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| **Catalog Year 2021-2022**  A.S. Paramedic Science | ***(For internal use only)***  *No change*  *UCC proposal* |

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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 |  |  |  |  | |  |  | | | | | | |
| Semester One | | | | | | | | | | | | | |
| GE Objective 1: ENGL 1101 Writing and Rhetoric I | 3 | C- | GE | |  | Appropriate placement score |  | | | | | | |
| GE Objective 5: BIOL 1101, 1101L | 4 |  | GE | | F, S, Su | Placement **into** MATH 1108 |  | | | | | | |
| HCA 2210 or CPH 2210 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 |  |  | |  |  |  | | | | | | |
| Semester Two | | | | | | | | | | | | | |
| GE Objective 1: ENGL 1102 Writing and Rhetoric II | 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 Info Literacy | 3 |  | GE | |  |  |  | | | | | | |
| GE Objective 6: Social and Behavioral | 3 |  | GE | |  |  |  | | | | | | |
| Total | 16 |  |  | |  |  |  | | | | | | |
| Semester Three (SUMMER) | | | | | | | | | | | | | |
| GE Objective 4: Humanistic and Artistic Ways of Knowing | 3 |  | GE |  | |  |  | | | | | | |
| Total | 3 |  |  |  | |  |  | | | | | | |
| Semester Four | | | | | | | | | | | | | |
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| 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 |  |  | |  |  |  | | | | | | |
| Semester Five | | | | | | | | | | | | | |
| 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 |  |  | |  |  |  | | | | | | |
| Semester Six (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 |  |  | |  |  |  | | | | | | |
| Semester Seven | | | | | | | | | | | | | |
| 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.) | | | | | | | | | | | | | |

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

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| **A.S., Paramedic Science Page 2** | | | | | | |
| **2021-2022 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | | | **36 cr. min** | |
| **MAJOR REQUIREMENTS** | **49** | 1. Written English (6 cr. min) ENGL 1101 | | | 3 | |
| Prerequisites | **6** | ENGL 1102 | | | 3 | |
| HO 0111 & L\*\* Intro Anatomy and Physiology and Lab |  | 2. Spoken English (3 cr. min) COMM 1101 | | | 3 | |
| OR BIOL 2227/L & BIOL 2228/L Human Anatomy and |  | 3. Mathematics (3 cr. min) MATH 1153 | | | | 3 |
| Physiology and Lab |  | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | | | | |
| OR BIOL 2227/L & BIOL 3302/L Advanced Human Anatomy | 4 |  | | |  | |
| and Physiology and Lab |  |  | | |  | |
| OR BIOL 3301/L & BIOL 3302/L Advanced Human Anatomy |  | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** | | | | |
| and Physiology and Lab |  | BIOL 1101 Biology I (Suggested prereq to HO 0111) | | | 4 | |
| HCA/CPH 2210 OR HO 0106 Medical Term and Communication | 2 | CHEM, GEOL, NTD, PHYS (must be from a different prefix than BIOL) | | | 3 | |
| (Pre or Co-Req to HO 0111) |  | | |  | |
| Emergency Medical Technician Basic (pre-program)\* |  | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** | | | | |
| CPR – BLS: Healthcare (pre-program)\* |  |  | | |  | |
| Paramedic Major Courses | **43** |  | | |  | |
| PARM 2211 Basic ECG Interpretation | 3 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | |
| PARM 2212 Paramedic Pharmacology | 3 | 7. Critical Thinking | | |  | |
| PARM 2213 Paramedic Fundamentals | 2 | 8. Information Literacy | | |
| PARM 2213L Paramedic Fundamentals Lab | 1 | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | |
| PARM 2214 Paramedic Pathophysiology | 3 |  | | |  | |
| PARM 2215 Introduction to Paramedic Medicine | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | |
| PARM 2217L Paramedic Integration I Lab | 1 |  | | |  | |
| PARM 2221 Medical Emergencies | 3 | **Total GE** | | | **37** | |
| PARM 2221L Medical Emergencies Lab | 1 | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/)  [*http://coursecat.isu.edu/undergraduate/programs/*](http://coursecat.isu.edu/undergraduate/programs/) | | | | |
| 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 | **MAP Credit Summary** | | | **CR** | |
| PARM 2229 Paramedic Clinical Practicum I | 1 | Major | | | 43 | |
| PARM 2231 Rescue Operations | 2 | Prerequisites | | | 6 | |
| PARM 2237L Paramedic Integration II Lab | 1 | General Education | | | 37 | |
| PARM 2239 Paramedic Clinical Practicum II | 3 | Free Electives to reach 120 credits | | | 0 | |
| PARM 2249 Paramedic Field Practicum II | 6 | TOTAL | | | 86 | |
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|  |  | **Graduation Requirement Minimum Credit Checklist** | | **Confirmed** | | |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | X | | |
|  |  | Minimum 15 cr. Upper Division in Major (0 cr. Associate) | | X | | |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | X | | |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) | | X | | |
| **Advising Notes** | | ***MAP Completion Status (for internal use only)*** | | | | |
| \*EMTB and CPR-BLS are requirements offered through Workforce Training | |  | *Date* | | | |
| \*\* BIOL 2227&L and BIOL 2228&L or BIOL 3301&L and BIOL 3302&L are acceptable alternatives but require BIOL 1101&L as prerequisites | |  |  | | | |
| *CAA or COT:* |  | | | |
| BIOL 1101&L are suggested prerequisites to HO 0111 | |  |  | | | |
| Placement **INTO** MATH 1108 is a PRE-or-COREQ for BIOL 1101 | | **Complete College American Momentum Year**  **Math and English course in first year-Specific GE MATH course identified**  **9 credits in the Major area in first year**  **15 credits each semester (or 30 in academic year)**  **Milestone courses** | | | | |
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| Math 1153 Statistics is recommended if continuing with the BS degree | |
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