-4			COMP Computer Networking Elective <sup>2</sup>	3-2-4	HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4			HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4					MATH1900 Intro to Operations Research	4-0-4
COMP3500 Network Security	3-2-4	COOP3500 Co-op Education 1 (Required)		R-L-C†																											
COMP3100 System Administration	3-2-4			COMP3550 Computer Security	3-2-4																										
COMP Computer Networking Elective <sup>2</sup>	3-2-4			COMP Computer Networking Elective <sup>2</sup>	3-2-4																										
HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4			HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4																										
				MATH1900 Intro to Operations Research	4-0-4																										
<p><b>Senior (96+ earned hours)</b> <span style="float: right;">R-L-C†</span></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">COOP4500 Co-op Education 2 (Required)</td> <td style="width: 17%;"></td> <td style="width: 33%;">COMP4950 Project Management</td> <td style="width: 17%;">3-2-4</td> <td style="width: 33%; text-align: right;">R-L-C†</td> </tr> <tr> <td></td> <td></td> <td>COMP4650 Web Development</td> <td>3-2-4</td> <td>COMP5500 Senior Project</td> <td>1-6-4</td> </tr> <tr> <td></td> <td></td> <td>COMP Computer Networking Elective<sup>2</sup></td> <td>3-2-4</td> <td>COMP Computer Networking Elective<sup>2</sup></td> <td>3-2-4</td> </tr> <tr> <td></td> <td></td> <td>HUSS Humanities/Social Science Elective<sup>1</sup></td> <td>4-0-4</td> <td>COMP Advanced Security Elective<sup>3</sup></td> <td>3-2-4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>SCIENCE Science Elective<sup>4</sup></td> <td>3-2-4</td> </tr> </table>			COOP4500 Co-op Education 2 (Required)		COMP4950 Project Management	3-2-4	R-L-C†			COMP4650 Web Development	3-2-4	COMP5500 Senior Project	1-6-4			COMP Computer Networking Elective <sup>2</sup>	3-2-4	COMP Computer Networking Elective <sup>2</sup>	3-2-4			HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4	COMP Advanced Security Elective <sup>3</sup>	3-2-4					SCIENCE Science Elective <sup>4</sup>	3-2-4
COOP4500 Co-op Education 2 (Required)		COMP4950 Project Management	3-2-4	R-L-C†																											
		COMP4650 Web Development	3-2-4	COMP5500 Senior Project	1-6-4																										
		COMP Computer Networking Elective <sup>2</sup>	3-2-4	COMP Computer Networking Elective <sup>2</sup>	3-2-4																										
		HUSS Humanities/Social Science Elective <sup>1</sup>	4-0-4	COMP Advanced Security Elective <sup>3</sup>	3-2-4																										
				SCIENCE Science Elective <sup>4</sup>	3-2-4																										

†R-L-C means Recitation, Lab, and Credit hours

Updated: May 2017

Notes	Registration and Degree Troubleshooting <sup>5</sup>	Important Contacts (other than your advisor)																																
<p><sup>1</sup>At 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><sup>2</sup>See reverse side for list of Computer Networking electives</p> <p><sup>3</sup>See reverse side for list of Advanced Security electives</p> <p><sup>4</sup>Any 3-2-4 Science (BIOL, CHEM, PHYS) course</p> <p><sup>5</sup>See your degree audit and advisor first; the dept coordinator has forms</p>	<p>If you cannot register for a course <b>before or during</b> 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 <b>registration override form</b></p> <p style="padding-left: 20px;">For COMP courses, submit an <b>override authorization form</b></p> <p>To drop or add a course <b>after</b> Drop/Add period has ended:</p> <p style="padding-left: 20px;">Submit a <b>course withdrawal form</b> or a <b>late registration form</b></p> <p>For courses not used in your degree, submit a <b>course substitution form</b></p> <p>For other degree issues, visit the student service center</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">COMP</td> <td style="width: 20%;">Dave Albanese</td> <td style="width: 20%;">Dept Coordinator</td> <td style="width: 10%;">x4272</td> </tr> <tr> <td>COMP</td> <td>Charlie Wiseman</td> <td>Dept Chair</td> <td>x4704</td> </tr> <tr> <td>NON-COMP</td> <td>Lisa Manness</td> <td>Beatty 403</td> <td>x4370</td> </tr> <tr> <td>Transfer</td> <td>Daniel Roark</td> <td>Williston 103</td> <td>x4099</td> </tr> <tr> <td>COOP</td> <td>Chris McIntyre</td> <td>Wentworth 101</td> <td>x4101</td> </tr> <tr> <td>HUSS</td> <td>Ron Bernier</td> <td>Beatty 407</td> <td>x4353</td> </tr> <tr> <td>MATH</td> <td>Amanda Hattaway</td> <td>Ira Allen 319</td> <td>x4368</td> </tr> <tr> <td>MORE</td> <td colspan="3">See: <a href="https://wit.edu/wentworth-directory">https://wit.edu/wentworth-directory</a></td> </tr> </table>	COMP	Dave Albanese	Dept Coordinator	x4272	COMP	Charlie Wiseman	Dept Chair	x4704	NON-COMP	Lisa Manness	Beatty 403	x4370	Transfer	Daniel Roark	Williston 103	x4099	COOP	Chris McIntyre	Wentworth 101	x4101	HUSS	Ron Bernier	Beatty 407	x4353	MATH	Amanda Hattaway	Ira Allen 319	x4368	MORE	See: <a href="https://wit.edu/wentworth-directory">https://wit.edu/wentworth-directory</a>		
COMP	Dave Albanese	Dept Coordinator	x4272																															
COMP	Charlie Wiseman	Dept Chair	x4704																															
NON-COMP	Lisa Manness	Beatty 403	x4370																															
Transfer	Daniel Roark	Williston 103	x4099																															
COOP	Chris McIntyre	Wentworth 101	x4101																															
HUSS	Ron Bernier	Beatty 407	x4353																															
MATH	Amanda Hattaway	Ira Allen 319	x4368																															
MORE	See: <a href="https://wit.edu/wentworth-directory">https://wit.edu/wentworth-directory</a>																																	

# Computer Networking (BSCN) Tracking Sheet Catalog Year 2017-2018

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

## BSCN Requirements

	Fall	Spring	Summer
COMP1100 Introduction to Networks	•	•	
COMP1000 Computer Science I	•	•	
MATH1500 Precalculus	•	•	•
COMP1150 Routing and Switching	•	•	
COMP1050 Computer Science II	•	•	
MATH2300 Discrete Math	•	•	•
COMP1200 Computer Organization	•	•	
COMP2500 Security Principles	•		
COMP2650 Databases	•	•	
COMP2150 Network Administration			•
COMP2160 Wireless Networks			•
COMP3500 Network Security	•		
COMP3100 System Administration	•		
COMP3550 Computer Security			•
COMP4950 Project Management			•
COMP4650 Web Development			•
COMP5500 Senior Project			•

## Example Advanced Security Electives\*

Digital Forensics
Network Forensics
Public Key Cryptography
Web Security

## Example Computer Networking Electives\*

Advanced Databases
Advanced Routing and Switching
Advanced System Admin
Assembly Language
Data Center Networking
Data Structures
Medical Device Networking
Systems Analysis

### Elective Notes

\* Check the course catalog for prerequisite information for individual electives

Independent/external studies require department approval

Special topics courses require department approval to count as electives

## Prerequisite Flowchart

