

Bachelor of Science in Computer Science

Name _____ Minor: _____

GROUP I: English Composition
 ___ GSW 1100 or 1110
 ___ GSW 1120

GROUP II: Language: _____
 ___ 1010
 ___ 1020
 ___ 2010 or _____
 ___ 2020 or _____

GROUP III: CS, Math, Natural Science
 ___ CS 2010
 ___ CS 2020
 ___ CS 2170
 ___ CS 3010
 ___ CS 3240
 ___ CS 3270
 ___ CS 3350
 ___ CS 4 _____
 ___ CS 4 _____
 ___ CS 4 _____
 ___ MATH 1340-1350 or 1310
 ___ MATH 2220 or 3220
 ___ MATH 2470, 3130, or STAT 2110/2120
 ___ Natural Science Sequence

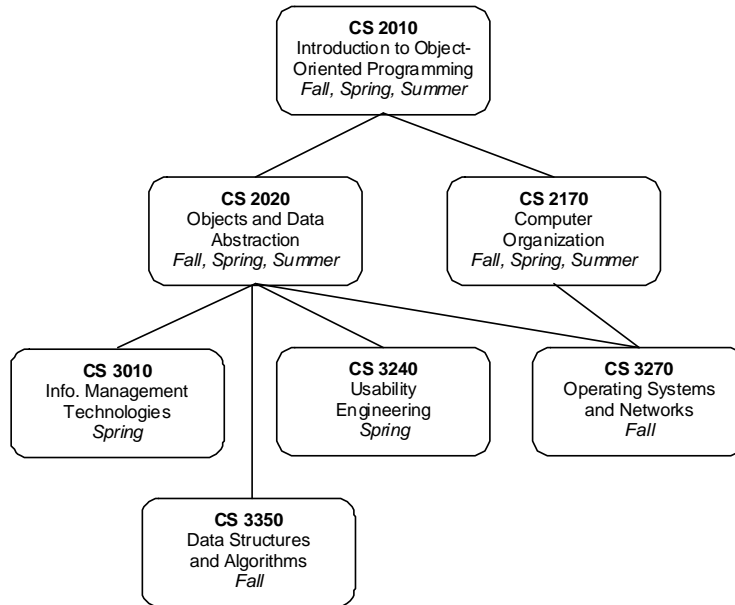
GROUP IV: Social Science

GROUP V: Arts and Humanities
 ___ Lit: _____
 ___ Arts: _____

ADDITIONAL REQUIREMENTS
 ___ Societal Impact
 ___ International Perspectives
 ___ Cultural Diversity

TOTAL HOURS REQ'D = 122 +
 ___ Deferred GSW 1120
 ___ MATH 95, GSW 1100
 ___ Articulation deficiency
 ___ 1000-level course as senior
 ___ More than 2 course retakes
 ___ More than 16 hrs. S/U option

Core Curriculum



Notes:

1. If you have met the foreign language requirement by taking four years of the same language in high school, you must still take a course to satisfy the International Perspectives requirement.
2. The *Arts and Sciences Student Handbook* lists courses that satisfy requirements for Social Science, Arts and Humanities, Cultural Diversity, and International Perspectives.
3. Some courses satisfying "Additional Requirements" (PHIL 3440, Cultural Diversity) also satisfy other requirements (Group IV or Group V).
4. Students preparing for an internship (co-op) should take CS 2900 (1 credit hour) in the first semester of their sophomore year.
5. Math majors/minors needn't take the listed MATH courses.
6. Societal Impact: CS 3000, PHIL 3440, LEGS 4230, TCOM 4750.
7. Recommended electives: ACCT 2210, CS 3140, CS 3160, CS 3600, ENG 3880, IPC 1020.
8. Recommended science sequence: PHYS 2010-2020.
9. Additional information at:
<http://www.bgsu.edu/departments/compsci/>

**** AT LEAST 40 HOURS AT THE 3000/4000 LEVEL ARE REQUIRED FOR THE DEGREE ****

SCIENCE MINOR: Most CS majors automatically complete the requirements for the science minor by completing the science and mathematics requirement (at least 23 hours).

BUSINESS SYSTEMS SPECIALIZATION: 21 hours chosen from ACCT 2210-2220 (Required); ACCT 3210, 3220, 4510; ECON 2020, 2030; FIN 3000; LEGS 3010, 4230; MATH 2470 or STAT 2120; MGMT 3000 or 3050, 3600; MIS 4050, 3600, 4330; MKT 3000

GIS SPECIALIZATION: GEOG 2250 or 4260, GEOG 3210, GEOG 3250, GEOG 4130, GEOG 4220, GEOG 4240, GEOG 4250.

NATURAL SCIENCE SEQUENCE OPTIONS: BIOL 2040-2050 (10), CHEM 1250-1270-1280 (10), CHEM 1350-1370-1380 (10), GEOL 1040-1050 (8), GEOL 2500-2510 (10), PHYS 2010-2020 (10), PHYS 2110-2120 (10)

SAMPLE PROGRAMS: With Internship, Without Internship, and Starting at Firelands

Year	Fall	Spring	Summer
I	CS 2010 GSW 1110 MATH 1340 Language I Social Science	CS 2020 CS 2170 GSW 1120 MATH 1350 Language II	.
II	CS 2900 CS 3350 MATH 2220 Language III Natural Science Elective	CS 3010 Social Science MATH 2470 Language IV Natural Science	Possible Internship
III	CS 3270 Literature Social Science Elective Elective ¹	Possible Internship	Possible Internship or CS 3000 ¹
IV	CS 4xxx CS 4xxx Fine Arts Elective Elective	CS 3240 Humanities Social Science Elective Elective	Possible Internship or Classes
V	CS 4xxx Humanities Elective Elective Elective	.	.

Year	Fall	Spring	Summer
I	CS 2010 GSW 1110 MATH 1340 Language I Social Science	CS 2020 CS 2170 GSW 1120 MATH 1350 Language II	.
II	CS 3350 MATH 2220 Fine Arts Language III Natural Science	CS 3010 Social Science MATH 2470 Language IV Natural Science	CS 3000 ¹ available
III	CS 3270 Literature Social Science Elective Elective ¹	CS 3240 Humanities Social Science Elective Elective ¹	CS 3000 ¹ available
IV	CS 4xxx CS 4xxx Elective Elective Elective	CS 4xxx Humanities Elective Elective Elective	.

For details, see <http://www.bgsu.edu/departments/compsci/undergraduate/bs-sample-coop.html> or <http://www.bgsu.edu/departments/compsci/undergraduate/bs-sample.html>

Year	Campus	Fall	Spring	Summer
I	Firelands	CS 2010 GSW 1110 MATH 1290 Language I Social Science	CS 2020 CS 2170 GSW 1120 MATH 1310 Language II	.
II	Firelands	CS 3xxx Telecourse ¹ Fine Arts Language III Natural Science Elective	CS 3xxx Telecourse ¹ Social Science Language IV Natural Science Elective	Possible Internship (CS 3000 ³ also available)
III	Firelands and/or BGSU	CS 3xxx Telecourse ¹ Literature Social Science MATH 2220 ² Elective ³	CS 3xxx Telecourse ¹ Fine Arts, Literature or Humanities Social Science MATH 2470 ² Elective ³	Possible Internship (CS 3000 ³ also available)
IV	Firelands and/or BGSU	CS 4xxx ² CS 4xxx ² Elective Elective Elective	CS 4xxx ² Fine Arts, Literature or Humanities Elective Elective Elective	.

For details, see <http://www.bgsu.edu/departments/compsci/undergraduate/firelands2bgsu.html>