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## Imaging Sciences

### Bachelor of Science in Radiology Management Degree

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The Radiology Management program is designed to help the Imaging professional prepare for the many types of leadership positions available in the Radiologic Sciences. The degree program will provide essential information relative to the most current trends and effective management practices in Radiology. The program core content focuses on the Association for Medical Imaging Management's (AHRA) professional development resources along with current medical procedures. These procedures include courses that apply the electronic medical record conversion with PACS systems and Joint Commission practices.

#### Admissions requirements:

1. A high school diploma or its equivalency is required for admission into the program;
2. Successful interview with an intake (admissions) counselor; and
3. Successful completion of a ARRT Imaging registry unencumbered license (Registered Technologist, RT(R), (CT), (MR), (US), (NM), (CIT)(RTT)(CVT)), or ARDMS or ARMRIT license will be verified by admissions director for successful completion of the ARRT Registry) or successful completion of an ARRT recognized program (must be approved by department director).
  - a. 55 Semester hours (82.5 quarter credit hours) of lower division courses and General Education courses must be completed before enrollment in BSRM core of courses, the required 55 credit hours (82.5 quarter credit hours) are as follows:
    - i. 37 semester hours of general education credit hours (55.5 quarter credit hours) must be completed; and
    - ii. 18 semester hours of prerequisites credit hours (27 Quarter Credit Hours) must be completed
  - b. 40 Semester hours (60 quarter credit hours) of radiology courses must be completed before enrollment in the BSRM program. Modalities may vary
4. Updated immunization records ( a listing of immunizations can be located in the admissions office)
5. Student must complete a prerequisite orientation to determine if a student will be able to manage education utilizing the online platform. In order to receive credit for attending this orientation (presented on the LMS) a student must complete assignments such as writing a brief bio, answering a thread question, respond to other new enrollees and other tasks experienced throughout the duration of the program. This will serve as a simulation of the courses offered and a determinant if the student will be prepared to start with the distance education platform provided.

The program content is offered through online lecture. 78 Quarter credits will be awarded under the Southwest University BSRM curriculum.

#### Prerequisites:

Registered applicants seeking admission to the BSRM must have completed the following:

Prerequisites Courses	Semester Credit Hours	Quarter Credit Hours
Anatomy and Physiology	8	12
General Pathology	3	4.5
Biology	4	6
Introduction to Psychology	3	4.5
General Education	Semester Credit Hours	Quarter Credit Hours
Introductory Mathematics	6	9
Introduction to Computers	3	4.5
Professional Communication	3	4.5
Social Sciences	10	15
Electives	6	9
English	6	9
College Algebra	3	4.5
Radiology Courses	Semester Credit Hours	Quarter Credit Hours
May vary based on modality	40	60

**Program Delivery: Online**

**Definition of Academic Year:** An academic year will consist of 30 instruction weeks and 36 quarter credit hours.

**Full Time Status:** Student's enrollment status will be considered full time if they are enrolled in at least 7.5 credit hours in a six week period.

**Transfer Hours:**

**General Education: 18 semester hrs (27 Quarter Credit Hours)**

**Prerequisites/Lower Division: 37 semester hrs (55.5 Quarter Credit Hours)**

**Radiology Advanced Standing Credit (ARRT Completion): 40 semester hrs (60 Quarter Credit Hours)**

**Total Lab Hours: 40 Hrs**  
**Total Lecture Hours: 760 Hrs**  
**Total Externship Hours: 0 Hrs**  
**Total Program Hours: 800 Hrs**  
**Total Length of Time: 54 Wks**  
**Total Credit Hours: 78 Qtr credits**

**Total Credit Hours after transfer credit awarded: 220.50 Qtr credits**

**\*Please note that the program requires additional 2:1 outside preparation hours for any lecture hour indicated and 1:1 outside preparation hours are required for any lab hour indicated**

**ACCT 115 INTRODUCTION TO ACCOUNTING (Online Only)**

This course provides an introduction to accounting principles relating to business operations. The course will concentrate on generally accepted accounting principles, the accounting process, and the definition of accounting elements. The course covers a broad range of topics that will introduce students to the functions of accounting.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

Clock hours of individual and small group tutoring: provided to student on an as-needed basis

**Pre-Requisite: Algebra**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

**TOTAL = 3.0 Qtr Hr**

**ACCT 2015 FINANCIAL ACCOUNTING (Online Only)**

This course is an in-depth analysis of the Financial Statements, where the student will master the preparation of the Income Statement, Statement of Retained Earnings, and Balance Sheet. Based on the information provided by the Financial Statements students will learn and understand how external users make business decisions.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ACCT 125**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 12 wks

