

# Cooperative Programs and Preprofessional Study

Wartburg College cooperates with several institutions to support the adult learner, to simplify the transfer process for incoming students, and to provide the required preprofessional courses for students who intend to enroll in a professional school. In preprofessional study, some students earn a bachelor's degree from Wartburg and then enroll at another institution. In other cases, students enter a professional program before completing their degree and then satisfy requirements for both the Wartburg degree and the professional degree at the cooperating institution.

## Joint Enrollment Programs

Joint enrollment programs simplify enrollment for students who wish to transfer to Wartburg after starting work on their bachelor's degree at Waldorf College in Forest City, Iowa; North Iowa Area Community College in Mason City, Iowa; or Hawkeye Community College in Waterloo, Iowa. Students who are admitted to one of these two-year colleges can be accepted into a parallel program at Wartburg, provided they complete their Associate of Arts degree and meet Wartburg's admission criteria. Upon completing the A.A. degree, they will transfer to Wartburg as third-year students.

While attending the two-year college, students work with a Wartburg faculty adviser and receive periodic information about their academic program at Wartburg. Transfer students who meet the joint admission criteria are reasonably sure of completing their bachelor's degree at Wartburg within an additional two years.

## Counseling

*Campus contact: Dr. Shaheen Munir, Social Science Department*

For certification in counseling, most states require graduate study. Details are available from the chair of the Social Science

Department.

## Dentistry

*Campus contact: Dr. Ann Henninger, Biology Department, Dr. David Hampton, Chemistry Department*

Generally required: BI 151-152, 311-312; CH 113-114(or 111-112), 211-212;MA 190 or 201; PHY 101-102.

Recommended: ART 151, BI 221, 401, CH325.

Students must also take the Dental Aptitude Test (DAT). Wartburg College has a formal Deferred Admit Program (DAP) with the University of Iowa College of Dentistry.

## Engineering

*Campus Contact: Dr. Daniel Black, Chemistry and Engineering Science Department*

Wartburg offers a major in Engineering Science for those students interested in graduate study, non-specialized engineering positions, or technically-oriented non-engineering positions. (See the Engineering Science major in the Chemistry and Engineering Science Department.) Wartburg also maintains a dual degree program. Students in this program study at Wartburg for three years, completing a major and all Essential Education requirements. Students may take some of these courses at a cooperating college of engineering approved by Wartburg College while completing requirements for the Bachelor of Science in Engineering degree at that institution. Upon receiving the B.S.E., students are eligible to receive the Bachelor of Arts degree from Wartburg. Students selecting this option may complete requirements at any accredited engineering school.

## Law

*Campus Contact: Dr. Fredric Waldstein, Social Sciences Department; Ms. Vicki Edelnant, Pathways Center*

Students interested in entering law school gain excellent preparation through the combination of the Wartburg Plan of Essential Education and their major. Prelaw advisers help students identify strengths and weaknesses, and together they plan a personalized course of study. Law School Admissions Test (LSAT) scores, students' grade point averages, letters of recommendation and students' interests determine which law schools best fit their needs.

Recommended: Writing Intensive courses, logic, courses that require research.

## Medical Science

*Campus Contact: Dr. Edward Westen, Biology Department; Dr.*

*David Hampton, Chemistry Department*

Generally required: BI 151-152; CH 113-114 or (111-112), 211-212; MA 190 or 201; PHY 101-102

Recommended: BI 311-312, 401; CH 325; MA 214.

Students must also take the Medical College Aptitude Test (MCAT). Students interested in medical science may pursue allopathic (M.D.), osteopathic (D.O.), or podiatric (D.P.M.) medicine as well as the medical scientist (M.D., Ph.D.) and physician assistant programs.

## Medical Technology

*Campus Contact: Dr. Roy Ventullo*

COOPERATING INSTITUTIONS: Schools of Medical Technology at Mercy Hospital Medical Center, Des Moines, Iowa; St. Luke's Methodist Hospital, Cedar Rapids, Iowa; St. Luke's Regional Medical Center, Sioux City, Iowa.

