The physical science major is an interdisciplinary program designed for students interested in material science, engineering, science teaching, and any other field in which a good background in both physics and chemistry is required. Physical science majors must also take basic courses in mathematics (see requirements below) with MTH 206 recommended. Students interested in material science should consider taking CHM 321.

Requirements for a major in physical science: PHY 171 and PHY 172 (preferred for all and required for anyone planning to use the physical science major as preparation for engineering study) or combinations including PHY 151 and PHY 152 or PHY 171 and PHY 152, or PHY 151 and PHY 172 (with permission of the instructor); PHY 251, and four additional credits in physics chosen from 330, 340, 360, or 412; CHM 111 and 112, 211, 214, and 334; MTH 202 or higher; two credits of seminar (PHY 500 and CHM 501). A senior thesis is required. Students majoring in physical science may not major or minor in chemistry or physics.

Requirements for a teaching major in physical science: all courses for the physical science major listed above including PHY 360, the senior thesis, plus the course Teaching of Physical Science (cross listed as PHY 401 and CHM 401) and BIO 120.

Requirements for Broad Field Sciences Teacher Licensure (Grades 6-12/EA-A Licensure): students are required to complete distribution requirements, a minor in educational studies and either the 1) chemistry-biology major plus the following courses; PHY 251, PHY 360, either BIO 219 or BIO 247 (depending on the emphasis in the major), or 2) the physical science major including PHY 360 plus the following courses: BIO 121, BIO 219, BIO 247, either BIO 211 or BIO 216, and both BIO 401 and PHY/CHM 401. Teaching methods coursework (PHY/CHM 401 and BIO 400) is required for licensure but will not count toward the major.