



Health Science Associate in Science Four Semester Pathway Academic Year 2025-2026

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 102	Student Success Elective - Intro to Healthcare Professions				1	
ENGL 100	English Composition		ENGL 080		3	
	Mathematics Elective	MATH 140 College Algebra or higher	MATH 040		3	
HLTH 100	Introduction to Healthcare		ENGL 080		3	
	Healthcare Track Elective		See course prerequisites	See course corequisites	3	
Semester 2						
ENGL 115	Introduction to Literature		ENGL 100 or ENGL 101		3	
HLTH 105	Medical Terminology		ENGL 080		3	
PSYC 100	Introduction to Psychology			ENGL 080	3	
	Science with Lab Elective		See course prerequisites	See course corequisites	4	
	Fine Arts or Humanities Elective		See course prerequisites	See course corequisites	3	
Semester 3						
	English Communication Elective	ENGL 110 Oral Communications	ENGL 080		3	
HLTH 120	Medical Ethics & Law		Program Acceptance		3	
	Social Science Elective		See course prerequisites	See course corequisites	3	
	Science with Lab Elective		See course prerequisites	See course corequisites	4	
	Healthcare Track Elective		See course prerequisites	See course corequisites	3	
Semester 4						
	Science or Math Elective		See course prerequisites	See course prerequisites	3	
	Healthcare Track Elective		See course prerequisites	See course prerequisites	3	
	Healthcare Track Elective		See course prerequisites	See course prerequisites	3	
	Healthcare Track Elective		See course prerequisites	See course prerequisites	3	
	Healthcare Track Elective		See course prerequisites	See course prerequisites	4	
				Total Credits	61	

[Advice on Choosing Electives](#)



SOUTHERN
MAINE
COMMUNITY
COLLEGE

Associate in Science Curriculum Worksheet

Health Science

General Education Requirements					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL 100	English Composition	ENGL 080		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 102	Student Success Elective - Intro to Healthcare Professions			1	
	Mathematics Elective	MATH 040		3	
	Science Elective with Lab			8	
	Mathematics or Science Elective	MATH 040		3	
	English Communication Elective			3	
	Fine Arts or Humanities Elective			3	
PSYC 100	Introduction to Psychology		ENGL 080	3	
	Social Science Elective			3	

Major Required Courses					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
HLTH 100	Introduction to Healthcare	ENGL 080		3	
HLTH 105	Medical Terminology	ENGL 080		3	
HLTH 120	Medical Ethics and Law			3	
	Healthcare Track Electives*			19	

*Please see the Healthcare Track Electives sheet and consult your advisor for tracks and elective recommendations.

