

Academic Fact Sheet

Wayne State College

PRE-OCEANOGRAPHY EMPHASIS

The Pre-Professional Oceanography program is administered by the
Physical Sciences and Math Department.

Facts about the Program

Degrees Offered:

Transfer program only

Faculty:

Kelly Dilliard, Ph.D.

Career Opportunities

- Oceanographer
- Graduate school

Scholarships and Financial Aid

Wayne State College is committed to providing a quality, affordable education for its students. There are several types of financial assistance available for Wayne State students, including grants, loans, work-study and scholarships. The aid packages are composed of money from Pell grants, SEOG grants, SSIG grants, Perkins loans, Stafford student loans, PLUS loans and a variety of scholarships. Contact the Financial Aid Office at (402) 375-7230 for further information.

Program Description

The Pre-Oceanography program is designed to provide a strong background in science and mathematics as well as applicable general studies. This background will allow the student to transfer directly into an institution offering a degree program in oceanography.

Special Offerings

Students should consider completing a four-year degree in Chemistry, Biology or Math as a preparation for a graduate degree in oceanography.

For more information contact:

Physical Sciences and Math Department
Wayne State College
Wayne, NE 68787
(402) 375-7329 or 1-800-228-9972
preprof@wsc.edu
www.wsc.edu

PRE-OCEANOGRAPHY EMPHASIS

Students must complete the listed coursework below in addition to meeting the general education requirements.

FRESHMAN YEAR

CHE 106 General Chemistry I	4	CHE 107 General Chemistry II	4
MAT 130 Pre-Calculus OR		** EAS 120 Introduction to Geology	4
MAT 140 Calculus I	5	MAT 140 Calculus I	5
Gen Ed - Block 1 Elective	3	Gen Ed - Block 3 Electives	<u>3</u>
Gen Ed - Block 3 Elective	<u>3</u>		16
	15		

SOPHOMORE YEAR

*PHY 201 General Physics 1	3	* PHY 202 General Physics 2	3
PHY 321 Physics 1 Lab	1	PHY 322 Physics 2 Lab	1
*EAS 110 Introduction to Meteorology	4	EAS Elective	2-4
Gen Ed - Block 3 Elective	3	Gen Ed - Block 3 Elective	3
Gen Ed - Block 1 Elective	<u>3</u>	Gen Ed - Block 3 Elective	<u>3</u>
	14		12-14

SUMMER SESSION

***EAS 430 Oceanography	3
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JUNIOR YEAR

For students electing to stay the 3rd year at WSC, advise to specialize in one of the following areas:

- Chemistry
- Physics
- Biology
- Earth Science
- Mathematics

(A minimum of eight hours of science per term and a continuation of mathematics.)

SENIOR YEAR

For students completing four years at WSC, advise a major in chemistry, biology, mathematics or computer science in preparation for a graduate degree in oceanography.

- * Offered fall semester only
- ** Offered spring semester only
- *** Offered summer session only