

# Academic Fact Sheet

# Wayne State College

## PRE-MEDICINE

The Pre-Medicine program is administered by the Life Sciences Department.

### Facts about the Program

#### *Degrees Offered:*

Transfer program: Most successful applicants in medical schools earn a B.S. in chemistry and/or biology. The curriculum outline is for a B.S. in Biology.

#### *Faculty:*

Doug Christensen, Ph.D.  
Glenn Kietzmann, Ph.D.  
Shawn Percy, Ph.D.

### Career Opportunities

After completing their pre-medical training at WSC, students go on to medical school. Opportunities for physicians are still very good in most of the United States, especially in rural areas of sparsely populated states like Nebraska, Kansas, Wyoming and the Dakotas.

### Special Offerings

Applicants may apply to virtually any school in the United States. Most apply to UNMC or Creighton University.

### 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

A minimum of 90 semester hours, including a pre-professional curriculum is required by UNMC and Creighton. However a bachelor's degree is recommended. Students apply to medical school during their senior year. Three year students are rarely accepted.

### 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

**PRE-MEDICINE**

The course work prescribed below covers all the pre-requisites for medical school at UNMC or Creighton University and will enable the student to earn a B.S. in Biology. A student may instead work toward a degree in Chemistry.

**FRESHMAN YEAR**

CHE 106	General Chemistry I	4	CHE 107	General Chemistry II	4
BIO 110	Biology Concepts	4	BIO 200/210	Zoology or Botany	4
ENG 102	Composition Skills	3	CNA 100	Princ. of Human Communication	3
* SPA 110	Elementary Spanish I	3		Gen Ed - Block 3 Electives	<u>6</u>
	Gen Ed - Block 3 Electives	<u>3</u>			17
		16			

**SOPHOMORE YEAR**

CHE 314	Organic Chemistry I	4	BIO 200/210	Zoology or Botany	4
BIO 320	Molecular Genetics	4	CHE 315	Organic Chemistry II	4
HIS 120	World History	3		Gen Ed - Block 3 Electives	3
PED 103	Lifestyle Assessment or		** MAT	By advisement	<u>3-5</u>
FCS 207	Nutrition	2-3			14-16
	Gen Ed - Block 3 Electives	<u>3</u>			
		16-17			

**JUNIOR YEAR**

*BIO 220	Human Anatomy	4	*BIO 340	Human Physiology	4
BIO 434	Adv. Cell Biology	4	PHI 300	Ethics and Values	3
PHY 201	General Physics I	3	PHY 202	General Physics II	3
PHY 321	General Physics I Lab	1	PHY 322	General Physics II Lab	1
	Gen Ed - Block 3 Electives	<u>3</u>	BIO 370	Intro to Research	2
		15		Electives	<u>3</u>
					16

**SENIOR YEAR**

BIO 301	Biology Seminar	1	*BIO 385	Microbiology	4
BIO 394 or 465	Internship or Cont. Research	1	BIO 300	Histology	4
EPS 300	Educated Perspective	3	BIO 425	Evolution	3
CHE 326	Biochemistry	4	BIO469/470	Senior Seminar or Research Project	1
	Electives	<u>8</u>	BIO	Electives	<u>3</u>
		17			15

\* Recommended.

\*\* MAT: UNMC requires either Statistics or Introductory Calculus.

Participation in this pre-professional program at WSC does not guarantee acceptance to a school of medicine.

Inasmuch as many rural physicians handle much of their own financial affairs, some business courses are suggested.