



Forbidden Course Choices and Science Electives

There are a small number of situations affecting student course choices that are not completely described on the Computer Science Worksheet. Many of these situations involve cases of duplicate credit or courses that are not appropriate for the Computer Science program. We list these situations here:

- 1) Some Computer Science majors may be advised based on the results of placement exams to take courses that may not be used to fulfill degree requirements. For example, UWRT 100 (Critical Reading and Writing) may need to be taken prior to taking UWRT 150 (FYW: Writing Seminar), but credits from taking UWRT 100 are not counted anywhere on the Computer Science worksheet.
- 2) Computer Science majors may not use MATH courses numbered 170 and below for credit toward their degree. For example, MATH 101 (College Algebra) or MATH 111 (Precalculus) may need to be taken prior to starting a calculus sequence, but credits from taking MATH 101 or MATH 111 are not counted anywhere on the Computer Science worksheet.
- 3) Computer Science majors who choose to complete their lab science sequence using physics may not take PHYS 111 or PHYS 112 for credit, either as science, free, or General Education electives.
- 4) Computer Science majors who choose to complete their lab science sequence using either chemistry or biology may take PHYS 111 (College Physics I) and/or PHYS 112 (College Physics II) and use PHYS 111/112 toward either science, free, or General Education electives.
- 5) Computer Science majors who choose to complete their lab science sequence using chemistry may not take the following courses for credit, either as science, free, or General Education electives:
 - CHEM 151 (General Chemistry) (this course is not approved as a General Education elective and may not be used as a science elective in any case)
 - CHMG 111 (General-Organic-Biochemistry I)
 - CHMG 112 (General-Organic-Biochemistry II)
 - CHMG 121 (Chemical Principles & Applications)
 - CHMG 122 (Chemistry of Water & Wastewater)
 - CHMG 123 (Chemistry of Materials)
 - CHMG 131 (General Chemistry for Engineers)
- 6) Computer Science majors who choose to complete their lab science sequence using either physics or biology may take any of the courses listed in point 5 and use toward either science, free, or General Education electives, with the exception that CHEM 151 may only be used as a free elective in this situation.
- 7) Computer Science majors who choose to complete their lab science sequence using biology by specifically taking BIOL 101/103 and BIOL 102/104 **may not** take the following courses for credit, either as science, free, or General Education electives:

- BIOG 101 (Explorations in Cellular Biology and Evolution)
- BIOG 102 (Explorations in Animal and Plant Anatomy and Physiology)
- BIOG 103 (Explorations in Cellular Biology & Evolution Lab)
- BIOG 104 (Explorations in Animal and Plant Anatomy & Physiology Lab)

Computer Science majors who choose to complete their lab science sequence using biology by specifically taking BIOG 101/103 and BIOG 102/104 **may not** take the following courses for credit, either as science, free, or General Education electives:

- BIOL 101 (General Biology I)
- BIOL 102 (General Biology II)
- BIOL 103 (General Biology I Lab)
- BIOL 104 (General Biology II Lab)

Computer Science majors who choose to complete their lab science sequence using biology, but who mix some BIOL courses with some BIOG courses as outlined on the Computer Science Worksheet should consult with their academic advisor as to the applicability of selected courses.

- 8) Computer Science majors who choose to complete their lab science sequence using either physics or chemistry may take any of the courses listed in point 7 and use toward either science, free, or General Education electives.
- 9) Computer Science majors are reminded that **valid science electives** may only be **chosen from courses offered by science programs housed in the College of Science and only courses that are also approved as General Education electives**. For example, while CHEM 201 (Clean Energy: Hydrogen Fuel Cells) may be taken as a free elective, it is not approved as a General Education elective, hence it may not be used as a science elective.

Courses from Mathematics (MATH) or Statistics (STAT) **may not** be used to fulfill science electives. Courses from other colleges (for example, the College of Health Sciences and Technology), **may not** be used to fulfill science electives. Courses from Honors Science and Mathematics (HOSM) are evaluated on a course by course basis. Courses from Interdisciplinary Science (ITDS) that are classified as General Education electives may be used to fulfill science electives.