

**PHYSICS**

- I. General Education:** Eight to ten semester hours (8-10 SH) of courses identified with an asterisk (\*) may be applied to satisfy the General Education Science Inquiry requirement.
- II. Physics Second Academic Concentration Requirements .....18 SH**
- A. Required Physics Courses .....8-10 SH**

PHY 1101 How Things Work\* (Prereq: ND. Coreq: MAT 1010,  
or MAT 1020 or MAT 1025).....4 SH (F)  
PHY 1102 Environment and Everyday Life\* (Prereq: PHY 1101) .....4 SH (S)

**OR**

PHY 1103 General Physics I\* (Prereq: ND. Coreq: MAT 1120  
or MAT 1025) .....4 SH (F;S)

PHY 1104 General Physics II\* (Prereq: ND, PHY 1103) .....4 SH (F;S)

**OR**

PHY 1150 Analytical Physics I\* (Prereq: ND, Coreq MAT 1110) .....5 SH (F;S)  
PHY 1151 Analytical Physics II\* (Prereq: ND. Coreq: MAT 1120).....5 SH (F;S)

**B. Additional Physics Requirements .....4-6 SH**

PHY 3400 Physics Instruction Practicum (Prereq: PHY 1104  
or PHY 1151).....3 SH (F)  
Physics and Astronomy courses number 2000 or higher .....1-3 SH

**Note: The total of A and B must be at least 14 semester hours.**

**C. Required Cognate Course .....4 SH**

Choose **ONE** of the following:

AST 1001 Introductory Astronomy I: The Solar System\* (Prereq: ND)....4 SH (F)  
BIO 1202 Biology in Society II\* Prereq: ND .....3 SH (F;S)  
CHE 1101 Introductory Chemistry I (Prereq: ND. Pre/Co req:  
CHE 1110) .....3 SH (F;S)  
CHE 1110 Introductory Chemistry I Laboratory\* (Prereq: ND.  
Pre/Co req: CHE 1101).....1 SH (F;S)  
GLY 1101 Introduction to Physical Geology\*.....4 SH (F;S)

**Note:** ND Prerequisite: Passing math placement test or successful completion of MAT 0010.

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