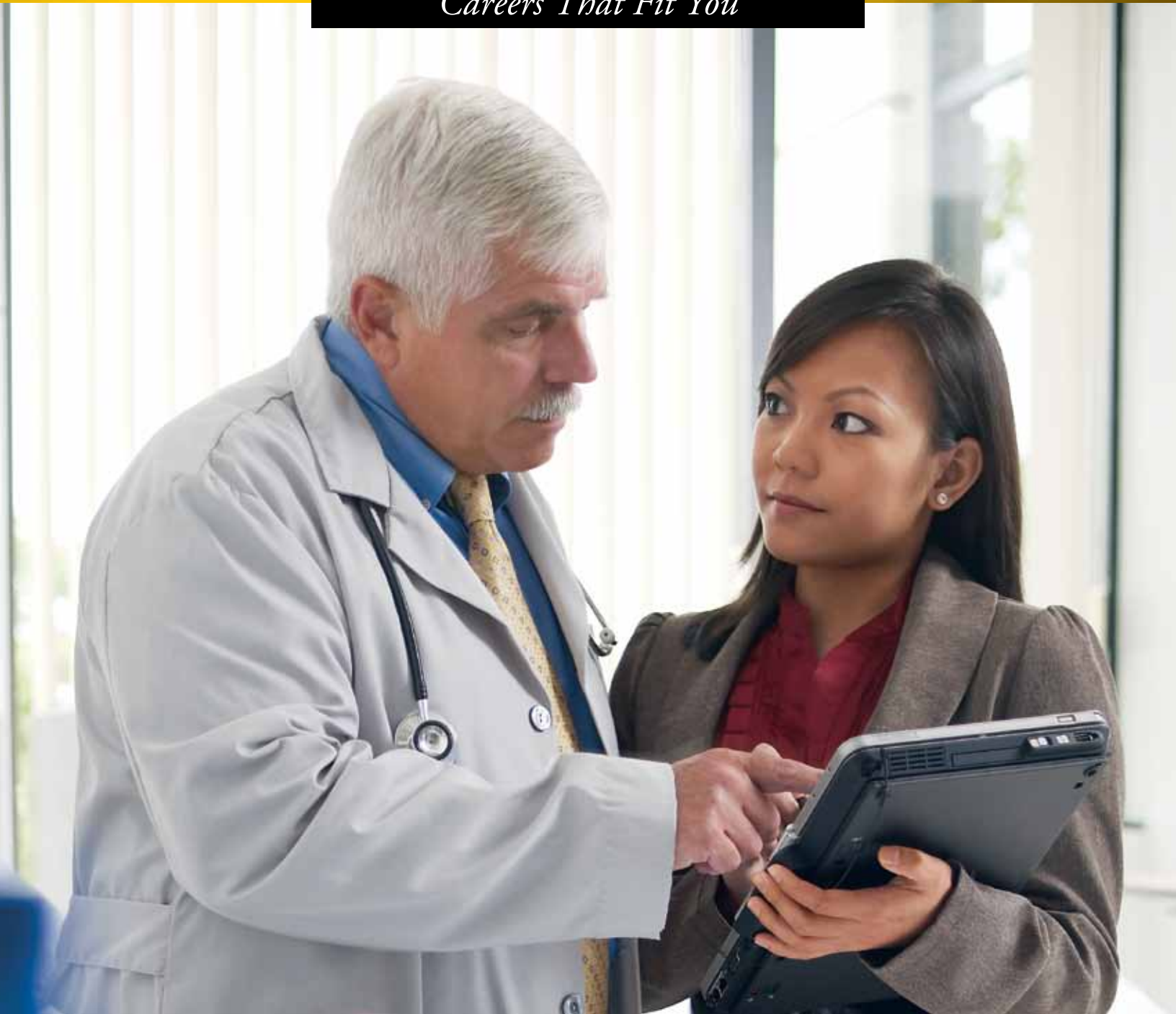


## Healthcare Management and Technology

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*College of Health Sciences*

*Careers That Fit You*



*Turn your passion*  
**into a career**

Are you interested in healthcare-related issues? Would you like a career that allows you to help people? Healthcare management and technology are growing fields, driven by an aging population and an expanding focus on health issues. With the right education, you could find yourself at a major diagnostics or insurance company, working with medical and patient data. Or you could use your skills in management at a growing medical facility. You could even work for a medical device company, developing products that improve the quality of people's lives.

