

Professional and Pre-Professional Programs

Briar Cliff University offers pre-professional programs and prerequisite course work for a variety of health professions including medicine, dentistry, occupational therapy, pharmacy, physical therapy, physician assistant, veterinary medicine and others.

Church Ministry

The major in theology offers students a variety of options that prepare them for Christian ministry. These are designed for women and men who desire to deepen their personal relationship with Christ and to share their faith vision with others. These options are centered in theology with additional study in philosophy. See Theology section of catalog (page 221).

Engineering

Most pre-engineering students spend two years at Briar Cliff University, taking introductory courses in engineering, natural science, mathematics, writing, computer science and liberal arts. These two years at Briar Cliff University are similar to the first two years of engineering school. After two years at Briar Cliff, students complete their engineering studies in approximately two additional years at an engineering school, usually Iowa State University.

In the student's two years at Briar Cliff, the student benefits from small classes and personal attention. Briar Cliffs' high-quality learning environment helps students during their critical first years in college, giving them the knowledge and skills needed to complete their studies at a larger engineering school.

It is recommended that all students interested in pre-engineering should have successfully completed three or four years of high school mathematics including trigonometry.

Although most pre-engineering students spend two years at Briar Cliff, some students spend one or three years before they transfer to engineering school. This flexibility can accommodate students of many abilities, interests and educational backgrounds.

Briar Cliff University's pre-engineering program is designed for students who want to transfer to Iowa State University, but it is easily modified for students who plan to transfer to another engineering school. (See page 190.)

Law

Most law schools do not require a specific curriculum for students preparing for law, but require the baccalaureate degree for admission. Since it is stated that a liberal arts training is the best preparation for law, it is recommended that a student be competent in oral and written communication and well-trained in such basic college studies as humanities, social sciences and natural sciences.

Medical Laboratory Science

Students electing this program spend the first three years at Briar Cliff University. During the first term of the junior year, the student makes application for admission to a program of medical laboratory science which is approved by the American Medical Association. The competitive fourth year of study is directed by the instructors at these clinical sites. Briar Cliff equates the completion of this clinical study to one full academic year at the university and grants the baccalaureate degree upon completion of the work. The student may then sit for the Registry Examination. (See page 165.)

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Radiologic Technology

Briar Cliff University has a cooperative program with the Department of Radiology Education at St. Luke's College, Sioux City, Iowa.

In this program, the student is required to spend his/her first year at Briar Cliff University and then apply for admission to St. Luke's program. After satisfactory completion of work at St. Luke's, the student is required to complete his/her senior year at Briar Cliff University and, upon passing the American Registry Examination, is awarded the B.S. degree. Any exceptions to this requirement must be approved in advance by the Program Coordinator of Radiologic Technology and by the vice president for academic affairs. (See page 199.) Students may elect to complete the two clinical years at an approved program other than St. Luke's. Attainment of a passing grade on the American Registry Examination is required.

Students who are seeking the B.S. in Radiologic Technology who have completed a two-year clinical radiologic technology program are granted 62 hours of credit. These students must complete an additional 62 hours of credit which includes course work that satisfies the distribution requirements for graduation. Radiologic Technology students usually take courses that allow them to attain a minor in human resource management or business administration. Graduates of this program may qualify for positions as directors in hospital radiologic departments. They will be granted the B.S. degree upon completion of the program.

Candidates for this program in radiologic technology must satisfy the following admissions requirements:

1. Completion of an approved radiologic technician program,
2. Attainment of a passing grade on the American Registry Examination.

Social Work Program

The social work program prepares generalist social workers at the undergraduate level for entry level positions in social work and for graduate social work education. The BSW program has been accredited by the Council on Social Work Education since 1974 and has ten expected educational competencies. Graduates are eligible for licensing in Iowa, Nebraska, South Dakota, and other states.

Teacher Education Program

The Teacher Education Program at Briar Cliff University includes preparation for teaching in the elementary and secondary schools, and includes preparation for K-12 endorsements in many disciplines.

A fundamental assumption exists that each student preparing to teach will have a good general education, a depth of preparation in a content area and a planned program in professional courses and experiences.