COURSE OF STUDY Students complete three years (27 course credits) of liberal arts education, including all components of the Wartburg Plan of Essential Education except one writing intensive course, which is fulfilled by the year of professional study. Students then apply to a cooperating institution or a school listed in the Medical Technologist's Registry of the American Society of Clinical Pathologists. Upon acceptance, they complete a final year of professional study, qualifying them to receive the Bachelor of Arts degree from Wartburg.

MAJOR IN MEDICAL TECHNOLOGY 10½ course credits, including BI 151, BI 152, BI 305, BI 461, three elective course credits chosen from BI 202, BI 211, BI 221, BI 309, BI 311, BI 312, BI 401, BI 405; CH 111-112 (or CH 113-114), CH 205 (or CH 211-212), CH 217 or CH 325.

## Nursing

*Campus Contact: Dr. Roy Ventullo*

After two years of appropriate prerequisite courses emphasizing sciences and humanities at Wartburg, students apply for admission to the University of Iowa College of Nursing, where they complete their clinical training. Or, students may enroll directly in the Allen College B.S.N. program in Waterloo, Iowa. This allows them to take their science and humanities courses at Wartburg while completing their clinical courses at Allen. These programs lead to the baccalaureate degree (B.S.N.) in nursing. Students may also apply, on a competitive basis, to other schools of nursing or complete the B.A. at Wartburg and apply to an accelerated nursing program.

## Occupational Therapy

*Campus Contact: Dr. John Melville, Biology Department, Dr. Fred*

*Ribich, Social Science Department*

Generally required: BI 151-152 or 130, 311-312; MA 214 or PSY 321; PSY 101, 224, 225.

Recommended: PH 206 or RE 350; one hands-on or performing arts course; CPR certification.

## Optometry

*Campus contact: Dr. Ann Henninger, Biology Department; Dr. Denis Drolet, Chemistry and Engineering Science Department*

Generally required: BI 151-152, 305, 311-312; CH 113-114 (111-112), 211-212 (or 205), 325; MA 201, 214; PHY 101-102, PSY 101.

Students must take the Optometry Aptitude Test (OAT).

## Pharmacy

*Campus Contact: Ms. Lynette McGregor, Biology Department; Dr. Warren Zemke, Chemistry and Engineering Science Department*

Generally required: BI 151-152, 305, 311-312; CH 113-114 (111-112), 211-212; EC 142; MA 201, 213; PHY 101-102( or one year high school physics with lab).

Students must take the Pharmacy College Admission Test (PCAT).

## Physical Therapy

*Campus Contact: Dr. Ann Henninger, Biology Department*

Generally required: BI 151-152, 311-312; CH 111-112 (113-114); MA 190 or 201, 214; PHY 101-102, PSY 101, 224.

Recommended: PSY 225.

Students may need to take the Graduate Record Examination (GRE) and be certified in CPR.

## Seminary

*Campus Contact: Dr. Kathryn Kleinhans*

See Religion major, preseminary concentration.

## Veterinary Medicine

*Campus Contact: Dr. Keith McClung, Biology Department; Dr. Denis Drolet, Chemistry and Engineering Science Department*

Generally required: BI 151-152, 211, 311-312; CA 112; EN 112; CH 113-114 (111-112), 211-212, 325; PHY 101-102.

Recommended: BI 305, 401, 405; HE 240.

Students must take the Graduate Record Examination (GRE).

## **Others**

Preprofessional programs can be designed for students interested in a variety of occupations. In developing the program of study, a faculty adviser works closely with the professional school's requirements. Programs include health professions, such as chiropractic, cytotechnology, dental hygiene, physician's assistant, respiratory therapy, and X-ray technology; specialized medical science programs, such as osteopathy and podiatry; and environmental areas, such as fisheries, forestry, and wildlife management. Details are available from Dr. Ann Henninger, Biology Department.