

## Additional Placement Information

### 1. Anthropology

- a) Any APY course will fulfill the Social Sciences Gen Ed requirement.
- b) APY 105 is the introductory course which gives students the broadest overview of the field of Anthropology. APY 106, 107, and 108 are introductory courses in the three main subfields in Anthropology. These three courses are all required of APY majors. Any of these four courses are appropriate for non-majors. **APY 105 will not satisfy a major requirement.**

### 2. Biology

- a) There are three different introductory sequences in Biology that can be used to fulfill the Natural Sciences Gen Ed requirement - BIO 129/130 (labs included), BIO 200/201 (labs included), and BIO 200/309 (labs included).
- b) BIO 129/130 is Human Biology, and is a good choice particularly for non-science majors who wish to take a Biology sequence.
- c) BIO 200/201 or 200/309 are for Biology majors, and others who wish to have a broad-based, rigorous introduction to the Biological sciences.

### 3. Computer Science

- a) CSE 115 does not require students to have significant prior experience using a high-level programming language. CSE 115 is the introductory course for all CS and CEN majors who have had at least 4 years of high school math and at least some experience using a computer. CS and CEN majors who do not meet these limited criteria should enroll in remedial math courses (if they are deficient in their mathematical background) and/or CSE 101 (if they have never used a computer before) prior to taking CSE 115. NOTE THAT ONE OF MTH 121, MTH 131, or MTH 141 IS A CO-REQUISITE OF CSE 115. Students pursuing a BS in CS or CEN must take MTH141.
- b) CSE 113 is designed primarily for Management majors. MIS majors must complete CSE 113.
- c) CSE 101 is an elective for students wishing to learn more about computers and their use. It can NOT be used to help fulfill the Math Gen Ed requirement.
- d) The CSE 111 fulfills the Math Gen Ed requirement. Note: CSE 111 is offered each semester and should be recommended if a student is not mathematically prepared for CSE115.

### 4. Dance

Placement in Dance instruction classes is by audition; due to space limitations. Dance instruction classes are currently open to majors only.

## **5. Engineering Courses (including CHE 107 General Chemistry for Engineers; excluding 100 level CSE courses)**

Enrollment into engineering courses requires admission as an approved major into engineering. We will not accept force registration requests from students who are not admitted or who do not meet our admissions criteria. In addition, CHE 107 registrations will be screened on a monthly basis. Students who are not an approved engineering major will be dropped from CHE 107. UB Engineering admission information is available online at: [http://www.eng.buffalo.edu/admission\\_top.php](http://www.eng.buffalo.edu/admission_top.php).

## **6. Geography**

- a)** GEO 101/106 (lab incl. in 106) is the only sequence in Geography that can be used to fulfill the Natural Science Gen Ed requirement. GEO 106 is not required for all GEO majors.
- b)** GEO 102, 103 and 120 are major courses that may be taken by non-majors as electives.
- c)** All GEO majors must take 101, 102 and/or 103 (depending on concentration), and 120.
- d)** GEO 100 is a non-majors elective course. Any GEO course satisfies a Soc Science Gen Ed.

## **7. Geology**

- a)** GLY 101/102 (lab incl. in 101 and 102) and GLY 103/104 (lab incl. in 103 & 104) - Both of these sequences are approved to fulfill the Natural Science Gen Ed requirement. Geology majors may complete either sequence.

## **8. Media Study**

- a)** Students wishing to take a DMS course to satisfy their Arts Gen Ed requirement or as a free elective may take any of the concentration-dependent intro courses: DMS 101 (film), 103 (Video), 105 (Documentary), 107 (Film History), or 121 (Digital Arts). However, these courses are required of majors and may be difficult to get into. DMS 109 is an alternative choice for non-majors.

## **9. Music**

- a)** Any MUS class of 3+ credit hours will satisfy the Arts Gen Ed requirement.
- b)** Placement into Music instruction classes (i.e., lessons) is by audition, for majors or non-majors.

## 10. Physics

**a)** There are four different sequences in Physics that can be used to fulfill the Natural Sciences Gen Ed requirement - PHY 101/102 (lab - 151/152), PHY 107/108 (lab - 158 with 108), PHY 117/118 (lab 158 with 118), and PHY 121/122 (lab included).

**b)** PHY 101 is designed for students who have completed a high school Physics course and are prepared to enroll in a math class at the pre-calculus level (MTH 115 or ULC 148) or higher. Students with insufficient Physics or Math preparation may enroll in PHY 100 to help them prepare for PHY 101/102. They should understand, however, that PHY 100 is only a 2-credit hour course available in the summer and will not count toward their Natural Science Gen Ed requirement.

**c)** Students with sufficient Physics and Math preparation should choose intro Physics classes based on their majors:

- PHY 101/102 - for most majors that require Physics, or for Gen Ed - Calculus not required.
- PHY 107/108 - primarily for Physics, Chemistry and Engineering majors - MTH 141/142 are co-requisites of PHY 107/108.
- PHY 117/118 - primarily for University Honors students, or others with instructor's permission - MTH 141/142 are co-requisites of PHY 117/118.
- PHY 121/122 (Astronomy) - recommended for non-science majors, to satisfy the Gen Ed requirement - Calculus not required.