# Course Availability for Health Professions Health Science Completion Major

7 week Online Delivery Format Fall, Winter and Summer Semesters

#### **Health Science Core Courses**

Fall		Winter		Summer	
Session 7A	Session 7B	Session 7A	Session 7B	Session 7A	Session 7B
HESC 381	HESC 340	HESC 381	HESC 318	HESC 381	
Introduction to	Legal & Ethical	Introduction to	Introduction to	Introduction to	
Health Sciences	Considerations	Health Sciences	Health	Health Sciences	
Program	in Health Care	Program	Profession	Program	
(3 cr hrs)	(3 cr hrs)	(3 cr hrs)	Research	(3 cr hrs)	
			(3 cr hrs)		
HESC 310	HESC 481	HESC 310	HESC 481	HESC 318	
Health Care	Capstone/	Health Care	Capstone/	Intro to Health	
Economics &	Senior Project	Economics &	Senior Project	Profession	
Finance	(1 cr hr)	Finance	(1 cr hr)	Research	
(3 cr hrs)		(3 cr hrs)		(3 cr hrs)	
HESC 348		HESC 340		HESC 481	
Concepts of		Legal & Ethical		Capstone/	
Management &		Considerations		Senior Project	
Leadership in		in Health Care		(1 cr hr)	
Health Care		(3 cr hrs)		Full Summer	
(3 cr hrs)				Term 10 wks	
		HESC 348			
		Concepts of			
		Management &			
		Leadership in			
		Health Care			
		(3 cr hrs) Full			
		Term 15 wks			
		HESC 435			
		Community			
		Health			
		Perspectives			
		(3 cr hrs)			

#### **Health Science Elective Courses**

Fall		Winter		Summer	
Session 7A	Session 7B	Session 7A	Session 7B	Session 7A	Session 7B
HESC 320	HESC 330	HESC 445	HESC 326	HESC 302	HESC 371
Human	Health Care	Health Care &	Issues & Trends	Mission	Alternatives
Resources in	Organizational	Government	in Health Care	Experience in	Therapies for
Health Care	Systems	(3 cr hrs)	(3 cr hrs)	Cultural Diversity	Health & Illness
(3 cr hrs)	(3 cr hrs)			(3 cr hrs)	(3 cr hrs)

Fall		Winter		Summer	
Session 7A	Session 7B	Session 7A	Session 7B	Session 7A	Session 7B
HESC 345 History of Health Care in the United States (3 cr hrs)		HESC 440 Special Project in Health Care (1-3 cr hrs)		HESC 350 Risk Management in Health Care Organizations (3 cr hrs)	
HESC 440 Special Project in Health Care (1-3 cr hrs)				HESC 440 Special Project in Health Care (1-3 cr hrs)	

