Bachelor of Science in Computer Science: Turing Scholars (Honors)  
2016 - 2018 Catalog

Core Curriculum Requirements* (27 hrs)

- UGS 302 or 303 First-Year Signature Course
- RHE 306 Rhetoric & Composition
- E 316P/N/M/L/K Literature
- American History 1
- American History 2
- American Government
- Social & Behavioral Science
- Visual & Performing Arts
- Mathematics (fulfilled by M 408N/C)
- Science Sequence, 6 hrs (fulfilled by degree requirements)
- Science, 3 additional hours (fulfilled by degree requirements)
- Writing flag (from course not fulfilling core curriculum)
*Courses that fulfill above core curriculum requirements are designated in course schedule.

Foreign Language or Culture Requirement (minimum 6 hrs)

- 3-6 hrs foreign language or approved culture course
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Course Flag Requirements

- Upper division writing flag (WR) (fulfilled by C S 379H)
- Additional writing flag (WR) *1 WR flag must not overlap with core
- Independent Inquiry flag (II) (fulfilled by C S 379H)
- Quantitative Reasoning flag (QR) (fulfilled by C S 331H)
- Cultural Diversity flag (CD)
- Global Cultures flag (GC)
- Ethics & Leadership flag (EL)

Computer Science Requirements (42 hrs)

- C S 317H: Intro to Research Honors
- C S 311H Discrete Math: Honors
- C S 314H Data Structures: Honors
- C S 429H Computer Architecture: Honors
- C S 439H Operating Systems: Honors
- C S 331H Algorithms: Honors
- C S Upper Division Elective (UDE) #1
- C S UDE #2
- C S UDE #3
- C S UDE #4
- C S UDE #5
- C S UDE #6
- C S UDE #7
- C S 379H: Senior Research Thesis: Honors
* Minimum of 5 upper division C S honors courses are required; excluding C S 429H, C S 178H and C S 379H.

Lower Division Mathematics Requirements (8-12 hrs)

- M 408N Traditional Calculus 1 +
- M 408S Traditional Calculus 2 +
- M 408M Traditional Calculus 3 +
  OR
- M 408C Accelerated Calculus 1 +
- M 408D Accelerated Calculus 2

Science & Upper Division Math Requirements (15-18 hrs)

- SDS 321 Statistics & Probability or M 362K Probability 1
- M 340L Matrices or SDS 329C Practical Linear Algebra
- Science Sequence (must complete 1 approved, full sequence)
  - Chemistry 301 + 302 or
  - Biology 311C + 311D or
  - Physics 303K + 303L + 303L + 303N or
  - Physics 301 + 301L + 316 + 116L
- 3-4 additional hours science, geology, or upper division math
  - Chemistry 301, Biology 311C, Physics 303K + 303M, Physics 301 + 301L, Geology 401, or any upper division math course except M 340L, M 341, M 362K, M 325K

General Electives* (9-22 hrs)

- 120 hours total *Physical activity courses (PED or KIN) and non-majors science courses will not toward the required 120 hours. Only 6 hours of pass/fail coursework will count toward the required 120 hours.

Computer Science Advising
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****For planning purposes only; please consult your academic advisor for degree requirements and progress****