

Computer Science (BCOS) Tracking Sheet Catalog Year 2018-2019

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.

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

Updated: March 2018

Notes	Registration and Degree Troubleshooting ⁴	Important Contacts (other than your advisor)																																
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Computer Science (BCOS) Tracking Sheet Catalog Year 2018-2019

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

BCOS Requirements

	Fall	Spring	Summer
COMP1000 Computer Science I	•	•	
MATH2300 Discrete Math	•	•	•
MATH1750 Engineering Calculus I	•	•	
COMP1050 Computer Science II	•	•	
MATH1850 Engineering Calculus II	•	•	•
COMP1200 Computer Organization	•	•	
COMP2000 Data Structures	•	•	
COMP2100 Network Programming	•	•	
MATH2860 Linear Algebra & Matrix Theory	•	•	
COMP2350 Algorithms	•	•	
COMP2650 Databases	•	•	
MATH2100 Prob & Stats for Engineers		•	•
COMP3400 Operating Systems	•		
COMP3350 Programming Languages			•
COMP3450 Parallel Computing			•
COMP4960 Software Engineering		•	
COMP5500 Senior Project			•

Advanced CS Electives*

COMP4700 Artificial Intelligence
COMP3200 Assembly Language
COMP4460 Compilers
COMP4450 Systems Programming

CS Electives**

COMP4150 Advanced System Administration
COMP3750 Intro to Biostatistics
COMP4050 Machine Learning
COMP3660 Mobile App Development
COMP4950 Project Management
COMP2500 Security Principles
COMP3100 System Administration
COMP4650 Web Development

Elective Notes

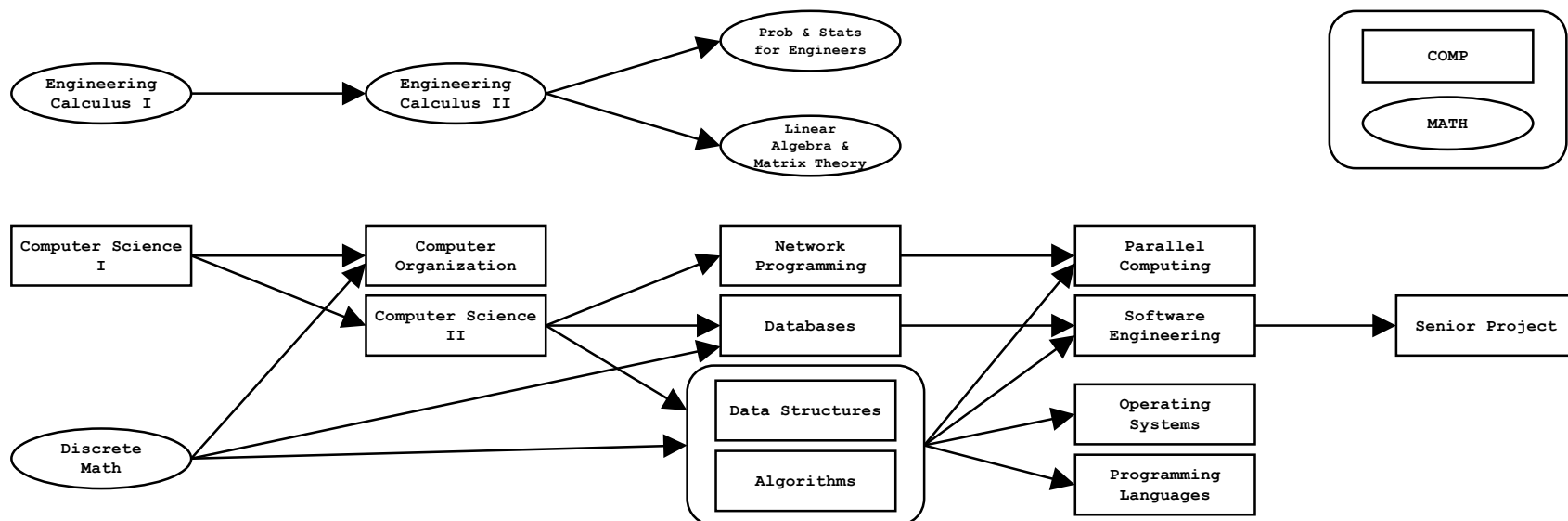
*Advanced CS electives have at least COMP2000 & COMP2350 as prerequisites

** 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



Computer Networking (BSCN) Tracking Sheet Catalog Year 2018-2019

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.

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Updated: April 2018

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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

