Suggested Schedule for Undergraduate Physics Major

**Freshman Year:**
- **Fall**
  - PHYS 101 (Survey of Physics and Astrophysics)
  - PHYS 110 (Introductory Astronomy)
  - MATH 165 (Calculus I)
  - CHEM 121/121L (General Chemistry I)
- **Spring**
  - PHYS 251/251L (University Physics I)
  - MATH 166 (Calculus II)
  - CHEM 122/122L (General Chemistry II)

**Sophomore Year:**
- **Fall**
  - PHYS 252/252L (University Physics II)
  - MATH 265 (Calculus III)
  - MATH 207 (Introduction to Linear Algebra)
- **Spring**
  - PHYS 253 (University Physics III)
  - MATH 266 (Elementary Differential Equations)

(For a student who began taking upper division classes in an odd year)

**Junior Year:**
- **Fall**
  - PHYS 317 (Mechanics I)
  - PHYS 431 (Quantum Mechanics I)
  - PHYS 428 (Advanced Physics Lab)
- **Spring**
  - PHYS 318 (Mechanics II)
  - PHYS 324 (Thermal Physics)
  - PHYS 432 (Quantum Mechanics II)
  - MATH 352 (Introduction to PDE)

**Senior Year:**
- **Fall**
  - PHYS 327 (E&M I)
  - PHYS 415 (Research Experience)
  - Physics Elective (see below)
- **Spring**
  - PHYS 328 (E&M II)
  - PHYS 325 (Optics)
  - PHYS 325L (Optics Lab)
  - Physics Elective (see below)

(For a student who began taking upper division classes in an even year)

**Junior Year:**
- **Fall**
  - PHYS 327 (E&M I)
  - Physics Elective (see below)
  - Physics Elective (see below)
Spring  PHYS 328 (E&M II)
    PHYS 325 (Optics)
    PHYS 325L (Optics Laboratory)
    MATH 352 (Introduction to PDE)
    Physics Elective (see below)

Senior Year:  Fall  PHYS 317 (Mechanics I)
    PHYS 431 (Quantum Mechanics I)
    PHYS 428 (Advanced Physics Lab)
    PHYS 415 (Research Experience)

Spring  PHYS 318 (Mechanics II)
    PHYS 324 (Thermal Physics)
    PHYS 432 (Quantum Mechanics II)

Physics Elective Courses

PHYS 320 (Introduction to Material Science)
PHYS 402 (Computers in Physics)
PHYS 420 (Advanced Topics in Material Science)
PHYS 434 (Nuclear Physics)
PHYS 437 (Introduction to Solid State Physics)
PHYS 460 (Astrophysics I)
PHYS 461 (Astrophysics II)