

COMPUTATIONAL SCIENCE - Minor Requirements

Effective Fall 2008

Hamline University

Anticipated graduation date (such as: May, 2010) _____

Full name: _____

Hamline ID: _____

Phone #: _____

SIX COURSES and CAPSTONE PROJECT FOR MINOR

DEPT	COURSE	TITLE	GRADE	CREDITS	TERM/ YEAR	SUBSTITUTE COURSE	ADVISOR APPROVAL*	AUDITOR'S NOTES
1. CSCI	1250	Introduction to Computer Science		4				
2. CSCI	3500	Survey of Computational Science		4				
3. MATH	1170	Calculus I		4				
4. MATH	1180	Calculus II		4				
5. One course chosen from the following:								
CSCI	3150	Data Structures		4				
MATH	3200	Applied Modeling and Statistics		4				
6. One approved course from your major, chosen from the following (other majors must propose an elective):								
BIOC	3820	Biochemistry I		4				
BIOL	5590	Ecology		4				
BIOL	5900	Molecular Cell Biology		4				
CHEM	3560	Molecular Structure & Spectroscopy		4				
MATH	3720	Introduction to Applied Mathematics		4				
MATH	5850	Numerical Analysis		4				
PHYS	5940	Advanced Electromagnetic Field Theory		4				
Capstone computational project (either an independent study, 4-credit project, or a project embedded in the major elective that uses computational tools to address a problem in the major field of study):								

*Advisor approval is required for transfer courses or other substitutions. Approval must be initialed in the Advisor Approval column.

Student signature (required): _____

Date: _____

Computational science advisor signature (required): _____

Date: _____