Computer Science Department
University of Hartford
CS Course Flow

- **CS 114**
  - Fund. of Comp. I
- **CS 115**
  - Fund. of Comp. II
- **CS 211**
  - Architecture
- **CS 220**
  - Data Structures
- **CS 275**
  - Internet Prog.
- **CS 320**
  - Prog Languages
- **CS 340**
  - Automata Theory
- **CS 341**
  - Artificial Intelligence
- **CS 351**
  - Studies in CS
- **CS 355**
  - Networks
- **CS 360**
  - Software Dev.
- **CS 361**
  - Operating Systems
- **CS 362**
  - UNIX Internals
- **CS 365**
  - Database
- **CS 371**
  - Graphics

**BA in CS** – At least one course from two distinct breath areas. 15 credits total.

**BS in CS** – At least one course from each of three distinct breath areas. 18 credits total.

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**Key**
- **e** – even year offering
- **o** – odd year offering
- **f** – usual fall offering
- **s** – usual spring offering
- **TBD** – Breath-TBD

**Breath areas:**
- Systems
- Applications
- Theory

**Required for BS and BA in CS**

- **CS 290/291/390/391/490/491**
  - Special Topics
  - Inst. Permission Required

- **CS 480/481**
  - Independent Study in CS
  - Dept. Approval Required

**ECE 231/232**
- **f,s**
  - Digital Logic
  - (pre-req: sophomore standing)

**M 220**
- **f,s**
  - Linear Algebra
  - (pre-req: M145)

**M 221W**
- **f**
  - Discrete Math I

**M 222W**
- **s**
  - Discrete Math II