

**SCHOOL OF SCIENCE AND COMPUTER ENGINEERING
BACHELOR OF SCIENCE IN PHYSICAL SCIENCES
2005-2006 CATALOG**

GENERAL DEGREE REQUIREMENTS

- * A minimum of 132 hours for the bachelor of science degree. A maximum of three hours of lower-level “activities” courses may be applied toward graduation. No more than 18 semester hours of previously earned lower-level credit may have been taken by correspondence, extension or CLEP.
- * At least 54 semester hours of upper-level work. Correspondence, extension or CLEP credit cannot be used to fulfill this requirement.
- * At least 30 hours of the degree plan, including 12 hours in the major, must be taken in residence at UHCL.
- * A cumulative GPA of 2.000 on course work completed at UHCL with grades of “C” or better on at least 30 hours of resident upper-level work. Grades of “C-“ and below cannot be applied toward the 30 hours of resident upper-level work.
- * Remain continuously enrolled (complete at least one course in a 12 month period) or meet requirements of a later catalog.
- * Complete the degree within seven years or meet requirements of a later catalog.

BASIC REQUIREMENTS

For the degree being pursued, program requirements listed on the transfer plan section of this document and indicated by the # sign should be completed with grades of “C-“ or better before beginning the upper level program and finalizing a Candidate Plan of Study. All program core requirements must be completed with a grade of “C-“ or better.

PHYSICAL SCIENCE REQUIREMENTS for B.S. degree (39 hours)

PHYS 3031/3011 University Physics with Laboratory	4 hrs
PHYS 3032/3012 University Physics with Laboratory	4 hrs
CHEM 3230 Survey of Physical Chemistry	3 hrs
CHEM 3234 Organic Chemistry II	3 hrs
INDH 3034 Safety, Health and Liability in Schools	3 hrs
MATH 3038 Computational Statistics	3 hrs
PHYS 3033 Modern Physics	3 hrs
PHYS 4031/4011 Methods in Physical Sciences w/Lab	4 hrs
Physical Science Electives	12 hrs

Physical Science Electives for the B.S. Degree

The 12 hours in physical science electives (ASTR, PHYS, CHEM, GEOL) are selected by students in consultation with a faculty adviser. These courses should be four of the following: ASTR 3131; CHEM 3333, 4532, 4535; PHYS 4331, 4432.

The balance of required upper level hours may consist of approved electives.

ADDITIONAL COURSES NECESSARY TO MEET UPPER-LEVEL REQUIREMENT OR TO MEET MINIMUM REQUIRED HOURS FOR GRADUATION: _____
