Note: Students with double majors receive only 1 SNC degree. Students may have to select degree sought if chosen majors qualify for different degrees.

# Physics

## Major B.S. degree (99-01 Catalog)

### General Graduation Requirements

Students must complete all the following general requirements plus the requirements of a major for graduation. Checks in the left column indicate completion of requirement.

- ☐ **32 Total Courses Earned**
- ☐ **2.000 Cummulative Grade Point Avg.**
- ☐ **Completion of Lower Biennium Reqs.**
  - **GS1** - RS106 or RS114
  - **GS2** - PL120
  - **GS3** - 1 from DS220, EC100, GE140, GE225, IS100, PS100, SC100, SC111
  - **GS4** - 1 from BL100, 120, 180, CH100, 105, DN104, GE120, GL105, 107, 120, PY101, 111, 121, 141
  - **GS5** - 1 from AR110, 115, 120, 205, DH100, 262, EN150, 212, 221, MU176
  - **GS6** - 1 from DH240, 261, 262, HS116, PO130, RS221, SC235, 265
  - **GS7** - Any foreign lang. thru 102 or 1 cr. beyond 102, or 1 from DH205, 208, 222, 280, HS111, 118, 120, 122, 130, PO260, WL207, 210
  - **GS8** - 1 from DS224, MT114, 115, 124, 131, 132
  - **GS9** - Writing Intensive Course
- ☐ **Completion of Upper Biennium Reqs.**

  Choose from courses below that are **not in your majo**r or for divisional courses (DH,DS,DN) **are not in your division** .
  - **GS1** - 1 from RS312, 318, 320, 322, 324, 325, 331, 333, 350, 355, 360
  - **GS10** - 1 from AR359, CO336, EN314, 321, 322, 385, HS330, 345, 350, MU315, PL310, 315, 330, 334, PO310, SC351, WL320, 325, 352
  - **GS11** - 1 from BL353, CO330, 343, DN301, 333, ED340, EN356, ES300, GL307, HS314, 316, 348, 349, 368, ID363, PL325, PO362, PS311, RS330, WL330
  - **GS12** - Must be taken at SNC. 1 from GS403, 405, 406, 407, 408, 410, 411, 413, 414, 415, 417, 418

***Note: Courses in major can not be used for Upper Bi GS as noted unless double majoring in different area***

PY121 General Physics I

PY122 General Physics II

PY211 Classical Mechanics

PY225 Circuit Analysis

PY241 Modern Physics

PY311 Statistical & Thermal Physics

PY321 Electricity & Magnetism

PY325 Modern Electronics

PY411 Quantum Mechanics

MT131 Calculus & Analytic Geometry I

MT132 Calculus & Analytic Geometry II

MT233 Calculus & Analytic Geometry III

MT310 Differential Equations

CS110 Intro to Computer Programming

**Additional Electives:**

### Senior & Transfer Residency Requirement

Transfer students must meet residency requirements of 8 courses at SNC and 1/4 of major at SNC. All students must take their senior year at SNC.

**Key to symbols:**

TR = Transfer/Study Abroad

CL = C.L.E.P.

AP = Advanced Placement

IP = In Progress

**Instructions**

This form serves as a checklist for degree requirements. As prepared, this form may not list all electives and transfer credit and may list a requirement in a number of columns. Consult OARS Academic History section to monitor total courses earned and GPA.