

Computer Networking (BSCN) Tracking Sheet Catalog Year 2016-2017

Note: This is an *example* four year schedule: many courses are offered in other semesters, and if you overload, withdraw, transfer, or fail courses, schedule (with your advisor) 12 to 20 credits per semester and obey prerequisites

Fall

Spring

Summer

Freshman (0-31 earned hours)

R-L-C*

COMP1100	Introduction to Networks	3-2-4
COMP1000	Computer Science I	3-2-4
ENGLISH	English Sequence	4-0-4
MATH1500	Precalculus	4-0-4

R-L-C*

COMP1150	Routing and Switching	3-2-4
COMP1050	Computer Science II	3-2-4
ENGLISH	English Sequence	4-0-4
MATH2300	Discrete Math	4-0-4

Sophomore (32-63 earned hours)

R-L-C*

COMP1200	Computer Organization	3-2-4
COMP2500	Security Principles	3-2-4
HUSS	Humanities/Social Science Elective ¹	4-0-4
MATH1030	Statistics and Applications	4-0-4

R-L-C*

COMP2650	Databases	3-2-4
COMP2150	Network Administration	3-2-4
COMP2160	Wireless Networks	3-2-4
HUSS	Humanities/Social Science Elective ¹	4-0-4

Junior (64-95 earned hours)

R-L-C*

COMP3500	Network Security	3-2-4
COMP3100	System Administration	3-2-4
COMP	Computer Networking Elective ²	3-2-4
HUSS	Humanities/Social Science Elective ¹	4-0-4

R-L-C*

COOP3500	Cooperative Work Semester I (Required)	
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COMP3550	Computer Security	3-2-4
COMP	Computer Networking Elective ²	3-2-4
HUSS	Humanities/Social Science Elective ¹	4-0-4
MATH1900	Introduction to Operations Research	4-0-4

Senior (96+ earned hours)

R-L-C*

COOP4500	Cooperative Work Semester II (Required)	
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R-L-C*

COMP4950	Project Management	3-2-4
COMP4650	Web Development	3-2-4
COMP	Computer Networking Elective ²	3-2-4
HUSS	Humanities/Social Science Elective ¹	4-0-4

COMP5500	Senior Project	1-6-4
COMP	Computer Networking Elective ²	3-2-4
COMP	Advanced Security Elective ³	3-2-4
SCIENCE	Science Elective ⁴	3-2-4

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

Updated: June 2016

Notes

¹At least one HUSS elective must be from the social sciences (COMM, ECON, POLS, PSYC, SOCL), and at least one HUSS elective must be from the humanities (HIST, HUMN, LITR, PHIL); one selection must be an Ethics course; students are encouraged to take at least one HUSS EPIC

²See reverse side for list of Cybersecurity and Networks electives

³See reverse side for list of Advanced Security electives

⁴Any 4-credit Science (BIOL, CHEM, PHYS) course

⁵See your degree audit and advisor first; the academic coordinator has forms

Registration and Degree Troubleshooting⁵

If you cannot register for a course **before or during** Drop/Add period:

Freshmen: obtain a RAC code from your advisor

For time conflicts or overloads, submit a **registration override form**

For COMP courses, submit an **override authorization form**

For most other courses, visit: <http://tiny.cc/WIT-CAS>

To drop or add a course **after** Drop/Add period has ended:

Submit a **course withdrawal form** or a **late registration form**, respectively

For courses not used in your degree, submit a **course substitution form**

For other degree issues (e.g., declaring minors), visit the student service center

Important Contacts (other than your advisor)

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: http://profiles.wit.edu		

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Note: 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

Cryptography
Intro to Forensics
Web Security
Wireless Security

Example Computer Networking Electives

Advanced Databases
Advanced System Admin
Algorithms
Assembly Language
Big Data
Data Center Networking
Data Structures
Human-Computer Interaction
Mobile App Development
Systems Analysis

Elective Notes

Students with ≥ 3.0 GPA & dept approval may take an independent study

Students with senior status may enroll in seminars in spring and summer

Prerequisite Flowchart

Bold course outlines below indicate prerequisites for electives

