

Curriculum in Bioengineering

Bioengineering Track

All students who select the *Engineering Physics* program major must complete the general education program as required of all students (See General Education Requirements). In addition, students must take Physics 191, 192, 201, 202, 220, 361, 362, 401, 402, 418; Engineering 205, 210, 211, 212, 220, 221, 302, 309, 340; Mathematics 251, 252, 253; Chemistry 101, and technical electives specific to each [track](#) [1].

Technical Elective Selection

Students who desire to major in *Engineering Physics* in the **Bioengineering track** will choose a minimum of 12 credits from technical electives from among the following:

Course	Course Name	Credits
26-316	Introduction to Optics	4
21-303	Topics in Bioinformatics	3
26-331	Mathematical Methods of Physics I	3
26-332	Mathematical Methods of Physics II	3
26-313	Analytical Mechanics I	3
26-314	Analytical Mechanics II	3
26-317	Foundations in Bioengineering	4
26-410	Molecular Engineering Systems	4
26-409	Biosensors & Bioinstrumentation	3
26-406	Modern Optical Techniques	4

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[3] <http://www.desu.edu/cmnst>