

Combined Plan (3-2 Program)

Physical Sequence

(August 2021)

The Physical Sequence is appropriate for all areas of engineering. Prospective 3-2 students are urged to meet with the 3-2 Liaison Officer before the end of sophomore year to identify any additional required courses specific to their chosen field.

	<u>Fall</u>	<u>Spring</u>
Year 1:	FYS Seminar Core Distribution (Math 110, 114) Physics 110	FYS Seminar Core Distribution (Math 120, 128) Physics 117
Year 2:	Core Distribution Physics 230 (Math 212, 214) [#] (Foreign Language 1/Chem 120)	Physics 240 CS 131 (Math 212, 214) [#] (Foreign Language 2/Econ 101)
Year 3:	Physics 310 Physics 320 (Chem 120/Foreign Language 1) [Physics Selective*]	{Physics 330/340} (CS 229/Math 341/Math 342) (Econ 101/Foreign Language 2) [Physics Selective*]

Notes:

1. Prospective 3-2 students must place into Math 110 or above. Please consult the Mathematics Department for details.
2. Students are encouraged to take Math 340: Ordinary Differential Equations.
3. Students considering Electrical or Biomedical Engineering should take Physics 262: Electronics.

* A course from the 260/360 series, or any 300-level physics course not otherwise required for the 3-2 Program.

‡ Students should complete both these courses by the end of sophomore year.

These courses may be taken in either order.

(...) One of the courses given in parentheses should be taken.

{...} Courses in curly brackets are not actually required of 3-2 students, but are strongly recommended since they allow for an easy transition into the physics major should the student decide not to continue in the 3-2 program.