

## Bachelor of Science in Vascular Technology

### Curriculum

Required courses and recommended terms during which they should be taken:

#### Pre-Medical Imaging Technology

Freshman Year	Fall		
BIO 231	Human Anatomy and Physiology I	4	
CHE 101	Elementary Chemistry	3	
CHE 104	Elementary Chemistry Laboratory	1	
MATH 111	College Algebra	4	
MIT 103	Introduction to Medical Imaging	3	
<b>Total</b>		<b>15</b>	

Freshman Year	Winter		
BIO 232	Human Anatomy and Physiology II	4	
MATH 112	Trigonometry	4	
WRI 121	English Composition	3	
	Humanities elective	3	
	Social Science elective	3	
<b>Total</b>		<b>17</b>	

Freshman Year	Spring		
BIO 200	Medical Terminology	2	
BIO 233	Human Anatomy and Physiology III	4	
PSY	Psychology (PSY 201, PSY 202 or PSY 203)	3	
SPE 111	Fundamentals of Speech	3	
WRI 122	English Composition	3	
<b>Total</b>		<b>15</b>	

#### Professional Courses

Sophomore Year	Fall		
BIO 220	Cardiovascular Physiology*	4	
PHY 217	Physics of Medical Imaging*	3	
VAS 214	Vascular Anatomy*	4	
WRI 227	Technical Report Writing	3	
<b>Total</b>		<b>14</b>	

Sophomore Year	Winter		
BIO 346	Pathophysiology I*	3	
MIT 231	Sonographic Principles and Instrumentation I*	4	
VAS 246	Peripheral Arterial Disease*	4	
VAS 335	Radiographic Vascular Anatomy*	3	
<b>Total</b>		<b>14</b>	

Sophomore Year	Spring		
BIO 347	Pathophysiology II*	3	
MIT 232	Sonographic Principles and Instrumentation II*	4	
VAS 225	Patient Management Practices*	3	
VAS 245	Peripheral Venous Disease*	4	
	Social Science elective	3	
<b>Total</b>		<b>17</b>	

Junior Year	Fall		
BUS 317	Health Care Management	3	
SPE 321	Small Group and Team Communication	3	
VAS 337	Survey of Echocardiography*	3	
VAS 365	Abdominal Vascular Disease*	4	
	Social Science elective	3	
<b>Total</b>		<b>16</b>	

Junior Year	Winter		
BUS 316	Total Quality in Health Care	3	
CHE 360	Clinical Pharmacology for the Health Professions*	3	
VAS 366	Special Circulatory Problems*	4	
VAS 375	Survey of Abdominal Sonography*	3	
	Humanities elective	3	
<b>Total</b>		<b>16</b>	

Junior Year	Spring		
VAS 367	Cerebrovascular Disease*	4	
VAS 385	Vascular Laboratory Management*	3	
VAS 388	Externship Preparation	2	
	Communication elective**	3	
	Humanities elective	3	
<b>Total</b>		<b>15</b>	

Senior Year	Summer		
VAS 420	Vascular Technology Externship*	15	
<b>Total</b>		<b>15</b>	

Senior Year	Fall		
VAS 420	Vascular Technology Externship*	15	
<b>Total</b>		<b>15</b>	

Senior Year	Winter		
VAS 420	Vascular Technology Externship*	15	
<b>Total</b>		<b>15</b>	

Senior Year	Spring		
VAS 420	Vascular Technology Externship*	15	
<b>Total</b>		<b>15</b>	

\* Core Imaging courses

\*\* Courses listed under Communication requirement for General Education.