

Catalog Year 2018-2019

A.S. 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 |  |  |  |  |  |  |
| Fall |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE | F, S, Su | Appropriate placement score |  |
| GE Objective 5: BIOL 1101, 1101L | 4 |  | GE | F, S, Su | Math 1108 Pre or Co-Req |  |
| HCA 2210 or HE2210 Medical Terminology or HO 0106 | 2 | C |  |  |  |  |
| GE Objective 3: Math (Recommend Math 1153 if going on to BS) | 3 |  | GE |  |  |  |
| GE Objective 4: Humanistic and Artistic Ways of Knowing | 3 |  | GE |  |  |  |
|  Total | 15 |  |  |  |  |  |
| Spring |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C- | GE |  | ENGL 1101 or equivalent |  |
| GE Objective 2: COMM 1101 | 3 |  | GE |  |  |  |
| 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 |
| GE Objective: 7 or 8 Critical Thinking or Information Literacy | 3 |  | GE |  |  |  |
| GE Objective 6: Social and Behavioral | 3 |  | GE |  |  |  |
|  Total | 16 |  |  |  |  |  |
| Summer |  |  |  |  |  |  |
| GE Objective 4: Humanistic and Artistic Ways of Knowing | 3 |  | GE |  |  |  |
|  Total | 3 |  |  |  |  |  |
| 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 |  |
| GE Objective 6: Social and Behavioral | 3 |  | GE |  |  |  |
| GE Objective 5: Science - No lab required | 3 |  | GE |  |  |  |
| GE Objective 9: Cultural Diversity | 3 |  | GE |  |  |  |
|  Total  | 15 |  |  |  |  |  |
| \*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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| **2017-2018 Major Requirements** | **CR** | **2017-2018 GENERAL EDUCATION OBJECTIVES****Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | **36 cr. min** |
| **MAJOR REQUIREMENTS** |  | 1. Written English (6 cr. min) ENGL 1101 | 3 |
| Prerequisites | 6 |  ENGL 1102 | 3 |
| HO 0111 & L\*\* Intro Anatomy and Physiology and Lab | 4 | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| HCA/HE 2210/HO 0106 Medical Term and Communication (Pre or Co-Req to HO 0111) | 2 | 3. Mathematics (3 cr. min)  | 3 |
| Emergency Medical Technician Basic (pre-program)\* |  | Math 1153 Statistics is recommended if continuing with the BS degree |
| CPR – BLS: Healthcare (pre-program)\* |  | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | 6 |
| Paramedic Major Courses | 43 |  |  |
| PARM 2211 Basic ECG Interpretation | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
| PARM 2212 Paramedic Pharmacology | 3 | BIOL 1101 Biology I (Suggested prereq to HO 0111)  | 4 |
| PARM 2213 Paramedic Fundamentals | 2 | CHEM, GEOL, NTD, PHYS (must be from a different prefix than BIOL)  | 3 |
| PARM 2213L Paramedic Fundamentals Lab | 1 |  |  |
| PARM 2214 Paramedic Pathophysiology | 3 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
| PARM 2215 Introduction to Paramedic Medicine | 3 |  | 6 |
| PARM 2217L Paramedic Integration I Lab | 1 |  |  |
| PARM 2221 Medical Emergencies | 3 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
| PARM 2221L Medical Emergencies Lab | 1 | 7. Critical Thinking | 3 |
| PARM 2222 Trauma Care | 2 | 8. Information Literacy  |
| PARM 2223 Advanced Emergency Care | 2 | 9. Cultural Diversity **(1 course; 3 cr. min)** |
| PARM 2224 Special Populations | 3 |  | 3 |
| PARM 2224L Special Populations Lab | 1 | General Education Elective to reach 36 cr. min. **(if necessary)** |
| PARM 2225 Advanced ECG Interpretation | 2 |   |  |
| PARM 2229 Paramedic Clinical Practicum I | 1 |  Total GE | 37 |
| PARM 2231 Rescue Operations | 2 | GE Objectives Courses: [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) |
| PARM 2237L Paramedic Integration II Lab | 1 |
| PARM 2239 Paramedic Clinical Practicum II | 3 |  |  |
| PARM 2249 Paramedic Field Practicum II | 6 | **MAP Credit Summary** | **CR** |
|  |  | Major  | 43 |
|  |  | Prerequisites | 6 |
|  |  | General Education  | 37 |
|  |  | Free Electives to reach 120 credits | 0 |
|  |  |  TOTAL | 86 |
|  |  |  |
|  |  |
|  |  | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) |  |
|  |  | Minimum 16 cr. Upper Division in Major (0 cr. Associate) |  |  |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) |  |  |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) |  |  |
|  |  |  |  |
| **Advising Notes** | ***MAP Completion Status (for internal use only)*** |
| \*EMTB and CPR-BLS are pre-professional requirements and are offered through Workforce Training |  | *Date* |
| \*\* BIOL 3301&L and BIOL 3302&L are acceptable alternatives but  | *Department:*  |  |
| require BIOL 1101&L as prerequisites | *CAA or COT:* | 9.19.2017 jh |
| BIOL 1101&L are suggested prerequisites to HO 0111 | *Registrar:*  |  |
| MATH 1108 is a PRE-or-COREQ for BIOL 1101 |  |
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