Three sample flowcharts are shown below: 2-year, 2-year + 1 quarter, 2-year + 2 quarters.

Each flowchart assumes all 100-level introductory physics courses are complete, all chemistry and math requirements are complete, and “GE certification” with only upper-division GE in areas C and D needed.

20 units of Technical Electives required (2 Labs, 11 units Physics Electives, 9 units Breadth Electives)

12 units of Free Electives required

**“2-year” plan**

**Year 1**

|  |  |  |
| --- | --- | --- |
| **Fall** | **Winter** | **Spring** |
| PHYS 211 (4) | PHYS 206 (4) | PHYS 202 (4) |
| PHYS 305 (4) | PHYS 301 (4) | PHYS 212 (4) |
| PHYS 320\* (4) | PHYS 321 (4) | *Tech Elective (3/4)* |
| *GE-UD (4)* | *PHYS 220 (1)* | *Free Elective (4)* |
|  | *Tech Elective (3/4)* |  |
| **Total = 16 units** | **Total = 16-17 units** | **Total = 15-16 units** |
| **Year 2** |  |  |
| **Fall** | **Winter** | **Spring** |
| PHYS 340 (2, L) | PHYS 341 (2, L) | PHYS 405 (4) |
| PHYS 408 (4) | PHYS 461 (2) | PHYS 462 (2) |
| *Tech Elective (3/4)* | *Tech Elective (3/4)* | *Tech Elective (3/4)* |
| *GE-UD (4)* | *Tech Elective (3/4)* | *Tech Elective (3/4)* |
| *Free Elective (4)* | *Free Elective (4)* |  |
| **Total = 17-18 units** | **Total = 14-16 units** | **Total = 12-14 units** |

Green = required, *Yellow* = Technical Elective, Purple = GE Upper-Division, *Blue* = Free Elective

\* PHYS 320 instructor approval required to override PHYS 211 prerequisite.

**“2 year + 1 quarter” plan**

**Year 1**

|  |  |  |
| --- | --- | --- |
| **Fall** | **Winter** | **Spring** |
| *GE-UD (4)* | PHYS 206 (4) | PHYS 202 (4) |
| *Free Elective (4)* | PHYS 211 (4) | PHYS 212 (4) |
| *Free Elective (4)* | *PHYS 220 (1)* | *Tech Elective (3/4)* |
|  | *Free Elective (4)* | *Tech Elective (3/4)* |
| **Total = 12 units** | **Total = 13 units** | **Total = 14-16 units** |
| **Year 2** |  |
| **Fall** | **Winter** | **Spring** |
| PHYS 305 (4) | PHYS 301 (4) | PHYS 405 (4) |
| PHYS 320 (4) | PHYS 321 (4) | PHYS 461 (2) |
| PHYS 340 (2, L) | PHYS 341 (2, L) | *Tech Elective (3/4)* |
| *Tech Elective (3/4)* | *Tech Elective (3/4)* | *Tech Elective (3/4)* |
| **Total = 13-14 units** | **Total = 13-14 units** | **Total = 12-14 units** |

|  |  |  |
| --- | --- | --- |
| **Year 3** |  |  |
| **Fall** | **Winter** | **Spring** |
| PHYS 408 (4) |  |  |
| PHYS 462 (2) |  |  |
| *Tech Elective (3/4)* |  |  |
| *GE-UD (4)* |  |  |
| **Total = 13-14 units** |  |  |

Green = required, *Yellow* = Technical Elective, Purple = GE Upper-Division, *Blue* = Free Elective

**“2 year + 2 quarter” plan**

**Year 1**

|  |  |  |
| --- | --- | --- |
| **Fall** | **Winter** | **Spring** |
| *GE-UD (4)* | PHYS 206 (4) | PHYS 202 (4) |
| *Free Elective (4)* | PHYS 211 (4) | PHYS 212 (4) |
| *Free Elective (4)* | *PHYS 220 (1)* | *Tech Elective (3/4)* |
|  | *Free Elective (4)* |  |
| **Total = 12 units** | **Total = 13 units** | **Total = 11-12 units** |
| **Year 2** |  |
| **Fall** | **Winter** | **Spring** |
| PHYS 305 (4) | PHYS 301 (4) | PHYS 405 (4) |
| PHYS 320 (4) | PHYS 321 (4) | *Tech Elective (3/4)* |
| PHYS 340 (2, L) | PHYS 341 (2, L) | *Tech Elective (3/4)* |
|  | *Tech Elective (3/4)* |  |
| **Total = 10 units** | **Total = 13-14 units** | **Total = 10-12 units** |
| **Year 3** |  |  |
| **Fall** | **Winter** | **Spring** |
| PHYS 408 (4) | PHYS 462 (2) |  |
| PHYS 461 (2) | *Tech Elective (3/4)* |  |
| *Tech Elective (3/4)* | *Tech Elective (3/4)* |  |
| *GE-UD (4)* |  |  |
| **Total = 13-14 units** | **Total = 8-10 units** |  |

Green = required, *Yellow* = Technical Elective, Purple = GE Upper-Division, *Blue* = Free Elective