

Academic Fact Sheet

Wayne State College

PHYSICAL SCIENCE FIELD ENDORSEMENT (56 Hours)

The Physical Science endorsement is administered by the Physical Sciences and Math Department.

Facts about the Program

Degrees Offered:

B.S.

Faculty:

Sally Harms, Ed.D.

Todd Young, Ph.D.

Career Opportunities

Eligible for certification by State of Nebraska to teach Physical Science in grades 7-12.

Special Offerings

Workshops

Field Courses

Program Description

The field endorsement in Physical Science will qualify the student to teach chemistry, earth science, physics, and physical science for grades 7-12 in Nebraska.

The student must meet all other requirements for graduation in addition to the courses listed on the back side of this sheet.

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.

For more information contact:

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

PHYSICAL SCIENCE FIELD ENDORSEMENT (56 Hours)

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

Completion of a total of 56 hours in Chemistry, Earth Science, Natural Science and Physics to include:

- A minimum of 18 hours in one area
- A minimum of 15 hours in other areas
- A minimum of 12 hours in a third area
- A minimum of 6 hours in Biology
- 5 hours of science electives

Physical Science endorsement students must complete MAT 130 Pre Calculus (5) to satisfy the math general education requirement. *Identifies science core courses. **Students may need to take summer classes to complete the requirements for this endorsement in four years. Check class schedules for summer offerings in each division.**

FRESHMAN YEAR

1st Semester

*CHE	106	General Chemistry I	4
*BIO	110	Biology Concepts	4
MAT	130	Pre-Calculus	5

2nd Semester

*CHE	107	General Chemistry II	4
EDU	201	Intro to Professionl Ed	3
*BIO	200	Zoology	4

SOPHOMORE YEAR

3rd Semester

*PHY	201	General Physics I	3
*PHY	321	General Physics I Lab	1
EDU	211	Child & Adolescent Growth & Development	3
SPD	151	Intro to Specical Education	3
*EAS	110	Intro to Meteorology	4

4th Semester

CHE	208	Intro to Organic Chemistry OR	4
CHE	314	Organic Chem I	
EDU	310	Reading & Writing in the Middle School	1
*EAS	120	Intro to Geology	4
*PHY	202	General Physics II	3
*PHY	322	General Physics II Lab	1

JUNIOR YEAR

5th Semester

*CHE	393	Laboratory Techniques	1
PHY	346	Mechanics OR	
PHY	356	Electricity and Magnetism	3
CHE	305	Analytical Chemistry	4
CHE	326	Biochemistry	4
EAS	393	Lab Techniques	1
EDU	321	Educational Psychology	3

6th Semester

EDU	322	Secondary Ed Practicum	1
EDU	400	Secondary Schools	2
EAS		Elective	4
*PHY	393	Lab Techniques	1

SENIOR YEAR

7th Semester

EAS	301	Astronomy OR EAS Elective	4
EDU	367	Human Relations Individual & Society	3
EDU	409	Science Content: Methods & Materials	2
EDU	323	Content Area Practicum	1

8th Semester

EDU	410	Student Teaching	12
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