## Let nothing stand in your way of pursuing a career in healthcare management and technology

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New opportunities emerge every day in this field. Consider these statistics from respected sources:

- The **healthcare industry will generate 3.2 million new jobs** between 2008 and 2018, more than any other industry, largely in response to rapid growth in the elderly population.<sup>1</sup>
- Employment growth (in the **healthcare industry**) is expected to account for about **22 percent of all wage and salary jobs added to the economy over the 2008-18 period.**<sup>1</sup>
- **Investments in healthcare IT**, including electronic medical and health record software, **will increase more than 11 percent by 2015**, equaling billions of dollars, as Medicare and Medicaid Electronic Health Records incentive programs and government subsidies roll out.<sup>2</sup>
- Total electronic medical and **health record software spending** is expected to **grow to approximately \$3.8 billion in 2015.**<sup>2</sup>

<sup>1</sup> Bureau of Labor Statistics, U.S. Department of Labor, Career Guide to Industries, 2010-11 Edition, Healthcare, on the Internet at [www.bls.gov/oco/cg/cgs035.htm](http://www.bls.gov/oco/cg/cgs035.htm). (visited June 1, 2011).

<sup>2</sup> Lewis, N. (2011, January 11). EHR Spending to Hit \$3.8 Billion in 2015. Retrieved June 1, 2011, from Information Week Healthcare: [www.informationweek.com/news/healthcare/EMR/229000480](http://www.informationweek.com/news/healthcare/EMR/229000480)

## Find a career path that's right for you

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If you've thought about leveraging your computer, business or science skills in a healthcare environment, you can turn your talents into a career of your dreams. We can help you develop the knowledge and skills you need to succeed. With the right education, you can be prepared to pursue these growing careers.

**Admissions Coordinators** plan and manage registration of new patients entering a healthcare facility and coordinate patient bed assignments. This highly interactive position may include coordination with medical, nursing and accounting staff to ensure appropriate patient placement. Strong management and communication skills are essential.

**Biomedical Engineers** design and build health systems and products such as artificial organs, instruments, medical information systems, medical devices and prosthetics. They often build on earlier achievements to improve the usability, speed or effectiveness of a device. They are problem-solvers who work well in teams and have an innate ability to understand what users, doctors or patients will want.

**Biomedical Equipment Technicians** test, adjust, and repair equipment such as CAT scanners, MRI machines, patient monitoring devices and many others. They may work on multiple machines within a facility or system, or they may work for a device manufacturer, traveling throughout a city or region to different sites to complete their work. Innate mechanical abilities and the ability to troubleshoot unusual problems are useful skills.

**Compliance Auditors/Officers** monitor hospitals and research facilities to ensure they are following relevant laws and best practices. They may rate the programs they review and report their findings to various commissions and review panels. These individuals are detail-oriented and have excellent written and verbal communication skills.

**Healthcare Data Analysts** work with patients and insurance companies to collect relevant medical information. They then work with engineers to help input, analyze and monitor this data to identify certain trends or red flags. They combine people skills with technological savvy.

**Health Information Management Technicians** organize and evaluate patient medical records for a healthcare facility. They review medical records for accuracy and completeness, as well as enter clinical data and codes into classification systems. The position requires attention to detail, as well as organizational and analytical skills.

**Health Information Managers** maintain patient medical records in secure database systems. They manage the recordkeeping processes to ensure complete, accurate data are available for quality management and medical research and that only authorized personnel can access the information.

**Health Informatics Specialists** develop computer software systems that help doctors and other health professionals diagnose diseases and set treatment plans. Work may include database management, data analysis and applications development. Knowledge of specialized applications is a must, as are excellent organizational and computer skills.

**Health Policy Specialists** help the government, not-for-profit organizations and the healthcare industry weigh ethical and practical issues as they develop new healthcare policies and regulations. They may write reports or make presentations to groups of doctors or lawmakers, advising them on various courses of action. As a result, excellent communication and public speaking skills are required, as is broad regulatory knowledge.

**Health Records Equipment/Software Salespeople** visit with hospitals, doctors' offices and other healthcare providers to help them choose and purchase the hardware and software that will keep track of their patients' records. Interpersonal skills and persuasive abilities are a must. They may spend time traveling to visit their customers.

**Healthcare Administrators** help with the day-to-day operation of hospitals, clinics, or assisted living facilities. Their duties include hiring and scheduling staff, recommending workforce training, and responding to client comments, outside auditors and the media. Successful administrators are personable multi-taskers with great organizational skills.

