MISSION STATEMENT
The pre-professional programs are designed for students whose career goals involve further professional training beyond the bachelor's degree. The programs in premedicine, pre-veterinary medicine, pre-osteopathic medicine and pre-dentistry constitute a secondary major. A nonmajor advising program is available in pre-pharmacy.

The preparatory pre-professional curricula are secondary programs of courses which meet the usual requirements for admission to a professional school. Students pursuing such a secondary program must satisfy the requirements in conjunction with satisfying the requirements of a primary major program. Students cannot major in one of the pre-professional majors alone — they need to select a primary major.

Students planning professional careers should choose a primary major that best fits their interests and the requirements of the professional school. Among those majors commonly combined with the pre-professional majors are Bachelor of Science degrees in biology, chemistry (biological chemistry concentration) or zoology, the Bachelor of Arts degree in psychology, or the Bachelor of Science in Public Health. The pre-professional programs may also be pursued within a carefully designed Bachelor of General Studies degree program or other degree programs.

At the earliest possible date, students with such career goals in mind should identify the options available; immediately begin to meet the requirements of the appropriate pre-professional program; and become familiar with the entrance requirements, standards and expectations of the particular school or program in which advanced training is to be pursued.

PROGRAM REQUIREMENTS IN PREMEDICINE, PRE-OSTEOPATHIC MEDICINE, PRE-VETERINARY MEDICINE, PRE-DENTISTRY:

BIOLOGICAL SCIENCES
   Biological Foundations
   Cell Biology

PLUS two of these courses:
   Vertebrate Anatomy
   Microbiology
   Vertebrate Embryology
   Genetics
   General Physiology

PHYSICS
   General College Physics I, II
   or
   University Physics Frontiers I, II, III

CHEMISTRY
   General Chemistry I, II
   General Chemistry Lab I, II
   Basic Organic Chemistry (two semesters)
   or
   Organic Chemistry (two semesters)
   Organic Chemistry Lab (two semesters)

MATHEMATICS
   Algebra and Trigonometry
   Analytic Geometry and
   Calculus I (recommended but not required for pre-dentistry)

Many medical, dental and veterinary schools may strongly recommend additional courses. Students should become familiar with the requirements of the school they plan to attend and maintain close contact with the pre-professional advisors in the departments of Biological Sciences, Chemistry and Public Health to review additional requirements.

More information is available online at: www.kent.edu/cas/preprof or www.kent.edu/publichealth/undergraduate/pre-clinical-professions.cfm.

Career Opportunities
Kent State University offers strong undergraduate preparation for medical related pre-professional programs. Students graduating from Kent State University's pre-professional programs in premedicine, pre-osteopathic medicine and pre-veterinary medicine gain admission to schools, such as: The Ohio State University, Case Western Reserve University, Medical University of Ohio, Northeast Ohio Medical University and Ohio University of Osteopathic Medicine. Students who are in the pre-dental program typically further their studies at Case Western Reserve Dental School and The Ohio State University. Graduates with a pre-pharmacy focus have gone to schools such as University of Cincinnati, University of Toledo and The Ohio State University.
PRE-PHARMACY
Pre-pharmacy study may be completed in the College of Arts and Sciences in basic academic courses. Pre-pharmacy students are encouraged to take courses listed below to enhance their opportunities to enter a pharmacy school:

CHEMISTRY
- General Chemistry I, II
- General Chemistry Lab I, II
- Organic Chemistry I, II
- Organic Chemistry Lab I, II

PHYSICS
- General College Physics I, II
  or
- University Physics Frontiers I, II, III

BIOLOGICAL SCIENCES
- Biological Foundations
- Cell Biology
- Human Physiology
- Microbiology
- Vertebrate Anatomy

MATHEMATICS
- Algebra and Trigonometry
- Analytic Geometry and Calculus I, II

Students should be familiar with the requirements of the pharmacy school they plan to attend and consult immediately upon entering Kent State with the pre-pharmacy advisor in the Department of Chemistry or with the office of the College of Arts and Sciences.