

New Degree Proposal for MPS in Organizational Intelligence (STEM)

The College of Professional Studies (CPS) proposes to develop a Master of Professional Studies (MPS) in Organizational Intelligence (CIP code 52.1399: Management Sciences and Quantitative Methods).

In response to evolving workforce needs and shifting enrollment patterns, this proposal is designed both to address enrollment challenges of the existing programs and to create a degree to align more directly with emerging STEM demands, particularly in Artificial Intelligence (AI) and quantitative analysis.

The MPS in Organizational Intelligence program is designed to equip students with diverse interdisciplinary passions with a robust analytical foundation, integrating AI with quantitative and data-driven methodologies. The curriculum incorporates a common STEM core of six courses, covering AI, data analytics, and quantitative methods. Students can couple the STEM common core with one of six concentrations that match their specific academic and professional goals:

- Human Resource Management
- Nonprofit Management
- National Security Intelligence
- Organizational Leadership
- Organizational Communication
- Applied Logistics

Graduates of the program will occupy a critical position at the intersection of organizational leadership, advanced analytics, and artificial intelligence, making them exceptionally relevant in today's rapidly evolving labor market. The program's multidisciplinary structure, combining a robust STEM core with specialized expertise ensures graduates can translate AI capabilities and analytical insights into practical, strategic decisions while understanding human dynamics and change management. This unique blend of quantitative competence and organizational intelligence provides exceptional career flexibility across diverse sectors including healthcare, finance, nonprofits, and government, where the widespread adoption of AI has created strong demand for leaders who can interpret complex data, manage interdisciplinary teams, and guide digital transformation.

The new MPS in Organizational Intelligence strategically expands the university's existing portfolio by integrating essential STEM skills with leadership development, rather than competing with current programs. Building on the university's established strengths in STEM-designated programs such as Artificial Intelligence, Analytics, and Quantitative Methods, this degree incorporates proven coursework to ensure academic rigor while efficiently utilizing resources. What distinguishes this program is its interdisciplinary core that uniquely fuses AI and analytics with leadership within real-world organizational contexts that empower students to lead with innovation and integrity across multiple sectors.

The proposed MPS in Organizational Intelligence shares conceptual ground with existing graduate programs in organizational management, leadership, and applied artificial intelligence, but its design is distinctly uncommon in integrating a STEM-based AI and data science core with customizable concentrations as a curriculum-wide foundation rather than as elective tracks. While many institutions

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are only beginning to incorporate AI and data science elements into management programs, historically, comparable degrees have not required such technical foundations, this program's distinctive combination of a common STEM AI/data core with diverse, career-relevant concentrations makes it unique. The absence of direct competitors offering this embedded technical approach underscores both the novelty and interdisciplinarity of the proposed curriculum, positioning it to meet emerging workforce demands that traditional programs have yet to address comprehensively.

The program is proposed to launch for the Fall 2026 term and be delivered Virtually and in Boston. The program will require 34 semester hours. Based on enrollments, the college will monitor the possibility to expand within the global university network.

Degree Requirements	Semester Hours
Core + Capstone: Six Courses	19 semester hours
Electives: Choose One	3 semester hours
Concentrations: (Six to choose from)	12 semester hours
Total Degree Hours	34 semester hours