

Catalog Year 2018-2019

Certificate, Paramedic Science

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year. See page two for a detailed summary of Major, General Education, Elective, and university requirements.

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| **Course Subject and Title** | **Cr.** | **Min.**  **Grade** | **\*GE,**  **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | | | **Co Requisite** | | | |
| **Pre-Professional Training (must be complete before Paramedic cohort begins) Offered through Workforce Training** | | | | | | | | | | | |
| EMTB |  |  |  |  |  | | |  | | | |
| CPR-BLS |  |  |  |  |  | | |  | | | |
| Total |  |  |  |  |  | | |  | | | |
| **Pre-Professional Prerequisites (must be complete before Paramedic Cohort begins).** | | | | | | | | | | | |
| HCA 2210 or HE2210 Medical Terminology or HO 0106 | 2 | C |  |  |  | | |  | | | |
| HO 0111 Intro to Anatomy and Physiology and Lab | 4 | C |  |  | HCA 2210 or HE 2210 or HO 0106 | | HCA 2210 or HE 2210 or HO 0106 | | | | |
| Total | 6 |  |  |  |  | | |  | | | |
| Fall | | | | | | | | | | | |
| PARM 2211 Basic ECG Interpretation | 3 | B |  | F | Acceptance into Paramedic program or permission of instructor | | | |  | | |
| PARM 2212 Paramedic Pharmacology | 3 | B |  | F |  | PARM 2213, PARM 2213L, and PARM 2217L | | | | | |
| PARM 2213 Paramedic Fundamentals | 2 | B |  | F |  | PARM 2212, PARM 2213L, and PARM 2217L | | | | | |
| PARM 2213L Paramedic Fundamentals Lab | 1 | B |  | F |  | PARM 2212, PARM 2213, and PARM 2217L | | | | | |
| PARM 2214 Paramedic Pathophysiology | 3 | B |  | F | Acceptance into Paramedic program or permission of instructor | | | | | |  |
| PARM 2215 Introduction to Paramedic Medicine | 3 | B |  | F | Acceptance into Paramedic program | | |  | | | |
| PARM 2217L Paramedic Integration I Lab | 1 | B |  | F |  | PARM 2212, PARM 2213, and PARM 2213L | | | | | |
| Total | 16 |  |  |  |  | | |  | | | |
| Spring | | | | | | | | | | | |
| PARM 2221 Medical Emergencies | 3 | B |  | S | PARM 2211, PARM 2212, PARM 2213, PARM 2213L, and PARM 2215, and acceptance into Paramedic program or permission of instructor | | | | PARM 2221L | | |
| PARM 2221L Medical Emergencies Lab | 1 | B |  | S |  | | | PARM 2221 | | | |
| PARM 2222 Trauma Care | 2 | B |  | S | PARM 2213, PARM 2213L, PARM 2214, and acceptance into Paramedic program or permission of instructor | | | | | |  |
| PARM 2223 Advanced Emergency Care | 2 | B |  | S | PARM 2213 and PARM 2213L and acceptance into Paramedic program or permission of instructor | | | | | |  |
| PARM 2224 Special Populations | 3 | B |  | S | Acceptance into Paramedic program or permission of instructor | | | | PARM 2224L | | |
| PARM 2224L Special Populations Lab | 1 | B |  | S |  | | | PARM 2224 | | | |
| PARM 2225 Advanced ECG Interpretation | 2 | B |  | S | PARM 2211 or permission of instructor | | |  | | | |
| PARM 2229 Paramedic Clinical Practicum I | 1 | B |  | S | Acceptance into Paramedic program or permission of instructor | | | | | |  |
| Total | 15 |  |  |  |  | | |  | | | |
| Summer | | | | | | | | | | | |
| PARM 2231 Rescue Operations | 2 | B |  | Su | Acceptance into Paramedic program or permission of instructor | | | | |  | |
| PARM 2237L Paramedic Integration II Lab | 1 | B |  | Su | PARM 2217L, PARM 2221, PARM 2222, and PARM 2223 | | | | |  | |
| PARM 2239 Paramedic Clinical Practicum II | 3 | B |  | Su | PARM 2229 and acceptance into Paramedic program or permission of instructor | | | | |  | |
| Total | 6 |  |  |  |  | | |  | | | |
| Fall | | | | | | | | | | | |
| PARM 2249 Paramedic Field Practicum II | 6 | S |  | F | PARM 2231, PARM 2237L, and PARM 2239, and acceptance into Paramedic program or permission of instructor | | | | | |  |
| Total | 6 |  |  |  |  | | |  | | | |
| \*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major  \*\*See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.) | | | | | | | | | | | |

