

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Introduced by: Department of Computer Science

Date: May 5, 2008

REVISION TO THE MINOR IN COMPUTER SCIENCE

IT IS HEREBY PROPOSED THAT THE FOLLOWING BE ADOPTED:

1. That the proposed revision to the Minor in Computer Science be approved by the University Senate.
2. That this proposal be forwarded to the Interim President George M. Philip for approval.
3. That the revisions take effect for students admitted to the University for Fall 2008.

Rationale:

The proposal describes what most current CS minors take. It simplifies the requirements, removes obsolete courses and restrictions, and strengthens the disciplinary focus while retaining the interdisciplinary opportunity that the minor traditionally provided. It also clarifies the department's expectations and policies for minors, and alerts them to the challenges and opportunities.

Minor description to appear in catalog:

Computer Science A minimum of 18-19 credits of which at least 12-13 must have an I-Csi prefix. I-Csi 201 or a transfer equivalent (3-4 credits) must be included except if course is applied to another major or minor. I-Csi 310 and another 3 credits with an I-Csi prefix and number 300 or above must be included. The remaining 6 credits can be in I-Csi courses or in the Departmentally approved list of courses that cover details of either substantive applications of computing to other disciplines (such as B-Itm 215), the internal operation of computer technologies (such as A-Phy 353 or 454), or advanced and related theory (such as A-Mat 326, 372, or A-Phi 432). Consult the Computer Science Department for further information and advisement.

I-Csi201 and I-Csi310 (Data Structures) are intensive courses that include computer programming. They are the introductions to Computer Science that comprise the first two courses for CS majors. Data Structures is required for all CS minors and it is much more difficult than most 100 level I-Csi courses.

Suitable student choices of minor courses enable the Computer Science minor to be used either to help prepare for master's level computer science graduate study or to provide basic understanding plus breadth in the use and applications of computing technology.