

# HEALTH TECHNOLOGIES AND INFORMATICS - MINOR

College of Public Health and Health Sciences  
www.kent.edu/phhs

## About This Program

Gain the skills and knowledge needed to work at the intersection of healthcare and technology. As a student in this minor, you will learn about health information systems, data analysis and emerging technologies in healthcare. With a growing demand for professionals with these skills, you will be well prepared for a wide range of careers in the healthcare industry. Read more...

## Contact Information

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- Speak with an Advisor

## Program Delivery

- **Delivery:**
  - Fully online
  - In person
- **Location:**
  - Kent Campus

## Admission Requirements

Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

## Program Requirements

### Minor Requirements

| Code  | Title  | Credit Hours |
|---|--|--------------|
| <b>Minor Requirements</b>                   |  |              |
| ETEC 47427                                  | TECHNOLOGY AND LEARNING                        | 3            |
| PH 10001                                    | INTRODUCTION TO PUBLIC HEALTH                  | 3            |
| PH 20010                                    | INTRODUCTION TO PUBLIC HEALTH INFORMATICS      | 3            |
| Minor Electives, choose from the following: |  | 6            |
| COMM 43000                                  | COMMUNICATION TECHNOLOGY AND HUMAN INTERACTION |              |
| EMAT 21000                                  | INTRODUCTION TO WEB DESIGN                     |              |
| EMAT 33310                                  | HUMAN-COMPUTER INTERACTION                     |              |
| ETEC 47400                                  | TRENDS IN EDUCATIONAL TECHNOLOGY               |              |
| ETEC 47403                                  | INSTRUCTIONAL DESIGN                           |              |
| GEOG 49072                                  | GEOGRAPHIC INFORMATION SCIENCE AND HEALTH      |              |
| IT 31002                                    | HEALTH INFORMATION TECHNOLOGY SUPPORT          |              |

|           |  |
|-----------|--|
| IT 41010  | USING MOBILE APPLICATIONS FOR INFORMATION TECHNOLOGY |
| IT 43000  | HEALTHCARE INFORMATION SYSTEMS                       |
| MDJ 21008 | SOCIAL MEDIA STRATEGIES                              |
| UXD 20001 | INTRODUCTION TO USER EXPERIENCE DESIGN               |

Minimum Total Credit Hours: 15

## Graduation Requirements

| Minimum Certificate GPA | Minimum Overall GPA |
|-------------------------|---------------------|
| 2.000                   | 2.000               |

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

## Program Learning Outcomes

Graduates of this program will be able to:

1. Explain basic tenants of public health.
2. Identify how health informatics improves healthcare effectiveness and efficiency.
3. Describe how technology informs lifespan learning.
4. Explain evaluation methods, e-health, decision support and database systems as important information technologies for supporting healthcare decision making.
5. Identify innovative technologies that have the potential to inform and transform public health.

## Full Description

The Health Technologies and Informatics minor provides students with knowledge and skills of public health and information technology. Students who are interested in public health face new challenges and opportunities with technology. Conversely, students in other fields related to technology are often presented with challenges and opportunities related to public health. Drawing on an interdisciplinary focus of public health, education, communication, geography, information and educational technology, students increase their skill set for practice in an information-intensive healthcare environment.

Students in this minor gain knowledge of how information technology is used to organize and analyze health records, health information databases and trends in technology to improve healthcare outcomes. For students with natural science, communication, business, computer or information technology degrees, the minor courses expose them to the uniqueness and complexity of work processes in public health and healthcare.