

# HEALTH SCIENCE AND HEALTH INFO (HSHI)

## HSHI 362 Med Term Word Processing (3 Credits)

**Lecture:** 3

Medical Terminology/Word Processing (3) Designed to extensively develop the student's medical vocabulary: Greek and Latin prefixes, suffixes, word roots, and combining forms used to build medical terms. Three hours of lecture per week. Prerequisites: BIOL 135 and BIOL 136.

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## HSHI 363 Basic Foundations I (3 Credits)

**Lecture:** 3

Basic Foundations I (3) Introduction to health information systems and technology; assessment of institutional and patient-related information needs; departmental, informational, service, and operational needs. Three hours of lecture per week. Prerequisite: HSCR 150.

**Prerequisite(s):** (HSCR 150)

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## HSHI 363L Basic Foundations I Lab (2 Credits)

**Lab:** 6

Basic Foundations Laboratory (2) Designed to simulate a health information department with the activities of health information management. Prerequisite: HSCR 150. Co-requisite: Enrollment in HSHI 363 required. Six hours of laboratory per week.

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## HSHI 364 Management of Health Data I (3 Credits)

**Lecture:** 3

Management of Health Data I (3) Indexes and registries; nomenclature and classification systems; data abstraction; departmental operations and services. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 365, and HSHI 366.

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## HSHI 364L Management of Health Data Lab (2 Credits)

**Lab:** 6

Management of Health Data Laboratory (2) Simulated activities where students are given the opportunity to practice coding diagnoses and procedures from actual medical records using computer technology. Six hours of laboratory per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 365, and HSHI 366.

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## HSHI 365 Directed Practice I (2 Credits)

**Lecture:** 2, **Lab:** 0

Directed Practice I (2) Students assigned to Health Information Management Departments for experiences in the technical aspects of health information management. Two hours of lecture and one hour of laboratory per week. Prerequisites: BIOL 135 and BIOL 136.

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## HSHI 366 Legal Aspects (2 Credits)

**Lecture:** 2, **Lab:** 0

Legal Aspects (2) Legal terminology; the court system; control and use of health information; health care legislation and regulations; confidentiality; ethical standards for health information managers. Two hours of lecture per week. Prerequisites: HSCR 150 and HSCR 260.

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## HSHI 373 Basic Foundations II (2 Credits)

**Lecture:** 2, **Lab:** 0

Basic Foundations II (2) Management of health information in non-traditional settings: long-term care, ambulatory care, hospices, home health care, psychiatric centers, and rehabilitation facilities. Two hours of lecture per week. Prerequisites: HSHI 363 and HSHI 363L.

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## HSHI 374 Management of Health Data II (2 Credits)

**Lecture:** 2, **Lab:** 0

Management of Health Data II (2) Clinical coding procedures, outpatient coding, statistics, and reporting guidelines. Two hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

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## HSHI 401 Inservice Training Health Information Managers (1 Credits)

**Lecture:** 1, **Lab:** 0

In-Service Training for Health Information Managers (1) Presentation of in-service training tools and techniques. One hour of lecture per week. Prerequisite: HSHI 479.

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## HSHI 402 Comprehensive Health Information Management (1 Credits)

**Lecture:** 1, **Lab:** 0

Comprehensive Health Information Management (1) Review of competencies addressed in all professional courses. Students enrolled must pass a comprehensive examination with a score of 75% or better prior to graduation. Prerequisites: Completion of all HSCR and HSHI courses, except HSHI 476 and HSHI 478.

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## HSHI 473 Quality Assurance Management (3 Credits)

**Lecture:** 3, **Lab:** 0

Quality Assurance Management (3) Theory and application of quality improvement, utilization review, risk management, Medicare and Medicaid review process, and other laws and regulations applicable to health information systems. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

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## HSHI 474 Computerized Health Information Systems (3 Credits)

**Lecture:** 3, **Lab:** 0

Computerized Health Information Systems (3) Evaluation of hardware and software components of computers for health information systems: design and cost effectiveness, record linkages, and data sharing. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

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**HSHI 475 Directed Practice II (3 Credits)**

**Lecture:** 3, **Lab:** 0

Directed Practice II (3) Students assigned to a health information management center for experiences in quality improvement, computer applications, classification systems, and statistical analysis of health information. One hour of lecture, one hour of laboratory, independent study per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

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**HSHI 476 Preceptorship (4 Credits)**

**Lecture:** 4, **Lab:** 0

Preceptorship (4) Students assigned to a health information center for administrative management training. Individual projects assigned for completion at site. One hour of lecture and ten hours of laboratory per week. Prerequisite: Consent of the Program Director.

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**HSHI 477 Mgmt of Hlth Info Systems (4 Credits)**

**Lecture:** 4, **Lab:** 0

Management of Health Information Systems (4) Teories of managerial concepts and control mechanisms as applied to health information systems. Four hours of lecture per week. Prerequisites: All HSHI courses through HSHI 475.

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**HSHI 478 Probs In Medical Records (2 Credits)**

**Lecture:** 2, **Lab:** 0

Problems in Medical Records / Health Information Management (2) Problem identification and resolution, including formulation of alternative solutions, for health information management. Post-preceptorship discussions also included. Two hours of lecture per week. Prerequisite: Consent of the Program Director.

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**HSHI 479 Health Info Personnel Mgmt (3 Credits)**

**Lecture:** 3, **Lab:** 0

Health Information Personnel Management (3) Discussion of the skills, techniques, policies, and procedures needed for successful human resource management: interview process, performance appraisals, and wage and salary administration. Tree hours of lecture per week. Prerequisites: All HSHI courses through HSHI 475.

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