



Secondary Education Biology

The content and education courses to be taken at the community college for the Biology Secondary Education concentration are listed below. These courses are offered at Towson University and are identified by their TU course numbers. To determine course equivalencies and confirm transferability of courses taken at a Maryland community college visit www.artsys.usmd.edu.

SEMS 230	Knowing & Learning (3 units) [waived if Educational Psychology is taken at CC]
BIOL 201	Biology I: Cellular Biology & Genetics (4 units)
BIOL 202	Introduction to Ecology and Evolution (4 units)
BIOL 205	General Botany (4 units)
BIOL 207	General Zoology (4 units)
CHEM 131 and CHEM 131L	General Chemistry I (3 units) and General Chemistry I Laboratory (1 unit)
CHEM 132 and CHEM 132L	General Chemistry II (3 units) and General Chemistry II Laboratory (1 unit)
CHEM 330 or CHEM 331 and CHEM 332	Essentials of Organic Chemistry (5 units) or Organic Chemistry I (5 units) and Organic Chemistry II (5 units)
MATH 211 or MATH 273 or MATH 237 or PSYC 212	Calculus for Applications (3 units) or Calculus I (4 units) or Elementary Biostatistics (4 units) or Behavioral Statistics (4 units)
PHYS 211 or PHYS 241	General Physics I – non-calculus based (4 units) or General Physics I – calculus based (4 units)
ASTR 161 or GEOG 377 or GEOL 121 or GEOL 123	Astronomy (4 units) or Meteorology (3 units) or Physical Geology (4 units) or Historical Geology (4 units)

For additional information or questions please contact Linda Cooper (lcooper@towson.edu) or Christine Roland (croland@towson.edu).