GUIDELINES FOR THE ADVANCED MATHEMATICS, PHYSICS, CHEMISTRY OR BIOLOGY ELECTIVE

Eligible fields of study

The advanced mathematics, physics, chemistry or biology elective has been expanded and can be met by a course in the following fields of study:

- BCH  Biochemistry
- BIO  Biology
- C S  Computer Science
- CH   Chemistry
- M    Mathematics
- PHY  Physics
- SDS  Statistics and Data Sciences

Rules for approved courses

• The course must be upper-division. If the last two digits of a course number are higher than 19 and lower than 80, the course is upper-division.

• The course must be 3 or 4 credit hours.

• M 340L and M 341 are not approved for this elective due to content overlap with M 427J.

• CH 353M is not approved for this elective due to content overlap with CH 353.

Additional notes

• The department recommends that students take M 427L to meet this elective. Future catalogs will include M 427L as a required course.

• Courses marked "same as" on the course schedule are viewed as equivalent. CHE 355, for example, can be counted as CH 367L for this elective.

• Additional courses may be approved by the ChE Undergraduate Faculty Advisor and require approval prior to registering for the course.

• Not all courses may be offered every semester. Check a current course schedule for course offerings. It is the student's responsibility to check that all prerequisites and corequisites are met prior to enrolling in a course.

Common courses

- BCH 369  Fundamentals of Biochemistry
- BIO 320  Cell Biology
- BIO 325  Genetics
- CH 354L  Physical Chemistry II
- CH 371K  Science Outreach in Elementary Schools
- M 362K  Probability I
- M 427L  Advanced Calculus for Applications II

Updated 3/27/18