Physics Majors: Option I and Option II

This is a chart showing a typical sequence of Physics and Math courses over the first three years of an Option I or Option II major.

- MATH 166 Calc I (4)
- MATH 167 Calc II (4)
- PHYS 361 or MATH 266 (3)
- PHYS 279 (1) Internships
- PHYS 131 (5)
- PHYS 132 (5)
- PHYS 311 (4) Electronics
- PHYS 311 (4) Electrics
- PHYS 211 (3) Programming (recommended)
- PHYS 211 (3) Programming (optional)
- PHYS 162 (4) Modern Phys.
- PHYS 264 (4) Modern Phys.
- PHYS 362 MPE II (3)
- PHYS 204 (1) Intermed. Lab
- PHYS 204 (1) Intermed. Lab
- PHYS 204 (1) Intermed. Lab
- Electives:
  - (odd years)
    - 420 Optics (4)
    - 465 Quantum (4)
  - (even years)
    - 415 Thermo (3)
    - 441 Mechanics (4)
- Electives:
  - (odd years)
    - 313 Digital (4)
    - 426 Nuc&Part (4)
    - 427 CMP (4)
  - (even years)
    - 312 Analog (4)
    - 318 Astrophys (3)
    - 324 Acoustics (3)
    - 442 E&M (4)

362 & 204 must be taken together

MATH 256 Linear Alg is required for PHYS 465
PHYS 465 is required for PHYS 427
PHYS 379 Internship credit is also an elective
PHYS 485 Senior Seminar is required and usually taken in your last semester