

	Approved Science OR mathematics elective*	3-4
	Approved Science OR mathematics elective*	3-4
	Approved Science Elective*	4
	Total credit hours required for this degree	64-65

* Approved science and mathematics elective courses are:

CHEM 111, 112
ENGR 230
ENGR 233
ENGR 234
ENGR 236
GEOG 110, 111
PHYS 217
MATH 275, 282

PARAMEDIC Associate of Science

Entrance requirements and policies:

- All requirements for the Paramedic AAS/Certificate apply (see AAS section)
- Communications requirement: COMM 111
- Mathematics requirement must be MATH 160 or higher
- Core classes must be taken in same configuration as AAS/Certificate
- Students may need to consider taking additional classes appropriate to future academic pursuits and university transfer and program requirements

Note: The student must complete each course in the curriculum with a C or better to remain in and graduate from the program.

General Education Core for Associate of Science (See Page 127)	27
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Prerequisite Classes		8
BIOL 252	Human Anatomy and Physiology I	4
BIOL 253	Human Anatomy and Physiology II	4
Paramedic – Core Classes		67
EMSP 112	Physical Fitness for EMS	1
EMSP 112	Physical Fitness for EMS (<i>Repeated</i>)	1
EMSP 200	Assessment and Clinical Decision Making	1
EMSP 205	Airway and Ventilatory Management	1
EMSP 211	Paramedic Professional Practice	2
EMSP 216	Emergency Pharmacology	2
EMSP 219	Medical Emergencies I	1
EMSP 225	Cardiology	3

Continued on next page

EMSP 229	Paramedic Lab I	11
EMSP 242	Trauma Management	3
EMSP 245	Advanced Cardiac Life Support	1
EMSP 246	Pediatric Advanced Life Support	1
EMSP 251	EMS Operations	2
EMSP 256	Current Issues in EMS	2
EMSP 261	Special Populations	2
EMSP 269	Medical Emergencies II	4
EMSP 271	Paramedic Clinical	4
EMSP 274	Paramedic Lab II	10
EMSP 279	Paramedic Capstone	2
EMSP 282	Paramedic Field Internship	13
Total credit hours required for this degree		102

PHYSICS

Associate of Science

Communications		Credits
ENGL 111	Freshman Composition	3
ENGL 211	Advanced Composition	3
COMM 110	Public Speaking OR	
COMM 111	Interpersonal Communication	3
Total Communications		9
Mathematics		Credits
MATH 188	Calculus I	4
MATH 189	Calculus II	4
MATH 268	Calculus III	4
Total Mathematics		12
Social and Behavioral Science		Credits
Select two courses. For appropriate courses see Page 127		
Total Social/Behavioral Science		6
Humanities and Fine Arts		Credits
Select two courses. For appropriate courses see Page 127		
Total Humanities/Fine Arts		6
Physics – Core Classes		Credits
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
COSC 118	Computer Programming Fundamentals I with C++	3
ENGR 230	Engineering Circuit Analysis	3
ECON 251	Macroeconomics OR	
ECON 252	Microeconomics	3
MATH 282	Differential Equations	4
ENGR 236	Thermodynamics	3