

# Paramedic Science Academic Certificate

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### Certificate Requirements

#### Pre-Professional Requirements:

Must be completed before acceptance into the Paramedic Science program.  
Please contact the program advisor or department chair <http://www.isu.edu/esd/paramedic/> before applying for admission to this program and prior to registering for any courses.

Code	Title	Credits
<b>Pre-Professional Training (Offered through Workforce Training)</b>		
	Emergency Medical Technician Basic	
	CPR - Basic Life Support or CPR for Healthcare Providers	
<b>Pre-Professional Prerequisites (6 credits minimum):</b>		
	Select one of the following Anatomy and Physiology options:	4-8
HO 0111	Introduction to Anatomy and Physiology (4 credits total)	
or		
BIOL 2227 & 2227L & BIOL 2228 & BIOL 2228L	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 1 Lab and Human Anatomy and Physiology 2 and Human Anatomy and Physiology 2 Lab (8 credits total )	
or		
BIOL 2227 & 2227L & BIOL 3302 & BIOL 3302L	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 1 Lab and Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab (8 credits total )	
or		
BIOL 3301 & 3301L & BIOL 3302 & BIOL 3302L	Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab and Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab (8 credits total )	
CPH/HCA 2210	Medical Terminology and Communication	2
or HO 0106	Medical Terminology	
<b>Core Requirements (43 credits):</b>		
PARM 2211	Basic ECG Interpretation	3
PARM 2212	Paramedic Pharmacology	3
PARM 2213	Paramedic Fundamentals	2
PARM 2213L	Paramedic Fundamentals Lab	1
PARM 2214	Paramedic Pathophysiology	3
PARM 2215	Introduction to Paramedic Medicine	3
PARM 2217L	Paramedic Integration I Lab	1
PARM 2221	Medical Emergencies	3
PARM 2221L	Medical Emergencies Lab	1

PARM 2222	Trauma Care	2
PARM 2223	Advanced Emergency Care	2
PARM 2224	Special Populations	3
PARM 2224L	Special Populations Lab	1
PARM 2225	Advanced ECG Interpretation	2
PARM 2229	Paramedic Clinical Practicum I	1
PARM 2231	Rescue Operations	2
PARM 2237L	Paramedic Integration II Lab	1
PARM 2239	Paramedic Clinical Practicum II	3
PARM 2249	Paramedic Field Practicum II	6
<b>Total Credits</b>		<b>49</b>