

# Academic Fact Sheet

# Wayne State College

## LIFE SCIENCES - FOOD SCIENCE & TECHNOLOGY

(39 Hours + transfer curriculum)

The program is administered by the Life Sciences Department.

### Facts about the Program

#### *Degrees Offered:*

B.S. Biology (WSC)

B.S. Food Science & Technology (University of  
Nebraska - Lincoln)

#### *Faculty:*

Doug Christensen, Ph.D.

### Career Opportunities

Students with dual B.S. degrees can expect to be competitive in the following environments:

- Clinical Laboratories
- Hospital Laboratories
- Research Centers
- Food Industry
  - Quality Assurance Labs
  - Quality Control Labs
  - Product Development Labs
  - Food Industry Technical Sales
  - Food and Drug Administration (F.D.A.)
  - United States Department of Agriculture (U.S.D.A.)
- Laboratory Science
- Medicine
- Agriculture

### 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

Students in Life Science - Food Science and Technology complete their first three years (95 hours) at Wayne State College; then they transfer to the University of Nebraska- Lincoln (UNL). After completion of all required credits at UNL as outlined by an affiliation agreement, the student will be granted a B.S. degree in Biology from WSC and a B.S. degree in Food Science and Technology from UNL.

### 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 - Food Science & Technology

### (39 Hours + 2-year Food Science Curriculum)

+ Minimum 95 hours prior to Food Science Curriculum

After completion of the program below, students must also complete BIO 394/465 and BIO 469/470 (this can be done while attending UNL). Students also complete FDST 405, 406 and 451 which will be applied to WSC credit.

Additionally, a two year curriculum at UNL is required.

#### FRESHMAN YEAR

##### 1st Semester

PED 103	Lifestyle Assessment	2
CHE 106	General Chemistry I	4
BIO 110	Biology Concepts	4
ENG 102	Composition Skills	3
MAT 121	College Algebra	<u>3</u>
		16

##### 2nd Semester

BIO 200/210	Zoology or Botany	4
CHE 107	General Chemistry II	4
CNA 100	Prin. of Human Communication	3
MAT 180	Applied Probability and Statistic	3
	Gen Ed - Block 3 Electives	<u>3</u>
		17

#### SOPHOMORE YEAR

##### 3rd Semester

BIO 320	Molecular Genetics	4
CHE 314	Organic Chemistry I	4
MAT 130	Pre-Calculus	5
HIS 120	World History	<u>3</u>
		16

##### 4th Semester

BIO 200 /210	Zoology or Botany	4
*CHE 315	Organic Chemistry II	4
	Gen Ed - Block 3 Electives	<u>9</u>
		17

#### JUNIOR YEAR

##### 5th Semester

	Gen Ed - Block 3 electives	6
*CHE 326	Biochemistry I	4
PHY 201	General Physics I	3
PHY 321	Physics Lab	1
	Elective	<u>3</u>
		17

##### 6th Semester

BIO 385	Microbiology	4
EPS 200	Seminar	3
BIO 370	Intro to Research	2
BIO 425	Evolution	3
	Gen Ed - Block 3 Elective	<u>3</u>
		15

**NOTE:** Prior to transfer, WSC students need to register for HSC 498.

Upon transfer to UNL, students will be expected to fulfill biology requirement shortfalls in the following areas:

- Remaining 14 credit hour minimum upper level biology course work (credit will be granted through the following Food Science and Technology courses: 405, 406, 420, 429, 451 and/or 455).

- Remaining 40 credit hour minimum upper level course work (any course numbered 300 or above).

- Remaining 125 hr. overall credit minimum required of a WSC biology degree.

+ 95 hours includes general education.

\* Recommended courses.