Session 7A   Session 7B   Session 7B   Session 7B   Session 7B	Health Science Emphasis Courses							
Management Emphasis  HESC 448 Leadership Theory in Health Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Medical Informatics Theories in  HESC 411 Applied Informatics Theories in  HESC 412  HESC 413 Data Analytics for Healthcare Interdisciplinary Team Practice in Personnel Management (3 cr hrs)  Health Care (3 cr hrs)  HESC 430 Instructional Planning & Delivery (3 cr hrs)  HESC 430 Instructional Planning & Delivery (3 cr hrs)  HESC 411 Documentation in the Digital Age	Fall	Winter		Summer				
HESC 448 Leadership Theory in Health Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  HESC 432 Teaching Learners in Health Care (3 cr hrs)  HESC 430 HESC 431 Teaching Learners in Health Care (3 cr hrs)  For Health Care (3 cr hrs)  Hesc 411 Applied Informatics Theories in  Hesc 413 Data Analytics for Healthcare In the Digital Age	Session 7A Session 7B	Session 7A	Session 7B	Session 7A	Session 7B			
Leadership Theory in Health Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Health Care (3 cr hrs)  HESC 430 Instructional Planning & Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Theories in  Hesc 413 Data Analytics Theories in  Interdisciplinary Team Practice in Personnel Management (3 cr hrs)  HESC 430 Instructional Planning & Development in Planning & Delivery (3 cr hrs)  HESC 410 Documentation in the Digital Age		Manageme	nt Emphasis					
Theory in Health Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Health Care (3 cr hrs)  Teaching Learners in Health Care (3 cr hrs)  Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 413 Data Analytics Theories in  Personnel Management (3 cr hrs)  HESC 430 Instructional Planning & Delivery (3 cr hrs)  HesC 430 Instructional Planning & Delivery (3 cr hrs)  HeSC 410 Delivery (3 cr hrs)  HESC 411 Documentation in the Digital Age	HESC 448		HESC 451		HESC 421			
Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Theories in  Care (3 cr hrs)  Management (3 cr hrs)  HESC 430 Instructional Instructional Planning & Development in Planning & Delivery (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Emphasis  HESC 412 Clinical Documentation in the Digital Age	Leadership		Interdisciplinary		Health Care			
Care (3 cr hrs)  Education Emphasis  HESC 431 Teaching Professional Development in Health Care (3 cr hrs)  Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Theories in  Care (3 cr hrs)  HESC 430 Instructional Planning & Development in Planning & Development in Planning & Delivery (3 cr hrs)  Health Care (3 cr Delivery (3 cr hrs)  HESC 411 Applied Informatics Emphasis	Theory in Health		Team Practice in		Personnel			
Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 413 Data Analytics Theories in  HESC 431 HESC 430 Instructional Instructional Planning & Development in Planning & Delivery (3 cr hrs)  HESC 412 Clinical Documentation in the Digital Age	Care		Community Based		Management			
Education Emphasis  HESC 431 Teaching Learners in Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 413 Data Analytics Theories in  HESC 431 HESC 430 Instructional Planning & Development in Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Theories in  HESC 413 Data Analytics for Healthcare  Documentation in the Digital Age	(3 cr hrs)		Care		(3 cr hrs)			
HESC 431 Teaching Learners in Health Care (3 cr hrs)  HESC 411 Applied Informatics Theories in  HESC 432 Professional Development in Health Care (3 cr hrs)  HESC 411 Applied Informatics Theories in  HESC 413 Data Analytics for Healthcare  HESC 412 Clinical Documentation in the Digital Age			(3 cr hrs)					
Teaching Learners in Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Theories in  Professional Development in Health Care (3 cr hrs)  Health Care (3 cr hrs)  Health Care (3 cr hrs)  Hesc 412 Clinical Documentation in the Digital Age		Education	Emphasis					
Learners in Health Care (3 cr (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Informatics For Health Care (5 cm hrs)  HESC 412 Clinical Documentation in the Digital Age	HESC 431		HESC 432		HESC 430			
Learners in Health Care (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Informatics For Health Care (3 cr hrs)  Theories in  Development in Health Care (3 cr health Care (3 cr hrs)  Health Care (3 cr hrs)  Health Care (3 cr hrs)  Hesc 412 Clinical Documentation in the Digital Age	Teaching		Professional		Instructional			
(3 cr hrs) hrs) (3 cr hrs)  Medical Informatics Emphasis  HESC 411 Applied Informatics Data Analytics For Healthcare in the Digital Age	_		Development in		Planning &			
Medical Informatics Emphasis  HESC 411 Applied Informatics Data Analytics Theories in For Healthcare Informatics In the Digital Age	Health Care		Health Care (3 cr		Delivery			
HESC 411 Applied Informatics Data Analytics Documentation Theories in for Healthcare In the Digital Age	(3 cr hrs)		hrs)		(3 cr hrs)			
Informatics Data Analytics Documentation Theories in for Healthcare in the Digital Age		Medical Informatics Emphasis						
Informatics Data Analytics Documentation Theories in for Healthcare in the Digital Age	HESC 411 Applied		HESC 413		HESC 412 Clinical			
	Informatics		Data Analytics		Documentation			
,	Theories in		for Healthcare		in the Digital Age			
Healthcare (3 cr hrs) (3 cr hrs)	Healthcare		(3 cr hrs)		(3 cr hrs)			
(3 cr hrs)	(3 cr hrs)							
Pre-MBA/Pre-MHA Emphasis		Pre-MBA/Pre-	MHA Emphasis					
Fall Winter Summer	Fall	Winter		Summer				
ECON 101 ACCT 201 MKTG 301	ECON 101	ACCT 201		MKTG 301				
Fundamentals of Economics Principles of Accounting Principles of Marketing	Fundamentals of Economics							
(3 cr hrs) (3 cr hrs) (3 cr hrs)	(3 cr hrs)	· · ·						
FINC 301				•				
Principles of Finance	Principles of Finance							
(3 cr hrs)	•							

