

TRANSFER MAP

for Southern Maine Community College students completing the Associate in Science in Cardiovascular Technology and transferring to the University of Southern Maine's Bachelor of Science Health Sciences

SMCC AS in Cardiovascular Technology

*Subjects represented in italics are required. If subjects in italics are **not** taken at SMCC, the sequence represented in the Remaining USM Degree Requirements cannot be observed. For coursework to transfer, a grade of C- or better is required.*

SMCC Associate in Science in Cardiovascular Technology General Education Requirements			University of Southern Maine Equivalencies		
Course	Title	Credits	Course	Title	Credits
ENGL 100	English Composition	3	ENG 100	College Writing (WRI 1 Core Requirement)	3
ENGL 115	Introduction to Literature	3	ENG 140	Reading Literature (Cultural Interpretation Core Requirement)	3
FIGS 102	Student Success—Health Sciences	1	GEL 1XX	General Elective	1
MATH 130	Technical Mathematics	3	MAT 1XX	Mathematics Elective	3
BIOL 132	Anatomy and Physiology I with Lab	4	BIO 111/112	Human Anatomy & Physiology I/Lab (Science Exploration Core Requirement)	4
BIOL 138	Anatomy and Physiology II with Lab	4	BIO 113/114	Human Anatomy & Physiology II/Lab	4
PSYC 100	Introduction to Psychology	3	PSY 100	Introduction to Psychology	3
HLTH 155	Pharmacology	3	NUR 302	Pharmacology	3
PHYS 110	Technical Physics	4	PHY 111/114	Elements of Physics I/Lab	4
	Fine Arts or Humanities Elective: <i>any course that fulfills USM Creative Expression Core Requirement; see list</i>	3		Direct equivalent or elective credit	3
Total credits		31	Total credits accepted		31

SMCC Major Requirements			USM Equivalencies		
Course	Title	Credits	Course	Title	Credits
CARD 100	Intro to Cardiovascular Technology	3	GEL 1XX	General Elective	3
CARD 105	Medical Instrumentation	3	GEL 1XX	General Elective	3
CARD 115	Electrocardiogram Interpretation	3	GEL 1XX	General Elective	3
CARD 120	Vascular Imaging and Pathology	3	GEL 1XX	General Elective	3
CARD 125	Clinical Practicum I	1	GEL 1XX	General Elective	1
CARD 160	Cardiovascular Physiology/Patho I	3	GEL 1XX	General Elective	3
CARD 175	Clinical Practicum II	4	COR 1XX	Core Elective (Engaged Learning Core Requirement)	4
CARD 210	Cardiovascular Physiology/Patho II	3	GEL 2XX	General Elective	3
CARD 225	Clinical Practicum II	6	COR 2XX	Core Elective	6

CARD 275	Clinical Practicum IV	12	COR 2XX	Core Elective	12
OPTION 1	INVASIVE CARDIOVASCULAR TECHNOLOGY				
CARD 140	Radiation Safety in Invasive Cardiology	1	GEL 1XX	General Elective	1
CARD 150	Invasive Cardiovascular Tech I	3	GEL 1XX	General Elective	3
CARD 155	Invasive Cardiovascular Tech Lab I	1	GEL 1XX	General Elective	1
CARD 190	Clinical Hemodynamics	2	GEL 1XX	General Elective	2
CARD 200	Invasive Cardiovascular Tech II	3	GEL 2XX	General Elective	3
OPTION 2	ECHOCARDIOGRAPHY CARDIOVASCULAR TECHNOLOGY				
CARD 165	Ultrasound Physics and Instrumentation	3	GEL 1XX	General Elective	3
CARD 170	Echocardiography I	3	GEL 1XX	General Elective	3
CARD 171	Echocardiography I Lab	1	GEL 1XX	General Elective	1
CARD 220	Echocardiography II	3	GEL 2XX	General Elective	3
Total Major Credits		51			
Total SMCC Credits		82	Total Credits accepted		

Remaining University of Southern Maine Degree Requirements

For students who have **completed** the SMCC Associate in Science in Cardiovascular Technology transferring to University of Southern Maine Bachelor of Science in Health Sciences

Year Three Fall		Year Three Spring	
Course	Credit	Course	Credit
WRI 2 Core Requirement	3	SPM 230 Psychology of Physical Activity and Sport	3
MAT 120 Introduction to Statistics (Quantitative Reasoning Core Requirement)	4	BPH 201/SCI 336/SBS 336 Fundamentals of Public Health	3
HRD 200 Multicultural Human Development (Socio-Cultural Analysis Core Requirement)	3	Culture, Power, and Equity Core Requirement	3
SPM 219 Lifetime Physical Fitness and Wellness	3	CHY 107 Chemistry for Health Sciences (or CHY 113)	3
		CON 252 Human Nutrition	3
Semester Credits	13	Semester Credits	15

Year Four Fall		Year Four Spring	
Course	Credit	Course	Credit
SPM 350 Health Promotion Programs	3		
200+ level PSY course	3		
Ethical Inquiry, Social Responsibility, and Citizenship Core Requirement	3		
SPM 477 Health Research Methods (WRI 3 Core Requirement)	3		
International Core Requirement	3		
Semester Credits	15	Semester Credits	
Total University of Southern Maine credits: 43			
Total SMCC and University of Southern Maine credits: 125			

Requirements

Successful completion of the SMCC Associate in Science in Cardiovascular Technology, submission of a completed admission application (if necessary), transcripts, and other supporting materials. For coursework to transfer to University of Southern Maine, a student must earn a grade of C- or better. Student must maintain a cumulative GPA of 2.5 to graduate from the University of Southern Maine with the BS in Health Sciences. For all baccalaureate degrees at the University, a minimum of 30 credit hours, including at least 9 credit hours in the major field at the 200-level or above, must be completed at the University of Southern Maine.