**Emergency Medical Care**

**Suggested Course Sequence**

**Science/Pre-Med Concentration**

**Freshman Year Junior Year**

Fall Credit Hours Fall Credit Hours

ENGL 101 Composition I 3 EMC 320 Introduction to Pharmacology 3

CHEM 140 Advanced General Chemistry 4 EMC 321 Pharmacology Techniques 1

MATH 130 College Algebra 3 EMC 340 Introduction to Clinical Medicine 4

PHYS 130 Introductory Physics I 4 EMC 351 Intro to Basic ECG 1 Liberal Studies & Electives 3 EMC 381 Clinical Practicum I 1

Elective General Elective 4

Elective Concentration Elective 3 --- ---

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Spring Spring

ENGL 102 Composition II 3 EMC 350 Cardiology 2

CHEM 241 Organic Chemistry 3 EMC 360 Fluids and Respiratory Emergencies 3

PHYS 131 Introductory Physics II 4 EMC 361 Advanced Emergency Techniques 1

Liberal Studies & Electives 6 EMC 370 Medical Emergencies 3

EMC 382 Clinical Practicum II 1

HSCC 330 Legal & Legislative Aspects of HC 3

Elective General Elective 3

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**Sophomore Year Senior Year**

Fall Credit Hours Fall Credit Hours

BIOL 291 Anatomy & Physiology I 4 EMC 410 Trauma Management 3

CHEM 242 Organic Chemistry II 3 EMC 420 Maternal-Child Emergency Care 3

CHEM 272 Organic Chemistry Lab 2 EMC 451 Advanced ECG Interpretation 1

Liberal Studies & Electives 6 EMC 452 Advanced Cardiac Life Support 1

EMC 483 Clinical Practicum III 4

HSCC 470 Research Methods & Analysis 2

Electives General Electives 3

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Spring Spring

BIOL 292 Anatomy & Physiology II 4 EMC 430 Special Needs Patients 1

EMC 240 Intro to Emergency Medical Care 3 EMC 461 Simulation Laboratory 1

EMC241 Basic Emergency Medical Techniques 3 EMC 484 Clinical Practicum IV 2

Liberal Studies & Electives 6 EMC 485 MICU Practicum 3

EMC 496 Senior Seminar 1

Elective Concentration Elective 3

Elective General Elective 3

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