# 2022-23
# ACADEMIC CATALOG



# Midway University Course Catalog

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Pre-professional curricula at Midway University are not major degree programs; students are advised to select a major program to complete while satisfying the requirements to gain admission into a professional school. Students interested in professional programs are advised to select a major closely related to their field of interest and will be assigned to an advisor with specialized knowledge of admissions requirements in that field. Additionally, each school has its own set of requirements for admission and prospective students need to become familiar with those entrance requirements. Most professional schools will select students from a variety of undergraduate studies; they are seeking students that are well balanced in their formal academic training as well as in work and life experiences.

## Pre-Dentistry, Pre-Medical, Pre-Optometry, Pre-Podiatric Medicine, Pre-Physical Therapy, Pre-Physician Assistant

Clinical professional programs are distinguished at Midway by individualized advising. Students will stay in close contact with their advisors for their declared tracks and investigate prerequisites for universities/programs of interest. While programs vary in their requirements, typical coursework encompasses courses in biology, chemistry, physics, psychology, and mathematics. Most programs encourage prospective students to shadow physicians or other health professionals during their undergraduate years. A strong background of volunteering in the community is highly encouraged.

## Pre-Engineering

The Midway University Pre-Engineering program is a two-year curriculum that prepares students to attend the final three years of engineering programs at other institutions. The program has been carefully constructed to meet the requirements of the first two years of the engineering curriculum at the University of Kentucky and at the University of Louisville. After satisfactorily completing the two-

year program at Midway University, students can apply to these institutions and others to complete the engineering degree.

## Pre-Law

There is no specific curriculum for entry into law school; however, a broad liberal arts education prepares students to enter programs. Students should select a major in which they have interest and skills including courses emphasizing critical thinking, reasoning, communication and social diversity. Some examples of disciplines regularly accepted into law schools include Criminal Justice, English, and Psychology, but any undergraduate major is considered for admission. It is suggested for students to contact law schools and verify the course requirements and any entrance exams to be taken. Students will be advised by appropriate faculty while working toward a degree.

## Pre-Occupational Therapy

The professional Occupational Therapy degree requires a master or doctorate degree for entry level positions. A variety of undergraduate degrees are acceptable for most graduate schools in Occupational Therapy, including psychology, biology, and other liberal arts degrees. It is important to check each graduate program’s specific degree and course requirements, but common prerequisites include courses in Human Anatomy, Abnormal Psychology and Statistics.

## Pre-Pharmacy

There are two years of liberal arts and basic sciences courses required in the pre-pharmacy curriculum in order to apply for admission. These courses prepare students for the course load of pharmacy school and serve as prerequisites for many courses in the pharmacy school. Pharmacy school requirements including degree attainment and admissions tests may differ slightly and students are advised to check with schools for their specific requirements.

## Pre-Veterinary Medicine

Students can satisfy requirements to apply to veterinary school using different degree tracks at Midway University. Biology and Equine Studies have majors and minors that work well together to allow students to prepare for admission to various schools. Obtaining a baccalaureate degree allows students the opportunity to broaden their educational background and allows time for work and volunteer experiences. The more experience students gain working with large and small animals, and the more varied experiences obtained, the greater the chance for being accepted into a veterinary program. Students must verify with each school the requirements for that school. Kentucky residents have the option to go to Auburn or Tuskegee and pay in-state tuition. Students from states other than Kentucky need to check with their home state to see if there are similar reciprocal agreements. While students are working on their academic degrees, it is recommended they work in the various veterinary practices, horse farms, humane shelters and other opportunities that abound.

The work and volunteer experiences of students are heavily weighted in the application process. Practical applied experiences are invaluable. Check with individual schools for a complete list of courses, entrance exams, interviews, and other materials required for application for entrance.

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