

Concentration Contract: Sc.B. in Math/CS

Name: _____

Graduation Year: _____

General Information: fill this out as well as possible, print it, then complete it with your concentration advisor and have her/him sign it. Put in *only* those courses used for the concentration. Put check marks in the boxes in the leftmost column for those courses that have been completed. Any changes to your contract must be initialed and dated by your advisor. The contract must be reviewed and reapproved yearly. (If there are no changes, review is still required, but approval is automatic.) Electronic submission is not available at this time.

	Will take when	Placement	Office Use Only
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Math Prerequisites

Three semesters of Calculus through Math 0180, 0200, or 0350

Course #: _____ Course #: _____ Course #: _____			
<u>One of:</u> Math 0520 (Linear Algebra) _____ Math 0540 (Honors Linear Algebra) _____			

Math Requirements

Math 1530 (Abstract Algebra) _____			
1000-level Math Course _____			
1000-level Math Course _____			
1000-level Math Course _____			

Core Computer Science Requirements:

CSCI 0150 (Intro to Programming and CS)	Fall	_____	
CSCI 0160 (Intro to Algs and Data Structs)	Spring	_____	
<u>or</u>			
CSCI 0170 (CS: Integrated Approach I)	Fall	_____	
CSCI 0180 (CS: Integrated Approach II)	Spring	_____	
<u>or</u>			
CSCI 0190 (Programming with Data Structures & Algorithms)	Fall	_____	
Additional CS course (see web page) # _____		_____	
<u>One of:</u>			
CSCI 0330 (Intro to Computer Systems)	Fall	_____	
CSCI 0320 (Intro to Software Engineering)	Spring	_____	
<u>One of:</u>			
CSCI 0220 (Intro to Discrete Struct. And Probability)	Spring	_____	
CSCI 0450 or 1450 (Intro to Probability and Computing)		_____	
CSCI 1010 (Models of Computation)	Fall	_____	

Advanced Computer Science:

Three courses in CS or related areas. All must be at the 1000 level or higher. Two of the courses must be either chosen from the list of approved pairs found at <http://www.cs.brown.edu/ugrad/concentrations/approvedpairs> or approved by the director of undergraduate studies. CSCI 1450 and APMA 1650 may not both be taken for concentration credit. If CSCI 0450/1450 is used as a core course, it may not be used as an advanced course.

Course 1 of approved pair	_____	_____	
Course 2 of approved pair	_____	_____	
Other approved course	_____	_____	

Additional Courses: Three 1000-level courses in Math, Applied Math, Computer Science, or related areas.

#1	_____	_____	
#2	_____	_____	
#3	_____	_____	

Capstone Course:

_____	_____	
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The above is my plan for meeting the degree requirements. It is my responsibility to make certain that all courses taken at Brown for concentration credit, all courses taken at other schools for which transfer credit has been approved for concentration credit, and all AP credits appear on my transcript.

Student Signature

Advisor Signature

Date

Advisor Name (printed)

Reviewed and reapproved (at yearly meeting with concentration advisor):

Student Signature

Advisor Signature

Date

Advisor Name (printed)

Reviewed and reapproved (at yearly meeting with concentration advisor):

Student Signature

Advisor Signature

Date

Advisor Name (printed)