## Interdisciplinary Major in Computer Science

**BA Degree Requirements and Common Electives** 

(Updated November 2007) Boxes with heavy lines are required courses. Arrows indicate required pre-requisites. Spring Only cs150 Computing from Ada & Euclid to ... Fall Only cs202 Discrete cs205 Engineering cs230 Digital Logic Design **Mathematics** Software (counts as CS elective) cs305 HCI in cs302 Theory of cs216 Program and cs333 Computer Computation Software Dev. **Data Representation Architecture** Fall Only cs432 Algorithms Spring Only Spring Only cs340 Advanced cs414 cs415 Software Operating **Programming** 

**Computing Electives:** Any four CS courses 300-level and above (cs230 also counts as a computing elective).

**Integration Electives:** Four courses from other departments that provide fundamental computing depth and background or explore applications of computing to arts and sciences fields. See <a href="http://www.cs.virginia.edu/ba/integration.html">http://www.cs.virginia.edu/ba/integration.html</a> for a list of approved integration electives.

Development

Languages

Systems