

Academic Fact Sheet

Wayne State
College

LIFE SCIENCE/BIOLOGY-BIOLOGY TRACK (55 Hours) Conservation Biology and Pre-Forestry

The Biology major is administered by the Life Sciences Department.

Facts about the Program

Degrees Offered:

B.A.
B.S.

Faculty:

Mark Hammer, Ph.D.
Barbara Hayford, Ph.D.
Ronald Loggins, Ph.D.

Career Opportunities

Opportunities in the Biological Sciences are numerous. They include but are not limited to:

- Forestry & Wildlife
- Range Management
- Environmental Science
- Agriculture
- Laboratory Science
- Health Careers

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 Biology major is designed to give students a broad understanding of the field of biology. Students are advised in electives based on their interests and career plans. Students graduating with Life Science/Biology majors from WSC have gone on to permanent positions as natural resource managers, environmental educators and laboratory managers. Graduates have also furthered their education in graduate or professional schools.

For more information contact:

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

Academic Fact Sheet - Wayne State College

Life Sciences/Biology (55 Hours) Conservation Biology & Pre-Forestry

FRESHMAN YEAR

1st Semester

BIO 110	Biology Concepts	4
CHE 106	General Chemistry I	4
ENG 102	Composition Skills	3
	Gen Ed - Block 3 Electives	<u>3</u>
		14

2nd Semester

BIO 200/210	Zoology/Botany	4
CHE 107	General Chemistry II	4
PED 103	Lifestyle Assessment	2
	Gen Ed - Block 3 Electives	<u>6</u>
		16

SOPHOMORE YEAR

3rd Semester

BIO 320/325	Molecular Genetics/Ecology	4
CNA 100	Prin. of Human Comm.	3
HIS 120	World History	3
MAT 180	Applied Probability and Statistics	3
	Gen Ed - Block 3 Electives	<u>3</u>
		16

4th Semester

BIO 220/210	Zoology/Botany	4
* CHE 208	Intro to Organic Chemistry	4
	Gen Ed - Block 3 Electives	<u>9</u>
		17

JUNIOR YEAR

5th Semester

BIO 300/325	Molecular Genetics/Ecology	4
** BIO	Upper Level Electives	4
PHY 201	General Physics I	3
PHY 321	General Physics I Lab	1
	Gen Ed - Block 3 Elective	<u>3</u>
		15

6th Semester

** BIO	Upper Level Elective	4
BIO 370	Intro to Research	2
EPS 300	Educated Perspective Seminar	3
	General Elective	<u>6</u>
		15

SENIOR YEAR

7th Semester

BIO 301	Biology Seminar	1
BIO 394/465	Coop Ed or Continue Research	1
** BIO	Upper Level Electives	8
	Upper Level Electives	<u>6</u>
		16

8th Semester

BIO 425	Evolution	3
BIO 469 or 470	Senior Seminar or Research Project	
** BIO	Upper Level Electives	3
	Upper Level Electives	<u>9</u>
		16

* Organic Chemistry I and II (CHE 314 and 315) may be taken instead of CHE 208.

** Any BIO courses number 300 and above will serve as upper level electives, suggested electives include Invertebrate Zoology (BIO 300), Vertebrate Zoology (BIO 305), Conservation Biology (BIO 345), Advanced Zoology (BIO 400), Advanced Plant Science (BIO 405) and Advanced Ecology (BIO 450).