BSCSE (B.S. in Computer Science and Engineering)

For students entering OSU Autumn 2005 or later

CSE Core

221	4	____
222	4	____
321	4	____
360	4	____
459.XX	1	____
541	3	____
560	5	____
601	1	____
625	3	____
655	4	____
660	3	____
670	3	____
675.01	3	____
680	3	____

Capstone Course

682 or 731 or 758 or 762 or 772 or 778	3-4	____

Total CSE Core: min 48 ____

Mathematics and Science

Math	Math 151	5	____
	Math 152	5	____
	Math 153	5	____
	Math 254	5	____
	Math 366	3	____
	Math 566	3	____
Statistics	Stat 427	3	____
	Stat 428	3	____
Science	Chem 121	5	____
	Phys 131	5	____
	Phys 132	5	____
	Biol 113 or Chem 125 or Phys 133	4-5	____

Total Math and Science: min 51 ____

Engineering

Engineering	Eng 181	3	____
	Eng 183	3	____
	ISE 504	3	____
	MSE 205 or ME 410 or ME 500	3-4	____
ECE	ECE 206	1	____
	ECE 261	3	____
	ECE 300	3	____
	ECE 309	1	____
	ECE 320	3	____
	ECE 567	2	____

Total Engineering: min 25 ____

CSE Technical Electives

See reverse side for technical options

Total CSE Tech Elects: min 27 ____

General Education Curriculum (GEC)

English and Communication Skills

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

Total English and Comm: 10 ____

Social Sciences

_____	____	____
_____	____	____

Total Social Sciences: 9 ____

Arts and Humanities

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

Total Arts and Humanities: 9 ____

Historical Survey

Hist ____	5	____
Hist ____	5	____

Total Historical Survey: 10 ____

Social Diversity

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

_____	5	____

Total Social Diversity: 0 or 5 ____

Additional GEC to Attain 45 GEC cr-hrs

May be fulfilled by counting excess hours from the Social Science or Arts and Humanities categories above, another second writing course, a 103-level foreign language course, a designated University Capstone course, a course from the Business Minor program (unless counted in the technical option), or JCom 321.

_____	____	____
_____	____	____

Total GEC: min 45 ____

Total CSE Major: min 196 ____

BSCSE (B.S. in Computer Science and Engineering)

For students entering OSU Autumn 2005 or later

Technical Options — 27 cr-hrs

You must choose one of the three 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 CSE 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; and only one of CSE 676 or ECE 765 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

Required Courses				Elective Courses		
757	3	____		_____	____	____
676 or 677 or 775	3	____		_____	____	____
Math 568 or Math 571 or				_____	____	____
Math 647 or Math 648	3	____		_____	____	____
Total Required Courses:	*9*	____		_____	____	____
				_____	____	____
				Total Elective Courses:	*min 18*	____

At least 12 credit-hours of the **Elective Courses** must be CSE courses listed in **Technical Options** above. The remainder may be either CSE courses listed in **Technical Options**, or ECE 561, ECE 761, ECE 765, ECE 769, ISE 573, Math 568/571, Math 572, Math 575, Math 647, Math 648.

Hardware/Software Systems Option

Required Courses				Elective Courses		
676 or ECE 765	3	____		_____	____	____
677	3	____		_____	____	____
ECE 561	3	____		_____	____	____
Math 415 or				_____	____	____
Math 568 or Math 571	3-4	____		_____	____	____
Total Required Courses:	*12-13*	____		*Total Elective Courses:*	*min 14-15*	____

Recommended capstone course in CSE Core: 778. At least 12 credit-hours of the **Elective Courses** must be CSE courses listed in **Technical Options** above. The rest may be either CSE courses listed in **Technical Options**, or ECE 761, ECE 762, ECE 765, ECE 769, ISE 573, Math 568/571, Math 572, Math 575, Math 647, Math 648.

Information Systems Option

Required Courses				Elective Courses		
616	4	____		_____	____	____
671	3	____		_____	____	____
Acct&MIS 211 or				_____	____	____
Acct&MIS 310	5	____		*Total Elective Courses:*	*min 8*	____
Bus-Mgt 630	4	____				
Math 568 or Math 571	3	____				
Total Required Courses:	*19*	____				

All credit-hours of the **Elective Courses** must be CSE courses listed in **Technical Options** above, or ISE 573.