BSCIS (B.S. in Computer and Information Science)

For students entering OSU Autumn 2005 or later

Computer Science Core

CSE 221	4	____	
222	4	____	
321	4	____	
360	4	____	
459.XX	1	____	
541	3	____	
560	5	____	
625	3	____	
655	4	____	
660	3	____	
670	3	____	
675.02	4	____	
680	3	____	

Computer Sc. Core: **45** ____

Mathematics and Statistics

Math	Math 151	5	____
	Math 152	5	____
	Math 153	5	____
	Math 366	3	____
	Math 566	3	____
Statistics	Stat 427	3	____
	Stat 428	3	____

Total Math and Statistics: **27** ____

Natural Science

Physics	111 or 131	5	____	
	112 or 132	5		
Science Electives	____	____	____	
	____	____	____	
	____	____	____	

At least 5 hrs of Biological Science is required.
Total Natural Sciences: **25** ____

CIS Technical Electives

See reverse side for technical options
Total CIS Tech Elects: min 23-27 ____

General Education Curriculum (GEC)

Details at: http://www.usas.ohio-state.edu/BSAutumn04.pdf

Foreign Language

_____ 103	5	____	
_____ 104	5	____	

Total Foreign Language: **10** ____

English and Communication Skills

English 110	5	____
Writing 2: _____	5	____
Writing 3: CSE 560 (counted in CSE Core)		

Total English **10** ____

Social Sciences

(a)_____	____	____
(b)_____	____	____
(c)_____	____	____

Select three courses, with at least one course from two of the three sections, as specified in the document at the url listed above.
Total Social Sciences: **15** ____

Arts and Humanities

Literature: _____	____	____
Vis/Perf Art: _____	____	____
_____	____	____

Total Arts and Humanities: **15** ____

Historical Survey

Hist ____	5	____
Hist ____	5	____

Total Historical Survey: **10** ____

Diversity Experiences

May be fulfilled by an approved 5 cr-hr course in another GEC category, or by a separate course

_____●	5	____
_____★	5	____
_____♦ or ★	5	____

Total Social Diversity: **0 - 15** ____

The course categories "●,♦,★" are explained in the document at the url listed above.

Free Electives (15)

_____	____	____
_____	____	____
_____	____	____
_____	____	____
_____	____	____

Total Free Electives: ____ ____

Total CIS Major: **min 191** ____

Note: The BS program has been approved for the "Drop-a-GEC" option – students may drop one GEC course per ASC guidelines

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Technical Options — 23 - 27 cr-hrs

You must choose one of the four technical options below. Each includes a set of **Required Courses** and a number of credit-hours of **Elective Courses**. The CSE courses that may be included in the latter are:

- Letter-graded courses at the 500-level and above, unless otherwise noted in the *OSU Course Bulletin*;
- Up to 1 hour of 459 (in addition to that required as part of the core);
- Up to 2 hours of 693 (individual studies);
- Up to 3 hours of H783 (for honors students pursuing undergraduate research).

Only one of Math 568 or Math 571 may be counted.

If you wish to count as an elective course one that does not meet the requirements of your chosen option, you must get prior approval from your faculty advisor.

Software Systems Option — 23 cr-hrs

Required Courses			Elective Courses		
757	3	____		_____	____	____
676 or 677 or 775	3	____		_____	____	____
662 or 581 or 756				_____	____	____
or 758	3-4	____		_____	____	____
Total Required Courses:	*9-10*	____		_____	____	____
			Total Elective Courses:	*13-14*	____

At least 9 hours of the Elective Courses must be CSE courses listed in the Technical Options above. The remainder may be either CSE courses listed in Technical Options, or ISE 573, Math 568/571, 572, 575, 647, and 648.

Advanced Studies Option — 24 cr-hrs

Required Courses			Elective Courses		
725 or 755 or 780	3	____		_____	____	____
760 or 775	3	____		_____	____	____
Math 568 or Math 571				_____	____	____
or Math 647 or Math 648	3	____		_____	____	____
Total Required Courses:	*9*	____		_____	____	____
			Total Elective Courses:	*min 15*	____

At least 9 hours of the Elective Courses must be CSE courses listed in the Technical Options above. The remainder may be either CSE courses listed in Technical Options, or ISE 573, Math 568/571, 572, 575, 647, and 648.

Scientific Computing Option — 26 cr-hrs

Required Courses			Elective Courses		
621	3	____		_____	____	____
721	4	____		_____	____	____
Math 568 or Math 571	3	____		_____	____	____
Math 254??	5	____		_____	____	____
Total Required Courses:	*15*	____		_____	____	____
			Total Elective Courses:	*min 11*	____

At least 9 hours of the Elective Courses must be CSE courses listed in the Technical Options above. The remainder may be either CSE courses listed in Technical Options, or ISE 573, Math 568/571, 572, 575, 647, and 648.

Information Systems Option — 27 cr-hrs

Required Courses			Elective Courses		
616	4	____		_____	____	____
671	3	____		_____	____	____
Acct&MIS 211 or				_____	____	____
Acct&MIS 310	5	____		_____	____	____
Bus-Mgt 630	4	____		_____	____	____
Total Required Courses:	*16*	____	*Total Elective Courses:*	*min 11*	____

Econ 200 must be taken as a Social Science GEC.

At least 8 hours of the Elective Courses must be CSE courses listed in the Technical Options above. The remainder may be either CSE courses listed in Technical Options, or ISE 573.