



Secondary Education Chemistry

The content and education courses to be taken at the community college for the Chemistry 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 elsewhere]
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 331	Organic Chemistry I (5 units)
CHEM 332	Organic Chemistry II (5 units)
PHYS 211 and PHYS 212 or PHYS 241 and PHYS 242	General Physics I (non-calculus based) (4 units) and General Physics I (non-calculus based) (4 units) or General Physics I (calculus based) (4 units) and General Physics I (calculus based) (4 units)
BIOL 190 or BIOL 201	Introductory Biology for the Health Professions (4 units) or Biology I: Cellular Biology and Genetics (4 units)
GEOL 121 or ASTR 161	Physical Geology (4 units) or Astronomy (4 units)
MATH 211 or MATH 273	Calculus for Applications (3 units) or Calculus I (4 units)

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