**Healthcare IT Managers** develop, modify, or purchase software applications for hospitals, care centers and insurers. They help improve billing and payment processes. Strong programming skills are a must, as is an understanding of insurance industry laws and requirements.

**Medical Coding Specialists** assign codes to patient records for different diagnoses and medical procedures. They review billing and insurance claim files and recommend them for approval or review. Attention to detail and ability to focus are important traits for these professionals.

**Medical Informaticist** Medical Informaticists are responsible for effectively organizing, analyzing, managing, and using healthcare data for decision making and delivery. Medical Informaticists also develop new ways for hospitals and research centers to communicate with one another, while streamlining the interpersonal communication between staff members and patients. These professionals have the ability to learn and understand the ever changing technology landscape utilized in the healthcare field. They are problem solvers, troubleshooters and have excellent verbal and written communication skills.

**Medical Office Managers** oversee the administrative operations of a healthcare office, including scheduling, payroll and other financial operations, clerical activities, facility maintenance and staff supervision. Responsibilities may include regular analysis of office production, procedure updates and workflow improvements. Strong leadership and organizational skills are necessary to succeed in this position.

**Medical Records Supervisors** work with teams of people to organize, monitor, update and maintain healthcare providers' medical records. They set policies and procedures, monitor the work of other staff, and make recommendations for upgrades and changes based on available new technologies or legal/insurer requirements. They are meticulous and precise, with strong leadership skills.



## Resources

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Make an educated decision about your career. You can learn more about the careers we've featured by visiting these websites.

American Academy of Professional Coders  
[www.aapc.com](http://www.aapc.com)

American Association of Healthcare Consultants  
[www.aahc.net](http://www.aahc.net)

American College of Healthcare Executives,  
Career Services  
[www.ache.org/career.cfm](http://www.ache.org/career.cfm)

American Hospital Association  
[www.aha.org](http://www.aha.org)

American Health Information Management Association  
[www.ahima.org](http://www.ahima.org)

Association of University Programs in  
Health Administration  
[www.aupha.org](http://www.aupha.org)

Biomedical Engineering Society  
[www.bmes.org](http://www.bmes.org)

Commission on Accreditation for Health Informatics  
and Information Management Education  
[www.cahiim.org](http://www.cahiim.org)

National Association Medical Staff Services  
[www.namss.org](http://www.namss.org)

National Cancer Registrars Association  
[www.ncra-usa.org](http://www.ncra-usa.org)

National Institute for Health Care Management  
[www.nihcm.org](http://www.nihcm.org)

Software & Information Industry Association  
[www.siia.net](http://www.siia.net)

Bureau of Labor Statistics  
[www.bls.gov](http://www.bls.gov)

Career Builder  
[www.careerbuilder.com](http://www.careerbuilder.com)

Career Information Network  
[www.careerinfonet.org](http://www.careerinfonet.org)

Monster.com  
[www.allhealthcare.monster.com](http://www.allhealthcare.monster.com)

Salary information  
[www.salary.com](http://www.salary.com)

Trust for America's Health  
[www.healthyamericans.org](http://www.healthyamericans.org)

Websites current at time of publication.

*Earn a degree*  
**that can work**  
*for a lifetime*

**We can help you every step of the way at  
DeVry University**

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At DeVry University, you can find what you need to succeed – flexible schedules, personal attention, hands-on learning and professors with real, practical experience. Plus, you can obtain the ongoing support you need to pursue a career path that's right for you.

You can learn technical and business skills that can give you an edge in your career. And you can develop the critical communication and interpersonal skills that can help you succeed in a healthcare environment. As part of your studies, you can use up-to-date medical equipment and software and receive guidance from professors with healthcare experience. Coursework in our bachelor's degree programs culminates with the completion of a Senior Project, which addresses real business needs.

As a student, you can become familiar with the regulations and standards that govern the industry, including the Health Insurance Portability and Accountability Act (HIPAA) and Health Level Seven, and can receive training on modern biomedical, electronic records or diagnostic equipment. When you land your dream career, you can be prepared with the skills and experience you need to jump right into your new role.

Holding a DeVry University diploma also means you have earned a degree from an institution that is accredited by The Higher Learning Commission of the North Central Association ([ncahlc.org](http://ncahlc.org)), a significant mark of institutional quality and integrity.

# *Intrigued by the possibilities?* Learn as much and make an

## Begin your path to a successful career at DeVry University

DeVry University offers a choice of degree programs\* and areas of specialization to help guide you on the right path to a successful career in healthcare management and technology.

