

Computer Science Coordinate Major

Required courses:

- CMPS 1500 Introduction to Computer Science I
- CMPS 1600 Introduction to Computer Science II
- CMPS/MATH 2170 Discrete Mathematics
- CMPS 2300 Introduction to Computer Systems
- CMPS 2200 Introduction to Algorithms

- Three CMPS electives at 3000-level or above.
Choice of electives needs to be approved by CS faculty.
Meet with CS faculty in spring of sophomore year to plan electives.
- CMPS 4010, CMPS 4020: Capstone project (2 semesters)

More information at:

<http://tulane.edu/sse/cs/academics/undergraduate/coordinate-major.cfm>

Some CMPS electives

- CMPS 3110 – Introduction to Computational Biology and Bioinformatics
- CMPS 3130/6130 – Introduction to Computational Geometry
- CMPS 3140 – Introduction to Artificial Intelligence
- CMPS 3210/6210 – Algorithms for Computational Structural Biology
- CMPS 3240 – Machine Learning
- CMPS 3250 – Theory of Computation
- CMPS 3260 – Analysis of Algorithms
- CMPS 3280/6280 – Information Theory
- CMPS 4230/6230 – Advanced Computational Geometry
- CMPS 4250/6250 – Mathematical Foundations of Computer Security

Computer Science Coordinate Major

Required courses:

- CMPS 1500 Introduction to Computer Science I fall
- CMPS 1600 Introduction to Computer Science II spring
- CMPS/MATH 2170 Discrete Mathematics fall
- CMPS 2300 Introduction to Computer Systems spring
- CMPS 2200 Introduction to Algorithms fall

- Three CMPS electives at 3000-level or above.
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