

Computer Science Major (Bachelor of Arts)

73 credits for major/128 credits for degree

Requirements for students entering 2018-2019

NAME: _____

ADVISOR: _____

Discovery Foundation Courses

Description	Course	Source	Credits/Grade	Notes
First Year Writing (WS)	ENGL 401			Must be taken within first 32 credits
Quantitative Reasoning (QR)				Must be taken within first 32 credits
Inquiry Requirement (INQ)				Must be INQ 444 or INQ Attribute Must be taken within first 25 credits

Discovery Courses

Description	Course	Source	Credits/Grade	Notes
Biological Science (BS)				One of the two sciences (BS or PS) must include a lab
Physical Science (PS)				One of the two sciences (BS or PS) must include a lab
Environment, Technology & Society (ETS)				
Historical Perspectives (HP)				
World Culture (WC)				
Fine & Performing Arts (FPA)				
Social Science (SS)				
Humanities (HUMA)				

Writing Intensive Requirements

Description	Course	Source	Credits/Grade	Notes
ENGL 401: First Year Writing	ENGL 401			All undergraduates are required to complete 4 writing intensive (WI) courses, which must include ENGL 401 and three additional WI courses.
WI course in major				
600/700 WI course				
Other WI course				All students must have a total of 4 WI courses!

Foreign Language Requirement (see full policy on page 4)

Description	Course	Source	Credits/Grade	Notes
Full year of elementary language OR One semester of an intermediate level language				Intermediate level language courses also fulfill the World Culture Discovery requirement. Language courses may not be taken pass/fail.

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Mathematics and Science (16 credits)			
Description and Selection	Source	Credits/Grade	Notes
COMP 490: Statistics in Computing and Engineering			
COMP 500: Discrete Structures			
MATH 425: Calculus I			May be used to satisfy QR Discovery requirement
PHYS 407: General Physics I			May be use to satisfy PS Discovery requirement

Computing Core (32 credits)			
Description and Selection	Source	Credits/Grade	Notes
COMP 415: Mobile Computing First and For Most			May be used to satisfy ETS Discovery requirement
COMP 425: Introduction to Programming			
COMP 430: Systems Fundamentals			
COMP 525: Data Structures Fundamentals			
COMP 530: Machine and Network Architecture			
COMP 560: Ethics and the Law in the Digital Age (WI)			May be used to satisfy HUMA Discovery requirement
COMP 625: Data Structures and Algorithms			
COMP 698: Special Topics (Systems Software)			

Project and Professional Practice (13 credits)			
Description and Selection	Source	Credits/Grade	Notes
UMST 582: Internship and Career Planning Seminar (1 credit)			
COMP 590: Entrepreneurship Project			
COMP 690: Internship Experience			
COMP 790: Capstone Project			

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Computing Topics (12 credits)			
Course Number and Title	Source	Credits/Grade	Notes
			Select 3 courses in computing to broaden and advance student learning of computing innovations. Advisor permission required.

Program Notes:

- All students must have at least a 2.0 cumulative GPA in order to graduate.
- Senior Residency: students must complete their last 32 credits of the degree at UNH.
- Students may take any undergraduate courses as electives in order to earn a minimum of 128 credits.
- Courses applied to the major must be completed with a minimum grade of C-.
- Transfer students must complete at least 24 credits in the major at UNH.

Foreign Language Policy:

- Students who completed 2 or more years of a foreign language in high school cannot take the elementary level courses. If 5 or more years have elapsed since last taking the language, you may be able to take elementary level courses. Contact Academic Advising for more information.
- Students interested in intermediate foreign language must take a placement test. Contact Academic Advising for more information.