



Approved Non-CS Electives and Sequences

Approved Lab Science:

One of the following 15 credit sequences, including their associated laboratories.

General Physics with Calculus: PH 211 (4), PH 212 (4), PH 213 (4)

Labs: PH 214 (1), PH 215 (1), PH 216 (1)

General Chemistry: CHEM 221 (4), CHEM 222 (4), CHEM 223 (4)

Labs: CHEM 227 (1), CHEM 228 (1), CHEM 229 (1)

Principles of Biology: BI 211 (4), BI 212 (4), BI 213 (4)

Labs: BI 214 (1), BI 215 (1), BI 216 (1)

Approved Science Elective:

Four credits (4) of a Biology, Chemistry, Physics, Geology, or Environmental Science course.

Approved Mathematics Electives:

Complete seven (7) credits from the following approved Math electives:

- MTH 253 Calculus III OR MTH 261 Introduction to Linear Algebra (4)
- MTH 311 Introduction to Mathematical Analysis (4)
- MTH 343 Applied Linear Algebra (4)
- MTH 344 Intro. to Group Theory and Applications (4)
- MTH 346 Number Theory (4)
- MTH 356 Discrete Mathematics (4)
- MTH 457 The Mathematical Theory of Games (3)
- MTH 458 The Mathematical Theory of Games (3)
- MTH 461 Graph Theory I (3)
- MTH 462 Graph Theory II (3)
- STAT 366 Introduction to Experimental Design (4)
- STAT 451 Applied Stats for Engineers & Scientists I (4)
- STAT 452 Applied Stats for Engineers & Scientists II (3)
- STAT 467 Applied Probability I (3)
- STAT 468 Applied Probability II (3)