

# HEALTH INFORMATION TECHNOLOGY

Specialization: Analytics



## ABOUT THIS PROGRAM

### DIGITAL HEALTH CORE

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DeVry University's Digital Health Core courses are designed to help students develop a set of interdisciplinary skills for today's rapidly evolving health information field. Courses explore principles used throughout the healthcare ecosystem. Students will develop hands-on experience working with industry-standard software systems and simulated patient records.

#### A PROGRAM TO FUEL YOUR FUTURE

Data is the driving force behind all healthcare initiatives, as the digital landscape continues to grow. Data analytics can be used to conduct medical research, improve health outcomes, gain operational insights, and even predict healthcare/patient trends.

#### IS THIS PROGRAM FOR YOU?

Are you an analytical thinker interested in applying your problem-solving skills in a healthcare setting? DeVry's Associate Degree in Health Information Technology with a specialization in Analytics is designed to prepare students with the knowledge and skills needed to pursue entry-level healthcare analyst roles where you will extract, interpret and report data to help healthcare leaders make data-driven decisions about operations and patient care.

## CAREER OPPORTUNITIES

Graduates of DeVry University's Associate Degree in Health Information Technology program with a specialization in Analytics may careers including, but not limited to, the following:

- Clinical Data Analyst
- Data Analyst
- Healthcare Data Analyst
- Healthcare Information Management Analyst
- Health Information Technologists and Medical Registrars

## QUICK FACTS

**61**  
CREDIT HOURS  
minimum credit hours  
required for graduation

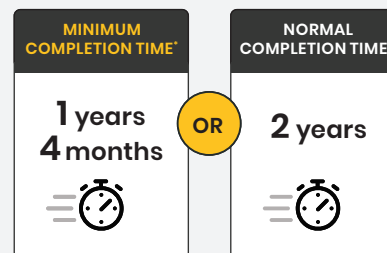
**19**  
COURSES

### PROFESSIONAL DEVELOPMENT

#### OUR COMMITMENT TO YOUR DEVELOPMENT

As an investment in your professional development, DeVry University infuses career development curriculum throughout your educational journey, including a Career Success in Healthcare course, HIT278, at no tuition cost – helping you develop the leadership skills and career development strategies necessary for your career journey.

\*HIT278 is provided at no tuition charge. Student will still be responsible for fees pertaining to the course such as course resources and e-books.



#### ACCELERATE YOUR SCHEDULE

Choose the schedule that best fits your goals and commitments. You can earn your **Associate Degree** in as little as **1 years 4 months**. Or, follow a normal schedule and complete your program in 2 years.

\*Minimum schedule does not include breaks and assumes 3 semesters of year-round, full-time enrollment in 12-18 credit hours a semester per 12 month period.

\*\*Normal schedule assumes 2 semesters of enrollment in 12-18 credit hours per semester per 12 month period.

## PROGRAM COURSES

### COMMUNICATION

ENGL112 Composition

### HUMANITIES

One of:

ETHC232 Ethical and Legal Issues in the Professions

ETHC334 Diversity, Equity and Inclusion in the Workplace

### SOCIAL SCIENCES

SOCS185 Culture and Society

### MATHEMATICS AND NATURAL SCIENCES

BIOS105 Fundamentals of Human Anatomy and Physiology

BIOS268 Pathopharmacology

MATH114 Algebra for College Students

MATH221 Statistics for Decision-Making

### PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD205 Career Development

HIT101 Professional Skills for Healthcare

### DIGITAL HEALTH CORE

HIT111 Basic Medical Terminology

HIT125 Electronic Health Records and Digital Health

HIT223 Medical Ethics, Compliance and Patient Privacy

HIT235 Health Insurance Billing and Reimbursement

### ANALYTICS SPECIALIZATION

BIAM110 Introduction to Business Analytics

BIAM300 Managerial Applications of Business Analytics

HIT227 Healthcare Quality and Data Analytics

HIT267 Healthcare Analytics and Practical Applications

HIT278 Career Success in Healthcare

TECH408 Applied AI for Management and Technology

## WHAT YOU'LL LEARN

### GENERAL EDUCATION

- Understand the human body structure and functions
- Explore drug therapies and the conditions they are prescribed to treat
- Analyze numerical data
- Solve complex problems

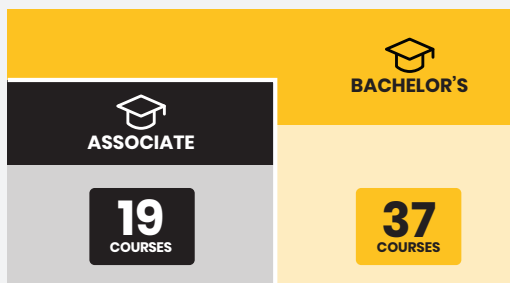
### DIGITAL HEALTH CORE

- Learn medical terminology to read and understand medical documentation
- Review medical data to ensure quality and integrity
- Audit records to ensure compliance with standards
- Examine legal and regulatory issues in healthcare
- Study US healthcare delivery systems and processes
- Explore healthcare reimbursement and payment methodologies

### ANALYTICS SPECIALIZATION

- Select and apply methods to summarize data, identify patterns and make predictions
- Utilize data analytic methods, tools, and procedures to support decision-making in healthcare organizations
- Explore the advanced analytic methods necessary to conduct the clinical and operational analyses to improve patient outcomes and influence decisions
- Build self-presentation and career-planning skills; explore ongoing career development strategies

### EARN A CREDENTIAL AT EVERY STEP



### HOW DO CREDENTIALS STACK?

When you earn the Associate Degree in Health Information Technology with a specialization in Analytics, eligible courses apply to our Bachelor's in Healthcare Administration when you pursue the Healthcare Analytics specialization of the Bachelor's in Technical Management – General Technical Option. Build your confidence – and your resume – when you start your journey at DeVry.\*

\*The figures displayed represent the minimum courses required for graduation. Additional coursework may be necessary to complete program requirements. At the time of application to the next credential level, an evaluation of qualifying transfer credit will occur and the most beneficial outcome will be applied. Future programmatic changes could impact the application of credits to a future program. Refer to the academic catalog for details.

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In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), [www.hlcommission.org](http://www.hlcommission.org). The University's Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, [www.tn.gov/the.c](http://www.tn.gov/the.c). Lisle Campus: 4225 Naperville Rd., Ste. 400, Lisle, IL 60532. Unresolved complaints may be reported to the Illinois Board of Higher Education through the online compliant system <https://complaints.ibhe.org/> or by mail to 1 N. Old State Capitol Plaza, Ste. 333, Springfield, IL 62701-1377. Program availability varies by location. In site-based programs, students will be required to take a substantial amount of coursework online to complete their program. ©2023 DeVry Educational Development Corp. All rights reserved. Version 9/23/2024