

# HEALTH INFORMATION ADMINISTRATION (HLIN)

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## Courses

### **HLIN 220. Health Information Science and the U.S. Health-Care System. 4 Units.**

Overview of U.S. health-care delivery, including the history of health-care institutions, external governance, regulations and standards, reimbursement methods, and the health-care organizations and professionals that provide services. Introduction to information management in health care.

### **HLIN 248. Pathopharmacology for Health Information Management. 4 Units.**

Covers disease processes in human body systems, as well as drug interventions used in treatment and prevention of disease.

### **HLIN 320. Health Information Science for Alternative Care Settings. 4 Units.**

Provides expanded concepts of information management in health care, including practical applications in information science, accrediting bodies, data management, documentation guidelines and requirements, and data integration standards. Includes practical applications of information governance in alternative health-care delivery systems. Prerequisite: HLIN 220.

### **HLIN 334. Clinical Classification Systems. 4 Units.**

Overview of ICD-10-CM and PCS clinical classification systems. Internal and external auditing systems for coding compliance.

### **HLIN 335. Advanced Classification Systems and Coding Compliance. 4 Units.**

Application of clinical classification systems and the guidelines for coding compliance. Managing physician query, severity of illness systems, and clinical documentation-improvement processes. Prerequisite: HLIN 334.

### **HLIN 340. Seminar and Portfolio for Health Information Management. 3 Units.**

Students develop a portfolio that illustrates their acquisition of the knowledge and skills that prepare them for entry into the profession, as well as reflects on the student learning outcomes set by Loma Linda University—including wholeness, Christ-centered values, commitment to discovery and lifelong learning, effective communication, embracing and serving a diverse world, and collaboration. Service learning requirements included.

### **HLIN 344. Health-Care Informatics and Database Management. 4 Units.**

Study of computer system architecture and infrastructure: hardware, software, network topologies and components, networking and telecommunications, terminology, and concepts. Technology support for data collection, storage, analysis, and reporting—including database development and management for meeting user information needs. Construction of data manipulation, extraction, and reporting tools.

### **HLIN 347. Advanced Information Privacy and Security. 4 Units.**

Compares requirements affecting the privacy, security, control, and disclosure of health information. In-depth analysis of legislation governing privacy and introduction to the components of the HIPAA Security Rule. Prerequisite: HCBL 346; or consent of instructor.

### **HLIN 354. Professional Practice Experience. 3 Units.**

Simulated professional practice experiences and assignments in health information management and technology, during the Spring Quarter of the junior year; includes use of software-as-a-service systems. Written and oral reports of experience.

### **HLIN 430. Quality Management and Performance Improvement in Health Care. 3 Units.**

Continuous quality improvement methodologies and processes applied to patient safety and satisfaction, internal and external regulatory requirements, risk management, evidence-based medicine, and utilization review to achieve optimum patient care.

### **HLIN 435. Seminar and Portfolio for Health Information Management II. 4 Units.**

Students continue to develop a portfolio that illustrates the potential graduate's ability to meet the student learning outcomes set by Loma Linda University. Provides students with a format for demonstrating their acquisition of the knowledge and skills that prepare them for credentialing and entry into the profession. Prerequisite: HLIN 340.

### **HLIN 437. Data Analytics and Visualizations for Health Care. 4 Units.**

Introduces data analytics in health care. Concepts of transforming data into useful information to support organizational decisions and outcomes management. Utilizes software tools for the manipulation, analysis, and visualization of data. Applies statistical methods with data extraction methodologies, data exploration, and mining.

### **HLIN 438. Revenue Cycle Management for Health Care. 4 Units.**

In-depth analysis of the U.S. health-care reimbursement system. Addresses principles of revenue cycle management, payment methodologies, and associated data requirements.

### **HLIN 439. Management in Health Care. 5 Units.**

Principles of management and human resources, including: human resource acquisition, training, development, and evaluation; productivity; benchmarking; problem solving, and decision making.

### **HLIN 440. Leadership and Strategy Management in Health Care. 4 Units.**

Leadership theory and principles, including: communication skills; negotiating and influencing; team building and management; workflow optimization; strategy and vision planning; diversity and cultural influences. Reflection and evaluation assessment of personal awareness, strengths, and weaknesses.

### **HLIN 454. Professional Practice Experience II. 4 Units.**

Provides supervised professional practice experience (120 hours) in health information management (virtual and in-person), with a minimum of 40 hours at an approved health-care or health-related facility. Combines written and oral reports of experience with classroom discussion. International experience may be available. Prerequisite: HLIN 354; or consent of instructor.

### **HLIN 472. Information Systems Management in Health Care II. 4 Units.**

Advanced study of information system development, diffusion, and strategic application in health care and alignment with terminologies, vocabularies, and nomenclatures. System usability, regulatory compliance, advanced security, interoperability, and valuation examined. Health information organizations and operations, consumer and public health informatics, internal and external data integrity and validity. Prerequisite: HCBL 471.

**HLIN 483. Alternative Delivery Systems in Health Care. 4 Units.**

Focuses on health information management in delivery systems such as: long-term care, hospital-based and free-standing ambulatory care, hospice, home health, dialysis centers, veterinary medicine, consulting, correctional facilities, mental health, substance abuse, dental, rehabilitation, managed care, and cancer registry. Health record content, format, and regulatory requirements; the role of the HIM professional; data collection; risk and utilization management; and quality improvement areas.

**HLIN 484. Current Topics in Health Information Administration. 4 Units.**

Focuses on career planning, management skills, and professional development. Health information management professionals working in various health-care settings share their knowledge and experience with students. Includes preparation exercises for the national credentialing examination.

**HLIN 493. Health Information Management I. 4 Units.**

Introduces basic management functions, philosophies, principles, and tools of health-care management. Emphasizes management theory, management tools, and application. Specific topics include: planning, organizing, controlling, management by objective, problem solving and decision making, and group dynamics.

**HLIN 494. Health Information Management II. 4 Units.**

Advanced study of topics relevant to management and leadership in the HIM profession, including leadership theory and strategies; ergonomics/workplace design; individual and organizational productivity; innovation and change management; labor legislation; emotional intelligence; cultural and workforce diversity; ethical and social responsibility; disaster preparedness; entrepreneurship; tactical and strategic planning; contemporary leadership issues.

**HLIN 499. Health Information Administration Independent Study. 1-4 Units.**

Student submits a project or paper on a topic of current interest in an area of health information administration. Regular meetings to provide the student with guidance and evaluation. Elected on the basis of need or interest. May be repeated.