

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 contacts: Dr. Shaheen Munir, Social Sciences Department; Dr. Susan Vallem, Social Work Department

Most states require graduate study for certification in counseling. Details are available from the chair of the Social Sciences department.

Students graduating with a degree in social work can be licensed at the beginning counseling level. Details are available from the chair of the Social Work department.

Dentistry

Campus contacts: Dr. Ann Henninger, Biology Department; Dr. Shawn Ellerbroek, Chemistry and Engineering Science Department

Generally required: BI 151-BI 152, BI 311-BI 312; CH 113-CH 114, CH 211-CH 212; MA 190 or MA 250; PHY 101-PHY 102.

Recommended: ART 151, BI 221, BI 401, CH 325.

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.

Medical Science

Campus Contacts: Dr. Edward Westen, Biology Department; Dr. Shawn Ellerbroek, Chemistry and Engineering Science Department

Generally required: BI 151-BI 152; CH 113-CH 114; CH 211-CH 212; MA 190 or MA 250; PHY 101- PHY 102 or PHY 203-PHY 204.

Recommended: BI 311-BI 312, BI 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, Biology Department

COOPERATING INSTITUTIONS: Clinical Laboratory Science Program, School of Health Sciences, Mayo Clinic; 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: six-and-one-half biology course credits required: BI 151-BI 152; BI 305; BI 311-BI 312 (or BI 202); BI 405; BI 461; biology elective course credit (if needed) chosen from: BI 211, BI 221, BI 309, BI 401; four chemistry course credits chosen from: CH 113-CH 114; CH 205 (or CH 211-CH 212); CH 217 or CH 325.

Nursing

Campus Contact: Dr. Roy Ventullo, Biology Department

Option 1: 3+1. Students take three years of appropriate prerequisite courses emphasizing sciences and humanities at Wartburg during which time they apply for admission to the Nursing Program at Allen College where they complete their clinical training. Students receive both a B.A. in Biology from Wartburg and a B.S.N. from Allen College.

Option 2: 2+2. Students take two years of appropriate prerequisite courses emphasizing sciences and humanities at Wartburg during which time they apply for admission to the Nursing Program at Allen College where they complete two years of clinical training. Students receive a B.S.N. from Allen College.

Option 3: Students may earn a B.A. at Wartburg and then apply to a 15-month accelerated nursing program at one of several programs.

Occupational Therapy

Campus Contacts: Dr. Ann Henninger, Biology Department; Dr. Fred Ribich, Social Sciences Department

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

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

Optometry

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

Generally required: BI 151-BI 152, BI 305, BI 311-BI 312; CH 113-CH 114; CH 211-

CH 212 (or CH 205); CH 325; MA 214; MA 250; PHY 101-PHY 102 or PHY 203-PHY 204; PSY 101.

Students must take the Optometry Aptitude Test (OAT).

Pharmacy

Campus Contacts: Dr. Ann Henninger, Biology Department; Dr. Christine DeVries, Chemistry and Engineering Science Department

Generally required: BI 151-BI 152, BI 305, BI 311-BI 312; CH 113-CH 114, CH 211-CH 212; EC 100, EC 102; MA 214, MA 250; PHY 101-PHY 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-BI 152, BI 311-BI 312; CH 113-CH 114; MA 190 or MA 250; MA 214; PHY 101-PHY 102 or PHY 203-PHY 204; PSY 101, PSY 224.

Recommended: PSY 225.

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

Pre-Law

Campus Contacts: Dr. Fredric Waldstein, Social Sciences Department; Dr. Vicki Edelnant, Pathways Center

Statement on Pre-Law Preparation by the Pre-Law Committee of the American Bar Association Section of Legal Education and Admission to the Bar.

Undergraduate Education:

The American Bar Association does not recommend any undergraduate majors or group of courses to prepare for a legal education. Students are admitted to law school from almost every academic discipline. You may choose to major in subjects that are considered to be traditional preparation for law school, such as history, English, philosophy, political science, economics, or business; or, you may focus your undergraduate studies in areas as diverse as art, music, science, mathematics, computer science, engineering, nursing, or education. Whatever major you select, you are encouraged to pursue an area of study that interests and challenges you, while taking advantage of opportunities to develop your research and writing skills. Taking a broad range of difficult courses from demanding instructors is excellent preparation for legal education. A sound legal education will build upon and further refine the skills, values, and knowledge that you already possess. The student who comes to law school lacking a broad range of basic skills and knowledge will face a difficult challenge.

Consistent with the Philosophy of the American Bar Association expressed above, Wartburg College encourages students to select major areas of study that interest them because they are likely to perform better and have a more enjoyable academic experience. 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 with the student, plan a personalized course of study. Law School Admissions Tests (LSAT) scores, student grade point average, letters of recommendation, and students' interests determine which law school best fits their needs.

Recommended: Writing intensive courses, interactive courses, logic, and courses that require research.

Seminary

Campus Contact: Dr. Kathryn Kleinhans, Religion and Philosophy Department

Wartburg College has a dual-degree program agreement with both Wartburg Seminary and Luther Seminary. Details are available from the chair of the Religion and Philosophy Department. See also religion major, preseminary concentration.

Veterinary Medicine

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

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

Recommended: BI 305, BI 401, BI 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 assistant, respiratory therapy, and X-ray technology; and environmental areas, such as fisheries, forestry, and wildlife management. Details are available from Dr. Ann Henninger, Biology Department.