

Academic Fact Sheet

Wayne State College

CHEMISTRY HEALTH SCIENCE (CHLS) MEDICINE OPTION

The Health Science major is administered by the Physical Sciences and Math Department

Facts about the Program

Degrees Offered:

B.S.

Faculty:

Mary Ettel, Ph.D.

David Peitz, Ph.D.

Sharmin Sikich, Ph.D.

Todd Young, Ph.D.

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.

Scholarships in the department include:
W.G. Ingram Memorial Scholarship
Louise Wendt Lundquist Memorial Scholarship
Maier Science Scholarship

Program Description

The CHLS program is designed to prepare students for medical school with the goal of becoming a physician or similar health professional. Students may apply to the college of medicine of their choice except RHOP students who will automatically go to UNMC.

Career Opportunities

After completing this curriculum at WSC, students go on to medical school to become a physician, physician's assistant, or similar health profession. Opportunities for health professionals are still very good in most of the United States especially in rural areas of Nebraska, Kansas, Wyoming and the Dakotas.

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

CHEMISTRY HEALTH SCIENCE (CHLS) Medicine Option

Students must complete the listed coursework below in addition to meeting the general education requirements.
(RHOP students must earn a B.S. degree from WSC prior to transfer to UNMC.)

First Year

Fall				Spring			
BIO	110	Biology Concepts	4	CHE	107	General Chemistry II	4
CHE	106	General Chemistry I	4	MAT	140	Calculus	5

Second Year

Fall				Spring			
BIO	220	Human Anatomy	4	BIO	340	Human Physiology	4
CHE	314	Organic Chemistry I	4	CHE	315	Organic Chemistry II	4
PHY	301	University Physics I	4	PHY	302	University Physics II	4
PHY	321	Physics Lab	1	PHY	322	Physics II lab	1

Third Year

Fall				Spring			
BIO	320	Molecular Genetics	4	*ENG	200	Expository Writing	3
CHE	305	Analytical Chemistry	4	BIO	385	Microbiology	4
MAT	180	Applied Probability & Statistics	3	BIO	330	Histology	4
				CHE/BIO	370	Research	1

+End of 3rd year: MCAT

Fourth Year

Fall				Spring			
CHE/BIO	470/465	Research	1	*BIO	386	Immunology	2
CHE	326	Biochemistry	4	CHE/BIO	470	Research	1
*BIO	434	Advanced Cell Biology	3	*CHE	426	Biochemistry II	4

NOTES: *Not required, but highly recommended.