PRE-HEALTH - UNDERGRADUATE CERTIFICATE

College of Arts and Sciences
https://www.kent.edu/cas

About This Program
The Pre-Health undergraduate certificate prepares students who previously graduated from college with a non-health-related degree for careers in health care. The program structure is flexible in order to provide courses necessary for admission to a variety of professional schools including medical, dental, pharmacy, physician assistant and veterinary.

Contact Information
• Program Coordinator: Erin Lawson | elawson1@kent.edu | 330-672-2062
• Speak with an Advisor
• Chat with an Admissions Counselor

Program Delivery
• Delivery: In person
• Location: Kent Campus

Admission Requirements
Admission to this certificate is selective. Applicants must meet the following criteria:
• Bachelor’s degree from an accredited college or university
• Minimum 3.000 undergraduate GPA on a 4.000-point scale
• Demonstrated proficiency through the equivalent of college algebra or higher

International Students: All international students must provide proof of English language proficiency unless they meet specific exceptions. For more information, visit the admissions website for international students.

Program Requirements
Certificate Requirements
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BSCI 10120</td>
<td>BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)</td>
<td>4</td>
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<tr>
<td>CHEM 10060</td>
<td>GENERAL CHEMISTRY I (KBS)</td>
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<tr>
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<tr>
<td>CHEM 10062</td>
<td>GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
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<td>CHEM 30475</td>
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<td>CHEM 30481</td>
<td>ORGANIC CHEMISTRY I</td>
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Certificate Electives, choose from the following: 30-40
- BSCI 10110 BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)
- BSCI 21010 ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)
- BSCI 21020 ANATOMY AND PHYSIOLOGY II
- BSCI 30130 HUMAN PHYSIOLOGY
- BSCI 30140 CELL BIOLOGY
- BSCI 30156 ELEMENTS OF GENETICS
- BSCI 30171 GENERAL MICROBIOLOGY
- BSCI 30517 HUMAN ANATOMY
- BSCI 40430 ANIMAL PHYSIOLOGY
- CHEM 30284 INTRODUCTORY BIOLOGICAL CHEMISTRY
  or CHEM 40245 BIOCHEMICAL FOUNDATIONS OF MEDICINE
- CHEM 30476 ORGANIC CHEMISTRY LABORATORY II
- CHEM 30482 ORGANIC CHEMISTRY II
- CHEM 40261 BIOCHEMISTRY: BIOMOLECULE STRUCTURE AND FUNCTION
- CHEM 40262 BIOCHEMISTRY: METABOLISM AND GEN EXPRESSION
- COMM 15000 INTRODUCTION TO HUMAN COMMUNICATION (KADL)
- HED 14020 MEDICAL TERMINOLOGY
- MATH 12002 ANALYTIC GEOMETRY AND CALCULUS I (KMCR)
- MATH 30011 BASIC PROBABILITY AND STATISTICS
- PHY 13001 & PHY 13021 GENERAL COLLEGE PHYSICS I (KBS)
- & GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)
- PHY 13002 & PHY 13022 GENERAL COLLEGE PHYSICS II (KBS)
  and GENERAL COLLEGE PHYSICS LABORATORY II (KBS) (KLAB)
- PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS)
- PSYC 20651 CHILD PSYCHOLOGY (DIVD) (KSS)
- PSYC 40111 PSYCHOPATHOLOGY
- SOC 12050 INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)

Minimum Total Credit Hours: 48

Progression Requirements
• Minimum 3.200 certificate GPA

Graduation Requirements
Minimum Certificate GPA Minimum Overall GPA
3.200 2.000
• Professional programs are highly competitive and some may require or recommend a higher GPA

Roadmap
This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Semester One
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Certificate Electives 3-6

Credit Hours 12
Semester Two

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Certificate Electives: 7-10

Credit Hours: 12

Semester Three

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Certificate Electives: 8-10

Credit Hours: 12

Semester Four

Certificate Electives: 12-14

Credit Hours: 12

Minimum Total Credit Hours: 48

Program Learning Outcomes

Graduates of this program will be able to:

1. Examine science and math subjects pertinent to medical school and other health career program requirements.
2. Prepare for admission to medical school and other health career programs.