

2007

Computer Science – Mathematics Emphasis

Student: _____ ID: _____ Adviser: _____

Anticipated Graduation Session: _____

Computer Science Core Courses (38 hrs.) {Prerequisites/corequisites shown in braces}

CSCI 190	3 hrs.	Computer Science I		_____	_____
CSCI 191	4 hrs.	Computer Science II	{190}	_____	_____
CSCI 193	1 hr.	Introduction to Unix	{190}	_____	_____
CSCI 240	4 hrs.	Computer Software Design I	{coreq: 191}	_____	_____
CSCI 241	3 hrs.	Computer Software Design II	{193 + 240}	_____	_____
CSCI 270	3 hrs.	Web Page Development	{148,150 or 190}	_____	_____
CSCI 325	3 hrs.	Operating Systems	{240+coreq:193}	_____	_____
CSCI 345	4 hrs.	Data Communications	{191}	_____	_____
CSCI 355	3 hrs.	Computer Organization	{240}	_____	_____
CSCI 360	3 hrs.	Data Structures	{241}	_____	_____
CSCI 480	4 hrs.	Software Engineering	{360}	_____	_____
CSCI 490	3 hrs.	Database Management Systems	{241}	_____	_____

Mathematics Emphasis (18 hrs.)

Mathematics	MATH 295	3 hrs.	Intro to Discrete Mathematics	_____	_____
	MATH 302	3 hrs.	Math Intro to Cryptology	_____	_____
	MATH 342	3 hrs.	Linear Algebra	_____	_____
	MATH 410	3 hrs.	Probability and Statistics	_____	_____
	CSCI 300	3 hrs.	Discrete Structures	_____	_____
Computer Science:	One of: CSCI 285, 330, 374, 445, 460, 470, 475, 497 (3 hrs), 498 (3 hrs) CSCI _____				_____

Computer Science Area Competencies (6 hrs.)

Philosophy:	PHIL 224	3 hrs.	Ethics and Technology	_____	_____
Writing:	ENGL 272	3 hrs.	Intro to Technical Communication	_____	_____

Major Competencies (8 hrs.)

Math:	MATH 141	4 hrs.	Calculus I	_____	_____
	MATH 142	4 hrs.	Calculus II	_____	_____