Department of Cardiopulmonary Science
Curriculum

JUNIOR YEAR

Summer Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
Number	**Course**	**Cr**	**Number**	**Course**	**Cr**
CPSC 3100	Introduction to the Clinical Cardiopulmonary Sciences	1	CPSC 3100	Introduction to the Clinical Cardiopulmonary Sciences	1
CPSC 3130	Cardiopulmonary Human Gross Anatomy	3	CPSC 3130	Cardiopulmonary Human Gross Anatomy	3
CPSC 3220	Cardiopulmonary Physiology	3	CPSC 3220	Cardiopulmonary Physiology	3
		7			**7**

Fall Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
Number	**Course**	**Cr**	**Number**	**Course**	**Cr**
CPSC 3270	Patient Assessment	3	CPSC 3270	Patient Assessment	3
CPSC 3280	Cardiopulmonary Pathophysiology	3	CPSC 3280	Cardiopulmonary Pathophysiology	3
CPSC 3290	Principles of Cardiac Electrophysiology	2	CPSC 3290	Principles of Cardiac Electrophysiology	2
CPSC 3200	Respiratory Therapy Fundamentals	4	CPSC 3282	Clinical Echocardiography I	4
CPSC 3285	Respiratory Clinics I	3	CPSC 3295	Sonography Principles and Instrumentation	2
		15			**14**

Spring Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
Number	**Course**	**Cr**	**Number**	**Course**	**Cr**
CPSC 3210	Cardiopulmonary Pharmacology	2	CPSC 3210	Cardiopulmonary Pharmacology	2
CPSC 3362	Critical Care Concepts I	3	CPSC 3382	Clinical Echocardiography II	2
CPSC 3300	Neonatology and Pediatrics	4	CPSC 3385	Vascular Technology I	3
CPSC 3370	Advanced Pulmonary Pathophysiology	1	CPSC 3388	Echocardiography Clinics I	6
CPSC 3395	Respiratory Clinics II	3			
		13			**13**

SENIOR YEAR

Summer Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
Number	**Course**	**Cr**	**Number**	**Course**	**Cr**
CPSC 4115	Geriatric Respiratory Care	1	CPSC 4108	Vascular Technology II	3
CPSC 4135	Critical Care Concepts II	4	CPSC 4185	Echocardiography Clinics II	3
CPSC 4145	Respiratory Clinics III	4	CPSC 4195	Vascular Clinics I	3
CPSC 4155	Medical Ethics	1	CPSC 4155	Medical Ethics	1
		10			**10**

Fall Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
	Course	**Cr**	**Number**	**Course**	**Cr**
CPSC 4205	Health Care Management	1	CPSC 4205	Health Care Management	1
CPSC 4215	Chronic Pulmonary Disease Management	2	CPSC 4208	Vascular Technology III	2
CPSC 4225	Pulmonary Diagnostic Tests	2	CPSC 4265	Echocardiography Clinics III	4
CPSC 4235	Respiratory Clinics IV	5	CPSC 4275	Vascular Clinics II	4
CPSC 4325	Advanced Topics in Respiratory Therapy	2	CPSC 4295	Echocardiographic Interpretation	2
		12			**13**

Spring Semester

Respiratory Therapy Track			Cardiovascular Sonography Track		
Number	**Course**	**Cr**	**Number**	**Course**	**Cr**
CPSC 4300	RRT Review	4	CPSC 4340	Cardiovascular Registry Review	2
CPSC 4320	Respiratory Clinics V	4	CPSC 4350	Vascular Clinics III	4
CPSC 4380	Clinical Inquiry	1	CPSC 4360	Echocardiography Clinics IV	4
CPSC 4390	Advanced Clinical Practice	3	CPSC 4370	Pediatric Echocardiography	1
			CPSC 4380	Clinical Inquiry	1
		12			**12**
	Total Hours	**69**		**Total Hours**	**69**