Medical Sonography Emphasis						
Fall		Winter		Summer		
Session 7A	Session 7B	Session 7A	Session 7B	Session 7A	Session 7B	
	HESC 448		MESO 401		HESC 430	
	Leadership		Advanced		Instructional	
	Theory in Health		Project in		Planning &	
	Care		Medical		Delivery	
	(3 cr hrs)		Sonography II		(3 cr hrs)	
	, ,		(3 cr hrs)		, ,	
	MESO 400					
	Advanced					
	Project in					
	Medical					
	Sonography I					
	(3 cr hrs)					
	1, , ,	Respirato	ry Emphasis		1	
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	RESA 320		RESA 310		RESA 311	
	Cardiopulmonary		Cardiopulmonary		Neonatal/	
	Monitoring		Assessment		Pediatric	
	(3 cr hrs)		(3 cr hrs)		Respiratory Car	
					(odd years)	
					(3 cr hrs)	
	RESA 495		RESA 495		RESA 321	
	Independent		Independent		Pediatric	
	Study		Study		Respiratory Car	
	(3 cr hrs)		(3 cr hrs)		Case Mgt	
					(even years)	
					(3 cr hrs)	
					RESA 495	
					Independent	
					Study	
					(3 cr hrs)	

## **Advanced Imaging Emphasis**

Fall	Winter	Summer
ADIM 305 MRI Theory		ADIM 300 CT Theory
(6 cr hrs)		(3 cr hrs)
ADIM 315 Practicum II (MRI)		ADIM 328 Clinical Aspects of CT
(3 cr hrs)		(4 cr hrs)
ADIM 425 Clinical Aspects of MRI		ADIM 404 Practicum I (CT)
(5 cr hrs)		(3 cr hrs)
ADIM 396 Variable Independent	ADIM 396 Variable Independent	ADIM 396 Variable Independent
Clinical	Clinical	Clinical
(1-4 cr hrs)	(1-4 cr hrs)	(1-4 cr hrs)

Fall	Winter	Summer
ADIM 311 Vascular Interventional	ADIM 413 Cardiovascular	
Technology	Interventional Technology	
(3 cr hrs)	(5 cr hrs)	
ADIM 321 Practicum III (Vascular	ADIM 432 Practicum IV	
Interventional Technology)	(Cardiovascular Interventional	
(4 cr hrs)	Technology) (3 cr hrs)	

### **Arts & Science Courses**

Fall		Winter		Summer	
Session 7A	Session 7B	Session 7A	Session 7B	Session 7A	Session 7B
RELP 316	RELP 306	RELP 316	RELP 306	RELP 316	RELP 306
Spirituality in	Spiritual	Spirituality in	Spiritual	Spirituality in	Spiritual
Healing &	Dimensions of	Healing &	Dimensions of	Healing &	Dimensions of
Healthcare	Death & Dying	Healthcare	Death & Dying	Healthcare	Death & Dying
(3 cr hrs)	(3 cr hrs)	(3 cr hrs)	(3 cr hrs)	(3 cr hrs)	(3 cr hrs)
MATH 201	MATH 201	MATH 201		BIOL 263	
Probability &	Probability &	Probability &		Sectional	
Statistics	Statistics	Statistics		Anatomy	
(3 cr hrs)	(3 cr hrs)	(3 cr hrs)		(3 cr hrs)	
				Only Offered	
				this term	
Humanities	SOCI 375	Humanities	SOCI 375	Humanities	SOCI 375
elective	Cultural Diversity	elective	Cultural Diversity	elective	Cultural Diversity
(3 cr hrs)	in Healthcare	(3 cr hrs)	in Healthcare	(3 cr hrs)	in Healthcare
	(3 cr hrs)		(3 cr hrs)		(3 cr hrs)
	BIOL 350			BIOL 350	
	Pathophysiology			Pathophysiology	
	(3 cr hrs)			(3 cr hrs)	