ARTICULATION AGREEMENT

NORTHWEST MISSOURI STATE UNIVERSITY AND MERCY COLLEGE OF HEALTH SCIENCES

Appendix A

The following courses are required for the BSRS degree at Northwest Missouri State University. Upon completion students are awarded a BSRS degree from Northwest Missouri State University and an ASRT degree from Mercy College of Health Sciences.

Northwest Condegree	re Courses required for I	BSRS			
Northwest Missouri State University courses		Mercy College of Health Sciences Equivalencies			
Course		Semester	Course		Semester
Code	Course Description	Hour	Code	Course Description	Hour
BIO 04-104	Medical Terminology*	3			
BIO 04-140	General Microbiology	4	BIO 203	Microbiology w/ lab	4
BIO 04-236	Anatomy for Allied Health Sciences	4	BIO 180	Human Anatomy w/ lab	4
BIO 04-238	Physiology for Allied Health Sciences	4	BIO 185	Human Physiology w/ lab	4
CHEM 24-	General Chemistry I	4	CHE 101	General Chemistry I	4
114/115	and Laboratory	4	CHE IUI	w/ lab	4
	Total	19			

*Students completing MED 101 Medical Terminology at MERCY may also elect to meet this requirement at Northwest with HPER 22-541 Human Pathophysiology, HPER 22-550 Community Health, HPER 22-552 Health Promotion, or 22-555 Intervention and Strategies for Health Behavior Change

Directed Northwest Core Courses – as required in accordance with certification and acceptance of Mercy College of Health Sciences. The following courses are to be taken to fulfill general education requirements for Northwest Missouri State University.

Northwest Missouri State University courses		Mercy College of Health Sciences courses			
Course		Semester	Course		Semester
Code	Course Description	Hour	Code	Course Description	Hour
BIO 04-	General Biology and				
102/103	Laboratory			General Biology w/	
Or	Or	4	BIO 101	lah	4
BIO 4-	Principles of Biology			140	
106/107	and Laboratory				
ENG 10-111	Composition I	3	ENG 101	English Composition I	3
ENG 10-112	Composition II	3	ENG 102	English Composition II	3
COM/CORE	Oral Communication	3			
PHYS 25-	General Physics I and	4	PHY 101	Physics w/ lab	4
110/111	Laboratory			,	
PHIL 39-276	Biomedical Ethics	3	PHI 320	Bioethics	3
SOC 35-101	General Sociology	3	SOC 102	Sociology	3
MATH 17-	College Algebra	3	MAT 120	College Algebra	3
118	College Algebra	3	141/11 120	College Algebra	,
	Total	26			

Institutional Requirements for Northwest Missouri State University				
Digital Literacy Course	3			
Total	3			
Remaining Northwest Core requirements*	18			
Total hours completed at Northwest	66			

The following courses (51 credits) are completed at Mercy College of Health Sciences and transfer to Northwest Missouri State University as a block of 58 semester hours due to the structure of clinical education. All courses must be successfully completed for the block of 58 semester hours to transfer. There are no equivalencies for these courses offered at Northwest Missouri State University.

IVIIS	ssouri State	University.		
		Mercy College of Health Sciences courses		
		Course		Semester
		Code	Course Description	Hour
		RAD 101	Foundations of	2
			Radiologic Imaging	
		RAD 104	Principles of	2
			Radiologic Imaging	
		RAD 110	Applied Radiography I	3
		RAD 111	Clinical Practicum I	2
		RAD 114	Principles of	2
			Radiologic Imaging II	
		RAD 116	Imaging Systems	3
		RAD 120	Applied Radiography	3
			II	
		RAD 121	Clinical Practicum II	2
		RAD 130	Applied Radiography	2
			III	
		RAD 131	Clinical Practicum III	5
		RAD 202	Radiographic	3
			Pathology	
		RAD 203	Advanced Patient Care	2
		RAD 205	Radiation Physics	3
		RAD 210	Applied Radiography	2
			IV	
		RAD 211	Clinical Practicum IV	3
		RAD 215	Radiation Biology	3
		RAD 220	Applied Radiography	3
			V	
		RAD 221	Clinical Practicum V	3
		SVL 285	Servant Leadership	3
			sfer Hours from Mercy	50
			e of Health Sciences	58
Total hours for BSRS degree at	124			
Northwest	124			

Appendix B

The following courses are required for the ASRT degree at Mercy College of Health Sciences. Graduates with the ASRT degree may transfer equivalent courses to Northwest Missouri State University to complete their BSRS degree.