2025-2026

Healthcare Track Electives

Healthcare Pre Professional Track 19 elective credits from list below					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ANTH 105	Intro to Cultural Anthropology	ENGL 080		3	
BHHS 104	High Risk Populations	ENGL 080		3	
BHHS 145	Human Diversity	ENGL 080		3	
BIOL 124	Biology I with Lab	ENGL 080, MATH 040		4	
BIOL 128	Biology II with Lab	BIOL 124		4	
BIOL 132	Anatomy & Physiology I & Lab	MATH 040	ENGL 100 or ENGL 101	4	
BIOL 138	Anatomy & Physiology II & Lab	BIOL 132		4	
BIOL 212	Genetics & Lab	BIOL 128		4	
BIOL 235	Pathophysiology	BIOL 138		3	
BIOL 250	Microbiology	BIOL 100 or BIOL 124 or BIOL 132		5	
CHEM 120	General Chemistry I with Lab	ENGL 080	MATH 130 or MATH 140	4	
CHEM 125	General Chemistry II with Lab	CHEM 120		4	
EMST 125	Emergency Medical Technician			7	
EMST 200	Advanced Emergency Medical Tech I	Maine EMT Licensure or Dept Chair Permission		6	
HLTH 115	Electrocardiogram (ECG) Interpretation	BIOL 138		3	
HLTH 125	Electronic Health Records	HLTH Program Acceptance		3	
HLTH 130	Gerontology for Health Professions	ENGL 100 or ENGL 101		3	
HLTH 135	Cannabis in Maine: History and Use	ENGL 100 or ENGL 101, BIOL Elective with Lab or CHEM 120 or NUTR 110		3	
HLTH 140	Lifetime Physical Fitness& Wellness			3	
HLTH 155	Pharmacology	BIOL 105 or BIOL 132	BIOL 138 (if BIOL 132)	3	
HLTH 192	Global Healthcare Systems		ENGL 100 or ENGL 101	3	
HLTH 200	Foundations of Community and Public Health	ENGL 100 or ENGL 101		3	
HLTH 205	Cultural Competence in Healthcare	ENGL 100 or ENGL 101		3	
HLTH 210	Intro to Healthcare Informatics	ENGL 100 or ENGL 101		3	
HLTH 220	Found of Organizational Leadership	ENGL 100 or ENGL 101		3	
MATH 140	College Algebra	MATH 040		3	
MATH 146	Introduction to Trigonometry	MATH 040	MATH 140	1	
MATH 155	Statistics	MATH 040		3	
MATH 160	College Trigonometry	MATH 140		3	
MATH 190	Precalculus	MATH 140 & MATH 146 or MATH 140 & MATH 160		3	
MATH 260	Calculus I	MATH 190		4	
MATH 270	Calculus II	MATH 260		4	
MATH 280	Calculus III	MATH 270		4	
NUTR 100	Intro to Nutrition Professions			3	
NUTR 110	Normal Nutrition and Lab	ENGL 080, MATH 040		4	
NUTR 140	Nutrition and Weight Loss	ENGL 080 or ENGL 101, MATH 040		3	
NUTR 190	Fundamentals of Personal Training			3	
NUTR 210	Nutrition and Disease Management	NUTR 110	MATH 040	3	
NUTR 250	Nutrition Education and Counseling	ENGL 080, MATH 040		3	
PHYS 150	College Physics I	MATH 140		4	

PHYS 155	College Physics II	PHYS 150		4	
POLS 100	Contemporary World Problems	ENGL 080		3	
POLS 105	Intro to American Government	ENGL 080		3	
POLS 120	Introduction to Public Policy	ENGL 080	POLS 100 or POLS 105	3	
PSYC 200	Abnormal Psychology	ENGL 100 or ENGL 101, PSYC 100		3	
PSYC 215	Social Psychology	ENGL 100 or ENGL 101, PSYC 100		3	
PSYC 220	Lifespan Development	ENGL 080, PSYC 100		3	
PSYC 225	Educational Psychology	ENGL 080, PSYC 100		3	
PSYC 230	Sport Psychology	ENGL 080, PSYC 100		3	
PSYC 235	Psychology of Gender	ENGL 080, PSYC 100		3	
PSYC 240	Theories of Personality	ENGL 080, PSYC 100		3	

