

Preprofessional Study

Wartburg College provides the required preprofessional courses for students who intend to enroll in a professional school. In preprofessional study, students may earn a bachelor's degree from Wartburg and then enroll at another institution. In other cases students enter a professional program before completing the Wartburg College degree and then satisfy requirements for both the Wartburg degree and the professional degree. Working with an academic adviser is very important when considering a preprofessional program. Listed below are the preprofessional programs supported by Wartburg College and the faculty advisors who will assist students in planning for a preprofessional program.

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. Leilani Zart, 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; 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.)

Medical Science

Campus Contacts: Dr. Edward Westen and Dr. Stephanie Toering Peters, 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; CH 325; MA 214.

Students also must 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 [Clinical Laboratory Science]

Campus Contact: Dr. Roy Ventullo, Biology Department

COOPERATING INSTITUTIONS: Medical Laboratory Science Program, Allen College, Waterloo, Iowa; Clinical Laboratory Science Programs, Mayo Clinic, Rochester, Minnesota and Mercy Hospital Medical Center, Des Moines, Iowa; Medical Laboratory Science/Medical Technology Program, St. Luke's Methodist Hospital, Cedar Rapids, Iowa; Medical Technology Program, 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: 6½ 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; four chemistry course credits chosen from: CH 113-CH 114; CH 205 (or CH 211-CH 212); CH 217 or CH 325; MA 214.

Nursing

Campus Contact: Dr. Roy Ventullo, Biology Department

Option 1: 3+1. Students take three years of appropriate prerequisite courses emphasizing sciences, social 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, social 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.

Students must have CNA.

Occupational Therapy

Campus Contacts: Dr. Samantha Larimer, 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. Roy Ventullo, 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.

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.

Police Science

Campus contact: Professor Lynn Peters, Social Work Department

Students who transfer from Hawkeye with an Associate degree in Police Science could be candidates for the bachelor of Applied Science (B.A.S.) degree with a Police Science major by fulfilling the Wartburg Plan of Essential Education (see chart on page 41) except IS 101, IS 201, and one Faith and Reflection Course. The Associate degree in Police Science substitutes for the major.

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 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.