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| **2018-2019 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES**  **\* GE Objectives not required** | | | | | | **0 cr.**  **min.** |
| **Paramedic Major REQUIREMENTS Total** | **43** | 1. Written English (3 cr. min) ENGL 1101 | | | | | |  |
| PARM 2211 Basic ECG Interpretation | 3 |  | | | | | |  |
| PARM 2212 Paramedic Pharmacology | 3 | 2. Spoken English (3 cr. min) COMM 1101 | | | | | |  |
| PARM 2213 Paramedic Fundamentals | 2 | 3. Mathematics | | | | | |  |
| PARM 2213L Paramedic Fundamentals Lab | 1 | 4. Humanities, Fine Arts, Foreign Lang. | | | | | | |
| PARM 2214 Paramedic Pathophysiology | 3 |  | | | | | |  |
| PARM 2215 Introduction to Paramedic Medicine | 3 |  | | | | | |  |
| PARM 2217L Paramedic Integration I Lab | 1 | 5. Natural Sciences | | | | | | |
| PARM 2221 Medical Emergencies | 3 |  | | | | | |  |
| PARM 2221L Medical Emergencies Lab | 1 |  | | | | | |  |
| PARM 2222 Trauma Care | 2 |  | | | | | |  |
| PARM 2223 Advanced Emergency Care | 2 | 6. Behavioral and Social Science | | | | | | |
| PARM 2224 Special Populations | 3 |  | | | | | |  |
| PARM 2224L Special Populations Lab | 1 |  | | | | | |  |
| PARM 2225 Advanced ECG Interpretation | 2 | One Course from EITHER Objective 7 OR 8 | | | | | | |
| PARM 2229 Paramedic Clinical Practicum I | 1 | 7. Critical Thinking | | | | | |  |
| PARM 2231 Rescue Operations | 2 | 8. Information Literacy | | | | | |
| PARM 2237L Paramedic Integration II Lab | 1 | 9. Cultural Diversity | | | | | | |
| PARM 2239 Paramedic Clinical Practicum II | 3 |  | | | | | |  |
| PARM 2249 Paramedic Field Practicum II | 6 | General Education Elective **(if necessary)** | | | | | | |
|  |  |  | | | | | |  |
| **Program Prerequisites** | **6** | **Total GE** | | | | | | **0** |
| HO 0111 & L \*\* Intro Anatomy and Physiology & Lab | 4 | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | | | |
| HCA/HE 2210 or HO 0106 Medical Term/Commumication | 2 |
| \*Emergency Medical Technician Basic (pre-program) |  |  | | | | | | |
| \*CPR-BLS: Healthcare (pre-program) |  |
|  |  |
|  |  | **MAP Credit Summary** | | | | | **CR** | |
|  |  | Major | | | | | 43 | |
|  |  | Prerequisites | | | | | 6 | |
|  |  | General Education | | | | |  | |
|  |  | Free Electives | | | | |  | |
|  |  | TOTAL | | | | | **49** | |
|  |  |  | | | | | | |
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|  |  |
|  |  | **Graduation Requirement Minimum Credit Checklist** | | | **Confirmed** | | | |
|  |  | Minimum 32cr. Total (Certificate) | | |  |  | | |
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| **Advising Notes** | | ***MAP Completion Status (for internal use only)*** | | | | | | |
| \*EMTB and CPR-BLS are Pre-Professional requirements and are | |  | *Date* | | | | | |
| offered through Workforce Training. | | *Department:* |  | | | | | |
| \*\*\*BIOL 3301 &L and BIOL 3302&L (8cr) are acceptable | | *CAA:* | 9.19.2017 jh | | | | | |
| alternatives but require BIOL 1101&L (4cr) as a prerequisite. | | *Registrar:* |  | | | | | |
| BIOL 1101 & L are suggested prerequisites to HO 0111 | |  | | | | | | |
| MATH 1108 is a Pre-or-CoRequisite for BIOL 1101 | |
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