

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 Requirements18 SH**
- A. Required Physics Courses8-10 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 Requirements4-6 SH

PHY 3400 Physics Instruction Practicum (Prereq: PHY 1104
or PHY 1151).....3 SH (F)
Physics and Astronomy courses number 2000 or higher1-3 SH

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

C. Required Cognate Course4 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: ND3 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.

Contact Person: Dr. Michael Briley, Chairperson
Department of Physics and Astronomy
231 Garwood Hall
262-3090