Lecture 3.0

Lab 0.0

Ext

**TOTAL = 3.0 Qtr Hr**

**ACCT 125 INTERMEDIATE ACCOUNTING (Online Only)**

This course will concentrate on payroll accounting and accounting for merchandising businesses. Students will learn to calculate employee earnings and deductions, and employer taxes and reports. The student will also learn to work with journal entries and will learn to analyze financial statements.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

Clock hours of individual and small group tutoring: provided to student on an as-needed basis

**Pre-Requisite: ACCT 115**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

**TOTAL = 3.0 Qtr Hr**

**ENGL 2010 WORKPLACE WRITING**

Workplace Writing is a course designed to help students enhance their professional writing skills. The course is based on the fundamentals writing of emails, letters, and reports. Students will practice research and writing skills appropriate for topics within the realm of their specific career fields. In addition students will read, analyze, and interpret several materials dealing with the workplace reports.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

**TOTAL = 3.0 Qtr Hr**

**ENGL 2033 WRITING AND LITERATURE**

English 2033 will expand and strengthen students' ability to read, reflect on, discuss, and write about literary texts. Students will be encouraged to assume an active and role in the literary community by becoming familiar with the conventions, terminology, and expectations in the study of literature. Students will also learn how to clearly analyze and effectively communicate ideas and intuitions/feelings about the literature they read for the course. They will begin to take part in the significant discussions and debates taking place within the academic world and in the wider culture concerning the nature and function of literature.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: NA**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture	3.0
Lab	0.0
Ext	

*TOTAL = 3.0 Qtr Hr*

**HC 2650 MEDICAL INSURANCE FORMS (Online Only)**

This course covers a wide range of medical insurance topics, including types of health insurance, types of coverage, claims processing, abstracting from medical records, and current issues in medical insurance.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: Anatomy and Physiology**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online) 6 wks

Lecture	5.0
Lab	0.0
Ext	

*TOTAL = 3.0 Qtr Hr*

**HC 3650 INSURANCE POLICIES AND PROCEDURES (Online Only)**

This course will be an intermediate understanding of the current insurance systems. The depths, rules, principles, guidelines of all governmental insurance will be identified at the local and federal levels. The course will also include current guidelines and understandings of issues involving various types of commercial healthcare insurances.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: HC 2650**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture	3.0
Lab	0.0
Ext	

*TOTAL = 3.0 Qtr Hr*

**HCA 1035 MEDICAL INFORMATICS (Online Only)**

This course is an introduction to information technology (IT) as it is applied to healthcare and related support systems. The course will examine how information is obtained, converted, and stored in electronic form which is used in various areas in the medical field as a result of the recent implementations of Electronic Medical Records (EMR).

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: 3650**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture	3.0
Lab	0.0
Ext	

*TOTAL = 3.0 Qtr Hr*

**HCA 3035 JOINT COMMISSION COMPLIANCE**

This course describes the latest information needed for hospital accreditation under the Joint Commission standards. The course is designed for the student to understand the accreditation requirements utilizing the correct policies and procedures with the appropriate documentation.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISC 100 HUMAN VALUES, ETHICS, AND LAW IN HEALTHCARE**

This course is designed to provide students with the opportunity to explore their personal values system within the context of practice as a health professional. This course will provide an introduction to the elementary concepts of medical law for first line-supervisors and health care practitioners. The course will discuss the effects that HIPAA regulation may have on the imaging industry including information management. This course will provide explanation relative for providing safeguards for maintaining the integrity of all confidential patient medical records.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 1010 COMMUNICATION AND INFORMATION MANAGEMENT IN RADIOLOGY I**

As the Imaging industry evolves, it will become necessary that imaging administrators grow with the changes around them. This course will discuss and formulate a basic strategic plan relative to baseline analysis, identifying goals, quality improvement, resource identification, plan and strategy development, definition of success and communication of results. This course will discuss the importance of performing baseline assessments for the formation of trend analysis.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 1021 COMMUNICATION AND INFORMATION MANAGEMENT IN RADIOLOGY II**

This course will discuss the importance of being able to communicate effectively manage data in any format including electronic communications. The course will include the importance of performing a baseline analysis for image management by managing the flow of digital data. The course will discuss the value driven approach to developing a project plan for implementation of IT products.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 1010**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 2010 OPERATIONS MANAGEMENT I**

This course will review baseline steps in developing organizational scope of service to include building alliances. The course will discuss the development of imaging protocols, policies and procedures. The course will discuss development of imaging marketing plans as well as methods of evaluation and application of data.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 2021 OPERATIONS MANAGEMENT II**

This course will discuss customer service and satisfaction relative to targeting patient needs. The course will include development of customer service standards of care. The course will include discussion regarding both quantitative and qualitative satisfaction measurement tools. The course will provide methods for analyzing and applying data to improve imaging customer service.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 2010**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 3010 HUMAN RESOURCE MANAGEMENT I**

