

# B.S. IN PARAMEDICINE/ M.S. IN PARAMEDICINE ACCELERATED PROGRAM

## Accelerated Master's Program (AMP): Bachelor of Science in Paramedicine/ Master of Science in Paramedicine

The accelerated M.S. in Paramedicine degree for students in the B.S. in Paramedicine program will allow students to begin earning credits toward the M.S. in Paramedicine degree during their final semesters in the B.S. in Paramedicine degree program.

Degree Requirements:

1. B.S. in Paramedicine requirements.
2. Plan of Study below during final semesters of the B.S. in Paramedicine program.
3. Remaining M.S. in Paramedicine requirements.

Code	Title	Credits
<b>Senior Year</b>		
<b>Fall</b>		
PMC 601	Paramedicine Leadership	3
PMC 602	Organizational Development and Organizational Change	3
<b>Spring</b>		
PMC 603	Clinical Practice and Quality Assurance	3
PMC 605	Ethics in Paramedicine	3
Total Credits		12

### Courses

#### PMC 601. Paramedicine Leadership. 3 credits.

This course begins with the fundamental concepts and theories of leadership. Students will reflect on their own experiences with leadership and the concepts of leadership and leadership styles that they have developed through prior studies and social experiences in prior years. The students will learn about the current theories of situational leadership, servant leadership, transformational leadership and others.

#### PMC 602. Organizational Development and Organizational Change. 3 credits.

In today's ever-changing business environment, it is imperative for leaders within Paramedicine organizations to understand the process of organizational development and how it can be leveraged to promote organizational effectiveness. They must also understand the role of organizational change and how change affects individuals, organizations, and processes. This course is designed to advance students' knowledge of organizational development and change, familiarizing students with the fundamentals of organizational behavior, change theory, organizational leadership and strategic management. Students will assess and diagnose Paramedicine organizations with respect to artifacts, espoused values, mission statements, vision statements, performance goals, objectives and outcome measures.

#### PMC 603. Clinical Practice and Quality Assurance. 3 credits.

Patient care in Paramedicine is most frequently provided in isolated settings outside of hospitals and clinics by one individual or a small team of two or three emergency medical technicians and paramedics. Assuring up-to-date competency, compliance and quality are important systemic challenges in the field of Paramedicine management and leadership. This course will follow the steps of a sound Quality Improvement Program beginning with assessing opportunities, determining how to collect the necessary information, collecting and analyzing data, and utilizing data for quality improvement. Students will learn how to develop and utilize quality metrics both unique to their organizations as well as those determined by regulatory agencies.

#### PMC 604. Paramedicine Financial Management. 3 credits.

Paramedicine fiscal management is complex and diverse. Paramedicine spans the healthcare, public safety, firefighting, not-for-profit, for-profit, hospital system subsidiary agency, aero medical services, military services and other sectors of the economy, each with differences in funding sources, reporting requirements, budgetary cycles, and fiscal management strategies. EMS fiscal management must be competent and current to remain competitive and serve the interests of the community.

#### PMC 605. Ethics in Paramedicine. 3 credits.

This course focuses on the practical application of foundational concepts of ethics to clinical, administrative, and educational settings for Paramedicine professionals including ethical case analyses. Given the special environments in which Paramedicine operate, there will be an emphasis placed on interprofessional collaboration and communication. Paramedicine shares a set of medical and research ethics with medicine and nursing, however, Paramedicine leaders and managers must also be competent in the Paramedicine culture and special environment in which EMS operates.

#### PMC 606. Education for Paramedicine Professionals. 3 credits.

This course provides a graduate-level learning opportunity for Paramedicine professionals to develop an understanding of the principles, practices and theory of Paramedicine education. Those students who complete this course will be prepared to administer, plan, develop and advocate for Paramedicine education and training programs at multiple organizational levels, including nationally accredited institutions of higher learning, municipal and other government-based training agencies, and independent for profit and not-for-profit training agencies, as well as serving in governmental regulatory positions that have oversight responsibilities for Paramedicine education and training. Employee orientation and employee development processes will also be explored.

#### PMC 607. Human Resource Management in Healthcare. 3 credits.

Students will be introduced to the importance of strategic human resources management in organizations, with a focus on healthcare enterprises. Topics covered will include recruitment, hiring, compensation, training, and motivating employees to create a productive and dynamic work environment. The course will also examine the impact of the legal, economic and legislative environment on strategic human resource management, as well as explore the impact of labor relations on the organization and employee.

**PMC 608. Paramedicine Law, Regulations and Risk Management. 3 credits.**

The field of Paramedicine is governed by a complex set of federal, state and municipal laws and regulations. Paramedicine leaders need to be aware of the applicable law and regulations, as well as the interpretations and actions established as a result of these laws. In addition to an overview of the US judicial system, civil liability, risk management, negligence, and employment law topics will be explored.

**PMC 609. Paramedicine Research. 3 credits.**

Evidence-based research has a profound influence on Paramedicine operations. This course is designed to introduce basic concepts related to scientific and social inquiry. While students will not be conducting and completing original research as part of this course, basic research methodology and the processes necessary to conduct a study will be reviewed. Critical analysis of research studies will be completed, with an emphasis on reviewing the strength of the evidence.

**PMC 620. Practicum in Paramedicine Leadership. 3 credits.**

The practicum is designed to be a hands-on experience intended to allow the student to apply culminated knowledge in a real world Paramedicine leadership environment. With the guidance of the faculty advisor, the student will determine a suitable practicum site and emphasis of study, developing a detailed proposal to guide completion of the fieldwork project during the term.

**PMC 640. Independent Study. 1-3 credits.**

Students who take independent study credits are expected to study an area of interest in Paramedicine leadership in great depth. The topic is developed in consultation between the student and faculty mentor, based on ideas the student has expressed in the Independent Study Project Proposal. This project will require an in-depth literature review as well as extensive data gathering, analysis, and synthesis of material into a final written paper.

**PMC 650. Capstone Project. 3 credits.**

To be eligible for the Master of Science in Paramedicine Capstone Project, students must have successfully completed all core coursework (21 credits). The purpose of the Capstone Project is to provide the student with the opportunity to apply their acquired knowledge in Paramedicine leadership, while continuing to explore and enhance skills as Paramedicine leaders. Projects will be developed in consultation between the student and faculty mentor.