

Physical Sciences

Associate of Science with Specialization in Chemistry

Typical class schedule in core, elective and general education courses for two-year specialization intended for transfer to Bachelor's programs in Chemistry and Professional Schools.

<p><i>Fall Semester first year</i></p> <p>CHEM 1020 General Chemistry I 5 CHEML 1020 General Chemistry I Laboratory 0 MATH 1450 Precalculus Algebra and Trigonometry ... 5 or MATH 2200 Calculus I 5 PHYS 1110 General Physics I (optional) 4 and PHYSL 1110 General Physics I Laboratory (optional) . . 0 or PHYS 1310 and PHYSL 1310 (Spring Semester)-> 4 General Education Requirement 3-4 Wellness 1</p> <p>TOTAL 15-19</p>	<p><i>Spring Semester first year</i></p> <p>CHEM 1030 General Chemistry II 4 CHEML 1030 General Chemistry II Laboratory 0 MATH 2200 Calculus I 5 or MATH 2205 Calculus II 5 PHYS 1120 General Physics II (optional) 4 and PHYSL 1120 General Physics II Laboratory (optional) . 0 or PHYS 1310 College Physics I (optional) 4 and PHYSL 1310 College Physics I Laboratory (optional) . . 0 General Education Requirement 3-4 Wellness 1</p> <p>TOTAL 15-19</p>
<p><i>Fall Semester second year</i></p> <p>CHEM 2320 Organic Chemistry I 4 CHEML 2320 Organic Chemistry I Laboratory 0 MATH 2205 Calculus II 5 or MATH 2210 Calculus III (optional) 5 PHYS 1320 College Physics II (optional) 4 and PHYSL 1320 College Physics II Laboratory (optional) . . 0 General Education Requirement 3-6</p> <p>TOTAL 15-19</p>	<p><i>Spring Semester second year</i></p> <p>CHEM 2340 Organic Chemistry II 4 CHEML 2340 Organic Chemistry II Laboratory 0 MATH 2210 Calculus III (optional) 5 or MATH 2310 Applied Differential Equations (optional) . . 3 CHEM 2230 Quantitative Analysis (optional) 4 CHEML 2230 Quantitative Analysis Laboratory (optional) 0 Capstone: MATH 2310 or BIOL 2395 1-3 General Education Requirement 3-6</p> <p>TOTAL 12-21</p>