Healthcare Administration Track 19 elective credits from list below

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ACCT 105	Financial Accounting	MATH 040	ENGL 100 or ENGL 101	3	
ACCT 155	Managerial Accounting	ACCT 105, MATH 040		3	
ANTH 105	Intro to Cultural Anthropology	ENGL 080		3	
BUSN 100	Introduction to Business	MATH 040	ENGL 100 or ENGL 101	3	
BUSN 106	Social Media Marketing for Business		ENGL 100 or ENGL 101	3	
BUSN 115	Personal Finance	MATH 040	ENGL 100 or ENGL 101	3	
BUSN 195	Business Modeling with Excel	BUSN 100	ENGL 100 or ENGL 101	3	
BUSN 200	Marketing	BUSN 100	ENGL 100 or ENGL 101	3	
BUSN 255	Human Resource Management		ENGL 100 or ENGL 101	3	
BUSN 260	Business Law	BUSN 100	ENGL 100 or ENGL 101	3	
BUSN 265	Business Problem Solving	BUSN 100; ECON 120 or ECON 125	ENGL 100 or ENGL 101	3	
COMM 201	Technical Writing	ENGL 100 or ENGL 101		3	
ECON 120	Microeconomics	MATH 040	ENGL 100 or ENGL 101	3	
ECON 125	Macroeconomics	MATH 040	ENGL 100 or ENGL 101	3	
ENGL 110	Oral Communications	ENGL 080		3	
HLTH 125	Electronic Health Records	HLTH Program Acceptance		3	
HLTH 130	Gerontology for Health Professions	ENGL 100 or ENGL 101		3	
HLTH 135	Cannabis in Maine: History and Use	ENGL 100 or ENGL 101, BIOL Elective with Lab or CHEM 120 or NUTR 110		3	
HLTH 140	Lifetime Physical Fitness & Wellness			3	
HLTH 155	Pharmacology	BIOL 105 or BIOL 132	BIOL 138 (if BIOL 132)	3	
HLTH 192	Global Healthcare Systems		ENGL 100 or ENGL 101	3	
HLTH 200	Foundations of Community and Public Health	ENGL 100 or ENGL 101		3	
HLTH 205	Cultural Competence in Healthcare	ENGL 100 or ENGL 101		3	
HLTH 210	Intro to Healthcare Informatics	ENGL 100 or ENGL 101		3	
HLTH 220	Found of Organizational Leadership	ENGL 100 or ENGL 101		3	
MATH 140	College Algebra	MATH 040		3	
MATH 146	Introduction to Trigonometry	MATH 040	MATH 140	1	
MATH 155	Statistics	MATH 040		3	
MATH 160	College Trigonometry	MATH 140		3	
MATH 190	Precalculus	MATH 140 & MATH 146 or MATH 140 & MATH 160		3	
MATH 260	Calculus I	MATH 190		4	
MATH 270	Calculus II	MATH 260		4	

MATH 280	Calculus III	MATH 270		4	
POLS 100	Contemporary World Problems	ENGL 080		3	
POLS 105	Intro to American Government	ENGL 080		3	
POLS 120	Introduction to Public Policy	ENGL 080	POLS 100 or POLS 105	3	
PSYC 200	Abnormal Psychology	ENGL 100 or ENGL 101, PSYC 100		3	
PSYC 215	Social Psychology	ENGL 100 or ENGL 101, PSYC 100		3	
PSYC 220	Lifespan Development	ENGL 080, PSYC 100		3	
PSYC 225	Educational Psychology	ENGL 080, PSYC 100		3	
PSYC 230	Sport Psychology	ENGL 080, PSYC 100		3	
PSYC 240	Theories of Personality	ENGL 080, PSYC 100		3	
PSYC 235	Psychology of Gender	ENGL 080, PSYC 100		3	
PSYC 240	Theories of Personality	ENGL 080, PSYC 100		3	
SOCI 100	Introduction to Sociology	ENGL 080		3	
SOCI 210	Critical Thinking Social Issues	ENGL 100 or ENGL 101, SOCI 100		3	

Healthcare Education Track 19 elective credits from list below

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ANTH 105	Intro to Cultural Anthropology	ENGL 080		3	
BIOL 124	Biology I with Lab	ENGL 080, MATH 040		4	
BIOL 128	Biology II with Lab	BIOL 124		4	
BIOL 132	Anatomy & Physiology I & Lab	MATH 040	ENGL 100 or ENGL 101	4	
BIOL 138	Anatomy & Physiology II & Lab	BIOL 132		4	
BIOL 212	Genetics & Lab	BIOL 128		4	
BIOL 235	Pathophysiology	BIOL 138		3	
BIOL 250	Microbiology	BIOL 100 or BIOL 124 or BIOL 132		5	
CHEM 120	General Chemistry I with Lab	ENGL 080	MATH 130 or MATH 140	4	
CHEM 125	General Chemistry II with Lab	CHEM 120		4	
COMM 201	Technical Writing	ENGL 100 or ENGL 101		3	
EDUC 100	Introduction to Teaching	ENGL 080	ENGL 100 or ENGL 101	3	
EDUC 105	Introduction to American Education	ENGL 080		3	
EDUC 110	Technology & Learning in the Classroom	EDUC 100, ENGL 100 or ENGL 101		3	
EDUC 115	Culturally Responsive Teaching	EDUC 100, ENGL 100 or ENGL 101		3	
HLTH 130	Gerontology for Health Professions	ENGL 100 or ENGL 101		3	
HLTH 135	Cannabis in Maine: History and Use	ENGL 100 or ENGL 101, BIOL Elective with Lab or CHEM 120 or NUTR 110		3	
HLTH 140	Lifetime Physical Fitness& Wellness			3	
HLTH 155	Pharmacology	BIOL 105 or BIOL 132	BIOL 138 (if BIOL 132)	3	
HLTH 192	Global Healthcare Systems		ENGL 100 or ENGL 101	3	
HLTH 200	Foundations of Community and Public Health	ENGL 100 or ENGL 101		3	
HLTH 205	Cultural Competence in Healthcare	ENGL 100 or ENGL 101		3	
HLTH 210	Intro to Healthcare Informatics	ENGL 100 or ENGL 101		3	
HLTH 220	Found of Organizational Leadership	ENGL 100 or ENGL 101		3	
MATH 140	College Algebra	MATH 040		3	
MATH 146	Introduction to Trigonometry	MATH 040	MATH 140	1	
MATH 155	Statistics	MATH 040		3	
MATH 160	College Trigonometry	MATH 140		3	
MATH 190	Precalculus	MATH 140 & MATH 146		3	

