

2000-2001

Bachelor of Science
Non-Teaching B.S.
270*; 270B

Checksheet for Physics Major
(with concentration in
applied physics)

I. Core Curriculum Requirements: Physics 1150-1151 or 1103-1104 will count toward science requirement. Also Math 1110 will count toward math requirement. **44**

II. A major in physics leading to the Bachelor of Science (non-teaching) degree with a concentration in applied physics consists of a minimum of 32 semester hours in physics including:

PHYSICS:

MATHEMATICS:

1150 (W, ND) ____ 1103 (W, ND) ____ 1110 (ND) ____

OR

1151 (W, ND) ____ 1104 (W, ND) ____ 1120 (ND) ____

2010 ____ 2130 (ND) ____

2020 ____

2210 (W) ____ Electives required to complete 32 s.h.

3210 ____

4210 (W, S) ____

32
Core Curr. - **12-14**

III. AND at least 18 hours in an emphasis area. A committee consisting of two faculty members from physics and one from each of the other disciplines in the emphasis area must advise each student individually and approve a program of study and any subsequent modification. Some suggested emphasis areas are: astrophysics, geophysics, environmental physics, engineering electronics, radiation safety physics, medical physics, technical management, industrial physics, computational physics, mathematical physics, and technical writing. Many other combinations for emphasis areas are possible and will be developed in consultation with the departmental chairman and the faculty advisory committee. **18**

Note: A 2.0 average must be maintained in the major. (All required courses on Program of Study, sections II & III.)

IV. Minor (optional)

<p>Major Designators 2 Writing (W) ____ ____ 1 Speaking (S) ____ Communication Proficiency ____</p> <p>Other Designators 4 Writing (W) ____ ____ ____ ____ (ENG 1000/1100 will count as 2 W) 4 Multi Cultural (MC) ____ ____ ____ ____ (HIS 1101/1102 will count as 2 MC) 1 Cross Disciplinary (CD) ____ 2 Numerical Data (ND) ____ ____ 2 Computer (C) ____ ____</p>

V. Free electives to total a minimum of 122 s.h.
(2 s.h. of free electives must be outside the major discipline.)

40-42
122