

# ***Combined Plan (3-2 Program)***

## ***Physical Sequence***

(August 2026)

*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 enrolling for junior-year classes to identify any additional required courses specific to their chosen field.*

*Prospective 3-2 students must place into Math 110, 114 or above. Consult the Mathematics Department for details.*

| <u>Fall</u>                 | <u>Spring</u>               |
|-----------------------------|-----------------------------|
| Year 1:                     |                             |
| FYS                         | FYS                         |
| Core Distribution           | Core Distribution           |
| (Math 110, 114)             | (Math 120, 128)             |
| Physics 107                 | Physics 110                 |
| Year 2:                     |                             |
| Core Distribution           | Physics 240                 |
| Physics 230                 | Physics 250                 |
| Math 212 or 214             | Math 214 or 212             |
| Foreign Language 1/Chem 120 | Foreign Language 2/Econ 101 |
| Year 3:                     |                             |
| Physics 310                 | {Physics 330 or 340}        |
| Physics 320                 | CS 131                      |
| Chem 120/Foreign Language 1 | Econ 101/Foreign Language 2 |
| [Math 340]                  | Core Distribution           |

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### Notes:

1. Only one of the courses listed in parenthesis is required.
2. A minimum of 27 non-technical units (excluding FYS, including Economics 101) are required.
3. Math 212 and 214 should be completed by the end of sophomore year.
4. Some areas of engineering require Math 340: Ordinary Differential Equations.
5. Courses in curly brackets are not required for the 3-2 program but are strongly recommended since they allow for an easy transition into the physics major should a student decide not to continue in the 3-2 program.