**Description**

The College of Arts and Sciences offers programs for students who wish to pursue professional careers in medically-related fields. These pre-medical programs are designed to provide a sound basis in biology and chemistry, along with coursework in physics and mathematics. The pre-medicine/pre-osteopathy, pre-veterinary medicine, pre-dentistry and pre-pharmacy programs are intended to prepare students for advanced, professional study in the medical sciences.

Admission requirements differ among medical schools. These programs meet the coursework requirements for admission to most medical schools. Students who wish to pursue a pre-medical program would be well advised to check carefully the admissions requirements of the professional schools they wish to enter. Students should also seek advice regularly from their faculty advisors.

Students may pursue pre-medical programs under the Bachelor of Arts degree, the Bachelor of Science degree or a carefully designed Bachelor of Integrative Studies degree. The pre-medical programs serve as advising programs for students in the B.A., B.S. and B.I.S. programs.

PrePharmacy, a pre-professional advising program, provides students with an opportunity to prepare for further training in pharmacy schools or colleges. Students work closely with their prepharmacy faculty advisor to ensure they meet the admissions requirements for the pharmacy school or college of their choice. In addition to declaring this program, students must be admitted to a bachelor’s degree program in the College of Arts and Sciences.

**FULLY OFFERED AT:**

- Kent Campus

**Admission Requirements**

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

**Freshman Students on the Kent Campus:** The freshman admission policy on the Kent Campus is selective. Admission decisions are based upon the following: cumulative grade point average, ACT and/or SAT scores, strength of high school college preparatory curriculum and grade trends. The Admissions Office at the Kent Campus may defer the admission of students who do not meet admissions criteria but who demonstrate areas of promise for successful college study. Deferred applicants may begin their college coursework at one of seven Regional Campuses of Kent State University. For more information on admissions, including additional requirements for some academic programs, visit the admissions website for new freshmen.

**Freshman Students on the Regional Campuses:** Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

**English Language Proficiency Requirements for International Students:** All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE Academic score, or by completing the ELS level 112 Intensive Program. For more information on international admission, visit the Office of Global Education’s admission website.

**Transfer, Transitioning and Former Students:** For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

**Program Requirements**

It is imperative that students interested in the PrePharmacy advising program meet with the PrePharmacy faculty advisor immediately upon entering Kent State University. This allows students to most efficiently meet the requirements for admission to a number of pharmacy schools. These schools typically require coursework totaling 60-62 credit hours, which can be completed in two years. However, the coursework may vary based on the requirements of different pharmacy schools.

**Major Requirements**

- **Phy:** Group One
  - CHEM 10060 
  - CHEM 10061
  - CHEM 10062
  - CHEM 10063

- **Chem:** Group One
  - CHEM 20481
  - CHEM 20482

- **Chem:** Group Two
  - CHEM 30481
  - CHEM 30482

Both Chem groups take the following:

- CHEM 30475
- CHEM 30476

Choose one of the following:

- 10

**Phy Group:**

- CHEM 20481
- CHEM 20482
PRE-PHARMACY FOR NEOMED PROGRAM REQUIREMENTS

The Northeast Ohio Medical University (NEOMED) offers a four-year Doctor of Pharmacy (Pharm. D.) degree. It has a consortial relationship with four Northeast Ohio public universities: Kent State, Cleveland State, Youngstown State and Akron Universities. Admissions criteria include completion of a two- or three-year prepharmacy program at an accredited university as well as satisfactory scores on the Pharmacy College Admissions Test (PCAT). Each of the consortial universities has 15 admission slots for students with acceptable GPAs, PCAT scores, interview scores, etc. For further information go to the NEOMED website: http://www.neomed.edu or contact

Dr. Soumitra Basu
Room 204 Williams Hall
e-mail sbasu@kent.edu,
telephone 330-672-3906

MAJOR REQUIREMENT

BSCI 10120 BIOLOGICAL FOUNDATIONS (KBS) (KLAB) 4
BSCI 30140 CELL BIOLOGY 4
CHEM 10060 GENERAL CHEMISTRY I (KBS) 4
CHEM 10061 GENERAL CHEMISTRY II (KBS) 4
CHEM 10062 GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) 1
CHEM 10063 GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB) 1

CHEM 10970 HONORS GENERAL CHEMISTRY I (KBS) 4
CHEM 10971 HONORS GENERAL CHEMISTRY II (KBS) 4

Choose from the following: 6

Group One
CHEM 20481 BASIC ORGANIC CHEMISTRY I
CHEM 20482 BASIC ORGANIC CHEMISTRY II

Group Two
CHEM 30481 ORGANIC CHEMISTRY I
CHEM 30482 ORGANIC CHEMISTRY II
CHEM 30475 ORGANIC CHEMISTRY LABORATORY I (ELR) 1
CHEM 30476 ORGANIC CHEMISTRY LABORATORY II 1

Choose one of the following: 7

Group One
CHEM 30284 INTRODUCTORY BIOLOGICAL CHEMISTRY
CHEM 40248 ADVANCED BIOLOGICAL CHEMISTRY

Group Two
CHEM 40245 BIOCHEMICAL FOUNDATIONS OF MEDICINE
CHEM 40248 ADVANCED BIOLOGICAL CHEMISTRY

Pre-Pharmacy Advising Program