### **Health Information Technology Associate Degree Program**

Learn the mathematical, scientific, and computer skills needed to get a start in the growing field of healthcare information. Our degree program is based on the competencies outlined by the American Health Information Management Association (AHIMA), which can provide you with a strong technical background and the procedural and regulatory knowledge to help you succeed in your career.

### **Healthcare Administration Bachelor's Degree Programs**

Learn current healthcare policies, information systems, accounting, budgeting and analysis used in diverse provider settings within the healthcare industry. Our bachelor's degree program in Healthcare Administration is designed to help prepare students with both a broad-based understanding of current healthcare issues and business concepts that can help provide a solid educational foundation for healthcare careers.

- **Healthcare Informatics**

Learn the knowledge and skills necessary to collect and analyze healthcare related data and successfully manage and support healthcare decision-making.

- **Healthcare Management**

Learn relevant healthcare areas such as, healthcare policy, managed care, insurance and finance, while exploring how to help improve the quality and efficiency of healthcare.



### **Biomedical Engineering Technology Bachelor's Degree Program**

Learn to use cutting-edge engineering principles to analyze and facilitate biological and medical technology advances to enhance today's healthcare practice. Design, build and maintain a wide range of devices, from pacemakers to lasers to patient-monitoring devices and X-ray tools.

### **Business Administration, Technical Management and Management Bachelor's Degree Programs**

Develop the relevant business skills and knowledge used every day in this field. Our bachelor's degree program in Business Administration is best suited for students with little or no prior college experience. The bachelor's degree programs in Management and Technical Management are degree-completion options for those looking to apply prior qualifying college credit or build on a completed associate degree. DeVry University advisors can help determine the program that could be the best fit for you.

- **Health Information Management Specialization<sup>1</sup>**

Learn the new systems being developed to manage electronic health records.

The online Technical Management degree program with Health Information Management specialization at DeVry University is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). For more information on this accreditation visit [www.cahiim.org](http://www.cahiim.org).

- **Health Services Management Specialization**

Learn the areas of health service management from patient records to insurance claims to billing and healthcare financing.

### **Computer Information Systems Bachelor's Degree Program**

- **Health Information Systems Specialization**

Learn about the technologies and best practices of information systems specific to the healthcare industry. Understand how healthcare laws and policies, such as the Health Insurance Portability and Accountability Act (HIPAA) and Health Level Seven, affect information technology in this industry.

\*Program availability varies by location. Some coursework may be available onsite only or online only.

<sup>1</sup> Available only in the Technical Management bachelor's degree program

# as you can, informed decision *about your career path.*

## Choose the area of study that's right for your career goals

Use this quick-reference chart to find which DeVry University degree program and specialization is right for your career choice in the field of healthcare management and technology.

		Degree Programs						
		Health Information Technology	Healthcare Administration		Technical Management	Business Administration, Management/ Technical Management	Computer Information Systems	Biomedical Engineering Technology
			<i>Specializations</i>	<i>Specializations</i>	<i>Specializations</i>	<i>Specializations</i>	<i>Specializations</i>	
			<i>Healthcare Informatics</i>	<i>Healthcare Management</i>	<i>Health Information Management</i>	<i>Health Services Management</i>	<i>Health Information Systems</i>	
Career Opportunities	Biomedical Equipment Technician							●
	Compliance Auditor/Officer				●			
	Healthcare Data Analyst	●			●			
	Health Information Management Technicians	●						
	Health Informatics Specialist				●			
	Health Information Manager		●		●			
	Health Policy Specialist			●		●		
	Health Records Equipment/ Software Sales				●		●	
	Healthcare Administrator			●	●	●		
	Healthcare IT Manager						●	
	Medical Coding Specialist	●						
	Medical Records Supervisor	●	●		●			

Care for a career in healthcare management and technology?

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Visit [devry.edu](http://devry.edu) or call 888.DEVRY.04

For comprehensive consumer information, visit [devry.edu/studentconsumerinfo](http://devry.edu/studentconsumerinfo)

**In New York, DeVry University operates as DeVry College of New York.** Program and course requirements and availability vary by location. Some courses may be available online only. Refer to the current academic catalog for more detailed information. DeVry University operates as DeVry Institute of Technology in Calgary, Alberta. DeVry is certified to operate by the State Council of Higher Education for Virginia. AC0060. DeVry University is authorized for operation by the THEC, [www.state.tn.us/thec](http://www.state.tn.us/thec). Nashville Campus – 3343 Perimeter Hill Dr., Nashville, TN 37211.

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