

**B.S. Dual Major for Computer Science and Information Science  
For Students Entering Before Fall 2007  
Revision of June 23, 2008**

*This degree program requires 133 SH of credit and students must be in Division A*

*Note that IS U691 must be taken during a cooperative education activity.*

***As of September 2008, IS U691 is no longer required. The required credits are reduced to 132 SH.***

The College of Computer and Information Science reserves the right to modify the curriculum described in this document or the individual courses as necessary in the future.

<b>Computer Science (48 SH: 11 @ 4 SH and 4 @ 1 SH)</b>
CS U200 Discrete Structures & CS U201 (0 SH)
CS U211 Fund of Computer Science 1 & CS U212 (1 SH)
CS U213 Fund of Computer Science 2 & CS U214 (1 SH)
CS U221 CS/IS Overview 1 (1 SH)
CS U222 CS/IS Overview 2 (1 SH)
CS U370 Object-Oriented Design
CS U380 Computer Organization
CS U390 Theory of Computation
CS U430 Database Design
CS U480 Systems & Networks
CS U660 Programming Languages
CS U670 Software Development
CS U690 Algorithms & Data
<b>Information Science</b>
<b>(30 SH: 6 @ 4 SH, 1 @ 5 SH, and 1 @ 1 SH)</b>
IS U300 Principles of Information Science
IS U470 Information System Design & Development
IS U570 Human Computer Interaction
IS U580 Empirical Research Methods
IS U691 Information Science Field Study (1 SH)
IS U692 Information Science Senior Project (5 SH)
SOC U528 Computers & Society
MIS U305 Information Resource Management
<b>Behavioral Science (12 SH: 3 @ 4 SH)</b>
PSY U101 Foundations of Psychology
ECN U116 Microeconomics
HRM U201 or HRM U209 Organizational Behavior
<b>English (8 SH: 2 @ 4 SH)</b>
ENG U111 College Writing
ENG U302 Adv Writing in the Technical Professions
<i>With permission, may substitute ENG U301 for ENG U302</i>

<b>Mathematics &amp; Science (20 SH: 5 @ 4 SH)</b>
PHL U215 Symbolic Logic
MTH U241 Calculus 1
MTH U371 Linear Algebra
ECN U350 Statistics
Science Elective: <i>Choose option A or B</i>
<i>(A) Take one course from the Arts &amp; Sciences Core Curriculum, "Methods of Inquiry: Natural World Context", except for those courses intended for students in specific colleges and except Mathematics courses.</i>
<i>(B) Meet the science requirements as specified for the BA in CS.</i>
<b>General (16 SH: 4 @ 4 SH)</b>
A&S Core Curriculum 1 <i>(not science or mathematics)</i>
A&S Core Curriculum 2 <i>(not science or mathematics)</i>
General Electives (8 SH: 2 @ 4 SH)
Elective 1
Elective 2
<i>The core curriculum courses and general electives must be consistent with the policy on electives articulated by the College of Computer and Information Science in the Student Guidebook and on the college web site.</i>
<i>The CCIS diversity requirement must be satisfied. See the Student Guidebook or the college web site for options.</i>