This course will discuss human resource planning by reviewing the impact of legal precedent on human resource practice. This course will explain the challenges of creating a workforce plan. The course will include discussion pertinent to human resource employment recruitment.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 1021**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 3021 HUMAN RESOURCE MANAGEMENT II**

This course will discuss Human Resource training and development. The course will discuss Human Resource retention by building solid employee relationships. The course will include developing communication skills that improve morale and motivation.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 3010**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**ISRM 4010 FINANCIAL MANAGEMENT IN RADIOLOGY I**

Radiology administrators are taking on new responsibilities that may vary from measuring productivity to budgeting. Due to these circumstances this course was designed to educate the student with the fundamentals of finance in the healthcare market with a specialization in the radiological field. The course will provide the fundamentals and principles of practical applications from financial problems and apply them to the challenges of the healthcare budgets.

**Clock hours of lab: 10**

**Clock hours of classroom lecture: 40**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ACCT 2015**

**Total Clock Hours: 50**

**Tuition: \$1035.00**

Length of time in wks (Online): 6 wks

Lecture 4.0

Lab 0.5

Ext

*TOTAL = 4.5 Qtr Hr*

**ISRM 4021 FINANCIAL MANAGEMENT IN RADIOLOGY II**

This course is designed as a continuation of the education of the fundamentals of finance in radiological settings. The course will provide a special emphasis on financial management and financial markets found in radiology departments. The material covered is set to utilize the fundamentals obtained in ISRM 4010 and apply that information in the planning and development of radiology management.

**Clock hours of lab: 10**

**Clock hours of classroom lecture: 40**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 4010**

**Total Clock Hours: 40**

**Tuition: \$1035.00**

Length of time in wks (Online): 6 wks

Lecture 4.0

Lab 0.5

Ext

*TOTAL = 4.5 Qtr Hr*

**ISRM 5010 ASSET MANAGEMENT IN RADIOLOGY I**

This course is designed as building blocks of managing businesses assets. Information presented in this course will cover the topics involving the asset management in the development of the business plan of a radiology department or facility. The course will review the various differences needed per modality and the knowledge needed for equipment evaluation.

**Clock hours of lab: 10**

**Clock hours of classroom lecture: 40**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 4010**

**Total Clock Hours: 50**

**Tuition: \$1035.00**

Length of time in wks (Online): 6 wks

Lecture 4.0

Lab 0.5

Ext

*TOTAL = 4.5 Qtr Hr*

**ISRM 5021 ASSET MANAGEMENT IN RADIOLOGY II**

This course will cover the information needed for advanced asset organization and management. The information provided in this course will serve as the finalization process in the strategic planning of a project implementation. As an advanced course in a management realm special topics will include project coordination, vendor selection, and the application of all of the material covered throughout the program.

**Clock hours of lab: 10**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: ISRM 5010**

**Total Clock Hours: 40**

**Tuition: \$1035.00**

Length of time in wks (Online): 6 wks

Lecture 4.0

Lab 0.5

Ext

*TOTAL = 4.5 Qtr Hr*

**HIS 2010 HISTORY OF THE UNITED STATES TO 1865**

This course is designed to educate the student with the social, intellectual, economic, and political developments that have molded the history of America from Pre- Colonial period to the end of the Civil War. This course will emphasize the cause and effect of developments and their influence on the modern America.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: N/A**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**HIS 2021 HISTORY OF THE UNITED STATES FROM 1865 TO PRESENT**

This course is designed to educate the student with the social, intellectual, economic, and political developments that have molded the history of America from the end of the Civil War to the end of the Gulf War. This course will emphasize the cause and effect of developments and their influence on the modern America.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: HIS 2010**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**POLS 2010 INTRODUCTION TO POLITICS**

This course is designed as an overview of concepts, principles, and practices of politics as background for the study of American politics and their respective national, state, and local institutions. The course will also compare American politics with international systems to show the similarities or differences in our political systems.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: NA**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

**POLS 2021 AMERICAN GOVERNMENT AND POLITICS**

This course is designed as an overview the structure of American national government. The course will introduce ideas and institutions that shape politics in the United States. The course will focus on the Constitution, the modern American governmental institutions, and the political behavior of the American public.

**Clock hours of lab: 0**

**Clock hours of classroom lecture: 30**

*Clock hours of individual and small group tutoring: provided to student on an as-needed basis*

**Pre-Requisite: POLS 2010**

**Total Clock Hours: 30**

**Tuition: \$690.00**

Length of time in wks (Online): 6 wks

Lecture 3.0

Lab 0.0

Ext

*TOTAL = 3.0 Qtr Hr*

