Computer Science Curriculum Flowchart (120 credits)

Freshman
Fall
14 credits
- EGR 111
  [3] (Fall)

Fall
14 credits
- University Studies
  3B Elective
  [3] (Spring/Fall)

Sophomore
Fall
15 credits
- PHY/CHM/BIO
  Laboratory Science Elective
  [4] (Fall)

Fall
14 credits
- University Studies
  3B Elective
  [3] (Spring/Fall)

Sophomore
Spring
14 credits
- PHY/CHM/BIO
  Laboratory Science Elective
  [4] (Spring)

Spring
14 credits
- University Studies
  3B Elective
  [3] (Spring/Fall)

Junior
Fall
16 credits
- MTH 331
  Probability
  [3] (Fall/Spring)

Fall
15 credits
- University Studies
  3A Elective
  [3] (Fall/Spring)

Spring
16 credits
- University Studies
  4A Elective
  [3] (Fall/Spring)

Senior
Fall
16 credits
- CIS 361
  Models of Computation
  [3] (Spring)

Fall
15 credits
- Technical Elective
  See Approved List
  [3] (Fall/Spring)

Spring
16 credits
- University Studies
  4B Elective
  [3] (Fall/Spring)

- Technical Elective
  See Approved List
  [3] (Spring/Fall)

- Technical Elective
  See Approved List
  [3] (Spring/Fall)

Spring
15 credits
- University Studies
  4C Elective
  [3] (Spring/Fall)

- CIS 499
  Capstone Design II
  [3] (Spring)

- CIS 498
  Capstone Design I
  [4] (Fall)

- CIS 481
  [3] (Spring)

- CIS 498
  Capstone Design I
  [4] (Fall)

- CIS 499
  Capstone Design II
  [3] (Spring)

- CIS 481
  [3] (Spring)

- ENL 266
  Technical Communications
  [3] (Fall/Spring)

- CIS 360
  Algorithms & Data Structure
  [4] (Fall)

- CIS 362
  Empirical Methods for CS
  [3] (Spring)

- CIS 361
  Models of Computation
  [3] (Spring)

- CIS 370
  Design of Operating Syst.
  [4] (Spring)

- CIS 381
  Social & Ethical Aspects
  [3] (Fall)

- CIS 381
  Models of Computation
  [3] (Spring)

- CIS 361
  Models of Computation
  [3] (Spring)

- CIS 370
  Design of Operating Syst.
  [4] (Spring)

Note: Any CIS core course or technical elective that is a prerequisite to another CIS course, must be passed with a grade of C or better in order to satisfy the prerequisite.

Revised 8/17/2020 jm