

**College of Science and Mathematics**

**Department:** Physics

**Major Program:** Bachelor of Arts Physics: Physical Sciences Licensure Program

**Minor Program:**

**Certificate Program:**

Current	Hours
<b>I. General Education</b> Required Substitutions: MTH 229 and 230 PHY 240/200, 242/202, 244/204  <b>Area VI:</b> Choose one <b>AFS 200, ATH 241, ATH 242, HST 220, HST 221, PHL 200, FIN 205, EH 205, PSY 110, SM205</b>	40
<b>II. Departmental Core Requirements</b>  PHY 240/200, 242/202, 244/204  PHY 107/117, 260, 315, 316 371, 420, 446, 447, 450  Physics elective: PHY 322 or 372 or 451	16  31  3
<b>III. Related Course Requirements</b>  BIO 111, 112 <b>CHM 121, 122, 123</b> CHM 211/215, 212/216, 213/217, 312/314, 451 GL 251/252, 253/254, 255/256 Math 253 or 255 MTH 229, 230, 231, 232, 233	8 15 28.5 13.5 3 25
<b>IV. Electives</b>  <b>Electives</b> outside the College of Science & Mathematics and College of Engineering & Computer Science (must include ED 221, 223, 301, 303, EDS 333)	27
<b>Total</b>	210

New	Hours
<b>I. General Education</b> Required Substitutions: MTH 229 and 230 PHY 240/200, 242/202, 244/204  <b>Area VI:</b> Choose one <b>EES260, PSY 110, SM205</b>	40
<b>II. Departmental Core Requirements</b>  PHY 240/200, 242/202, 244/204  PHY 107/117, 260, 315, 316 371, 420, 446, 447, 450  Physics elective: PHY 322 or 372 or 451	16  31  3
<b>III. Related Course Requirements</b>  BIO 111, 112 <b>CHM 121/125, 122/126, 123/127</b> CHM 211/215, 212/216, 213/217, 312/314, 451 GL 251/252, 253/254, 255/256 MTH 253 or 255 MTH 229, 230, 231, 232, 233	8 15 28.5 13.5 3 25
<b>IV. Electives</b>  <b>Electives</b> outside the College of Science & Mathematics and College of Engineering & Computer Science (must include ED 221, 223, 301, 303, EDS 333)	27
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**Notes:**