



Secondary Education Earth-Space Science

The content and education courses to be taken at the community college for the Earth-Space Science 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]
GEOL 121	Physical Geology (4 units)
GEOL 123	Historical Geology (4 units)
ASTR 161	General Astronomy I (4 units)
BIOL 120 and BIOL 120L	Principles of Biology (3 units) and Principles of Biology Lab (1 unit)
CHEM 131 and CHEM 131L	General Chemistry I Lecture (3 units) and General Chemistry I Lab (1 unit)
CHEM 132 and CHEM 132L	General Chemistry II Lecture (3 units) and General Chemistry II Lab (1 unit)
PHYS 211	General Physics I (4 units)
PHYS 212	General Physics II (4 units)
MATH 115 or MATH 119 or MATH 211 or MATH 273	Basic Mathematics for the Sciences (3 units) or Pre-Calculus (4 units) or 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).