Course Code Co BIO 180 Hu BIO 185 Hun ENG 101 ENG 102 Engl			Northw Course Code BIO 04-236 BIO 04-238 ENG 10- 111 ENG 10- 112	Course Description Human Anatomy for Allied Health Sciences Human Physiology for Allied Health Sciences Composition I Composition II	Semester Hour 4 4 3					
Course Code Co BIO 180 Hu BIO 185 Hun ENG 101 ENG 102 Engl	man Anatomy w/ lab man Physiology w/ lab lish Composition I lish Composition II Foundations of diologic Imaging	Semester Hour 4 4 3 3	Course Code BIO 04-236 BIO 04-238 ENG 10- 111 ENG 10-	Course Description Human Anatomy for Allied Health Sciences Human Physiology for Allied Health Sciences Composition I	Semester Hour 4					
Course Code Co BIO 180 Hu BIO 185 Hun ENG 101 ENG 102 Engl	man Anatomy w/ lab man Physiology w/ lab lish Composition I lish Composition II Foundations of diologic Imaging	Semester Hour 4 4 3 3	Code BIO 04-236 BIO 04-238 ENG 10- 111 ENG 10-	Course Description Human Anatomy for Allied Health Sciences Human Physiology for Allied Health Sciences Composition I	Hour 4 4					
Code Code BIO 180 Hu BIO 185 Hun ENG 101 ENG 102 Engl	man Anatomy w/ lab man Physiology w/ lab lish Composition I lish Composition II Foundations of diologic Imaging	Hour 4 4 3 3	Code BIO 04-236 BIO 04-238 ENG 10- 111 ENG 10-	Human Anatomy for Allied Health Sciences Human Physiology for Allied Health Sciences Composition I	Hour 4 4					
BIO 180 Hun BIO 185 Hun ENG 101 Eng ENG 102 Engl	man Anatomy w/ lab man Physiology w/ lab lish Composition I lish Composition II Foundations of diologic Imaging	4 3 3	BIO 04-236 BIO 04-238 ENG 10- 111 ENG 10-	Human Anatomy for Allied Health Sciences Human Physiology for Allied Health Sciences Composition I	4					
BIO 180 BIO 185 Hun ENG 101 Eng ENG 102 Engl	lab man Physiology w/ lab lish Composition I lish Composition II Foundations of diologic Imaging	3 3	BIO 04-238 ENG 10- 111 ENG 10-	Allied Health Sciences Human Physiology for Allied Health Sciences Composition I	4					
ENG 101 Eng ENG 102 Engl	lish Composition II Foundations of diologic Imaging	3	ENG 10- 111 ENG 10-	for Allied Health Sciences Composition I						
ENG 102 Engl	lish Composition II Foundations of diologic Imaging	3	111 ENG 10-	-	3					
RAD 101	Foundations of diologic Imaging			Composition II						
RADIOL	diologic Imaging	2		composition if	3					
	Principles of	-								
RAD 104 Ra	diologic Imaging	2								
RAD 110 App	lied Radiography I	3								
RAD 111 Cli	inical Practicum I	2								
RAD 114 Rad	Principles of liologic Imaging II	2								
RAD 116 Ir	maging Systems	3								
RAD 120 App	plied Radiography II	3								
RAD 121 Clin	nical Practicum II	2								
RAD 130 App	plied Radiography III	2								
RAD 131 Clir	nical Practicum III	5								
RAD 202	Radiographic Pathology	3								
RAD 203 Adv	anced Patient Care	2								
	adiation Physics	3								
RAD 210 App	olied Radiography IV	2								
RAD 211 Clir	nical Practicum IV	3								
RAD 215 Ra	adiation Biology	3								
KAD 220	plied Radiography V	3								
RAD 221 Clin	nical Practicum V	3								
SPE 105	Small Group Communication	1	COM 29- 102	Fundamentals of Oral Communication	3					
	rvant Leadership	3								
<u>.</u>	The following elect	ives are req	uired for the	ASRT degree	The following electives are required for the ASRT degree					

Core Elective	3	
Humanities Elective	3	See Appendix C for elective equivalencies for
MAT Elective (College Algebra or higher level of math, not statistics)	3	each discipline.
Social Science Elective	3	
Total hours for the ASRT degree at Mercy College of Health Sciences	78	

Appendix CThe following courses are equivalent general education courses that transfer between Northwest Missouri State University and Mercy College of Health Sciences. Note, per Appendix A, that additional Northwest Core courses may be required.

General	Northwest Missouri	Semester	Mercy College of	Semester
Education	State University	Hours	Health Sciences	Hours
Course	·			
Mathematical	MATH 17-118 Precalculus	3	MAT-120 College	3
Reasoning	Algebra		Algebra	
Life Sciences	BIO 04-102/103 General	4	BIO-101 General Biology	4
	Biology/Lab OR 04-106/107		w/lab	
	Principles of Biology/Lab			
	DIO 04 140 Camanal	4		4
	BIO 04-140 General Microbiology	4	BIO-203 Microbiology	
	Microbiology		w/lab	
Physical Sciences	CHEM 24-114/115 General	4	CHE-101 General	4
Thysical Sciences	Chemistry I and Laboratory	'	Chemistry I w/lab	
	Chemistry I and Education		Chemistry I write	
	PHYS 25-110/111 General	4	PHY-101 Physics w/lab	4
	Physics I/Laboratory		J	
Social Sciences	PSYC 08-103 General	3	PSY-101 General	3
Social Sciences	Psychology		Psychology	3
		3		3
	SOC 35-101 General		SOC-102 Sociology	
	Sociology			
Humanities	PHIL 39-276 Introduction to	3	PHI-320 Bioethics SPA-	3
	Ethics (Biomedical)		101 Spanish I,	3
	LANG 14-141 Spanish I,	3	SPA-102 Spanish II,	3 3 3
	LANG 14-142 Spanish II	3 3	REL-334 Comparative	3
	HUM 26-162 Comparative	3	World Religions	
Fine Arts	Religions ART 13-102 Art	3	ART-120 Art	3
Time Titts	Appreciation,		Appreciation	3
	MUS-19-201 The	3	MUS-120 Music	3
	Enjoyment of Music,		AppreciationHUM-120	
	THEA 43-101 Theatre	3	Intro to Film	
	Appreciation			3
Literature	ENGL 10-220 Intro To	3	Other Options:	
	Literature		ENG 165 African	3
			American Literature,	3
			ENG-225 Young Adult	3
			Lit & Med ENG-335	
			Literature & Medicine	
Civics	US History	3	N/A	
	Political Science	3		