MATH 260	Calculus I	MATH 190		4	
MATH 270	Calculus II	MATH 260		4	
MATH 280	Calculus III	MATH 270		4	
NUTR 110	Normal Nutrition and Lab	ENGL 080, MATH 040		4	
PHYS 110	Technical Physics & Lab		MATH 040	4	
PHYS 150	College Physics I	MATH 140		4	
PHYS 155	College Physics II	PHYS 150		4	
POLS 100	Contemporary World Problems	ENGL 080		3	
POLS 105	Intro to American Government	ENGL 080		3	
PSYC 220	Lifespan Development	ENGL 080, PSYC 100		3	
PSYC 225	Educational Psychology	ENGL 080, PSYC 100		3	
PSYC 240	Theories of Personality	ENGL 080, PSYC 100		3	
SOCI 100	Introduction to Sociology		ENGL 080	3	
SOCI 210	Critical Thinking Social Issues	ENGL 100 or ENGL 101, SOCI 100		3	

Healthcare Pre-pharmacy Track 19 elective credits from list below

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
BIOL 124	Biology I with Lab	ENGL 080, MATH 040		4	
BIOL 128	Biology II with Lab	BIOL 124		4	
BIOL 132	Anatomy & Physiology I & Lab	MATH 040	ENGL 100 or ENGL 101	4	
BIOL 138	Anatomy & Physiology II & Lab	BIOL 132		4	
BIOL 250	Microbiology	BIOL 100 or BIOL 124 or BIOL 132		5	
CHEM 120	General Chemistry I with Lab	ENGL 080	MATH 130 or MATH 140	4	
CHEM 125	General Chemistry II with Lab	CHEM 120		4	
HLTH 130	Gerontology for Health Professions	ENGL 100 or ENGL 101		3	
HLTH 135	Cannabis in Maine: History and Use	ENGL 100 or ENGL 101, BIOL Elective with Lab or CHEM 120 or NUTR 110		3	
HLTH 140	Lifetime Physical Fitness& Wellness			3	
HLTH 155	Pharmacology	BIOL 105 or BIOL 132	BIOL 138 (if BIOL 132)	3	
HLTH 200	Foundations of Community and Public Health	ENGL 100 or ENGL 101		3	
MATH 140	College Algebra	MATH 040		3	
MATH 146	Introduction to Trigonometry	MATH 040	MATH 140	1	
MATH 155	Statistics	MATH 040		3	
MATH 160	College Trigonometry	MATH 140		3	
MATH 190	Precalculus	MATH 140 & MATH 146 or MATH 140 & MATH 160		3	
MATH 260	Calculus I	MATH 190		4	
MATH 270	Calculus II	MATH 260		4	
MATH 280	Calculus III	MATH 270		4	
PHYS 150	College Physics I	MATH 140		4	
PHYS 155	College Physics II	PHYS 150		4	
SOCI 100	Introduction to Sociology	None	ENGL 080 Or ENGL 101	3	