**Post-Baccalaureate Certificate in Organizational Leadership (OL)**

# OVERVIEW

The intent of the Organizational Leadership certificate is to prepare executives to develop and analyze management strategies that can be utilized in private businesses, government agencies, and other professional environments. Managerial leaders who are able to identify and create solutions based on analyses to improve organizational effectiveness that advance operations and systems. Graduates from a self-selected area who have the tools to improve performance and outcomes by providing leadership within an organization or a department within an organization. Managers with the competencies to lead local, national, and global organizations by clearly presenting and implementing effective strategies and applications.

## Curriculum

The OL program consists of 2 Core and 4 Elective Courses:

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|  | **Course Number**  | **Course Title**  | **Course Length/Credits**  |
| **Program****Core** | MGMT 572 | Strategic Planning and Management | 45 Hours; 4.5 Credits |
| MGMT 542 | Principles of Global Management | 45 Hours; 4.5 Credits |
| A minimum of 4 elective courses (18 credit hours) are required, may include a concentration in one area or self-selected elective master’s courses across more than one area, examples below. |
| Area 1 Electives:Data Analytics | DATA 521  | Tackling Big Data Challenges - Intro to Big Data | 45 Hours; 4.5 Credits |
| DATA 522 | Solving Big Data Problems – Data Analytics | 45 Hours; 4.5 Credits |
| DATA 523 | Big Data Technologies  | 45 Hours; 4.5 Credits |
| DATA 524 | Information Visualization | 45 Hours; 4.5 Credits |
| DATA 530 | Demonstrated Solutions with Analytics | 45 Hours; 4.5 Credits |
| Area 2 Electives: System & Application Development | CMSC 509 | Software Methodology | 45 Hours; 4.5 Credits |
| CMSC 583 | Software Testing and Integration | 45 Hours; 4.5 Credits |
| CMSC 585 | Object Oriented Programming | 45 Hours; 4.5 Credits |
| CMSC 589 | Java Programming | 45 Hours; 4.5 Credits |
| CMSC 580 | System Architecture and Security Design | 45 Hours; 4.5 Credits |
| MSAE 530 | Cloud and Mobile Computing | 45 Hours; 4.5 Credits |
| MSAE 550 | Emerging Systems and Technologies | 45 Hours; 4.5 Credits |
| Area 3 Electives:IT Administration | INST 522 | Database Design and Processing | 45 Hours; 4.5 Credits |
| INST 523 | Database Administration | 45 Hours; 4.5 Credits |
| INST 524 | Big Data and the Enterprise | 45 Hours; 4.5 Credits |
| INST 525 | Business Intelligence and Data Warehousing | 45 Hours; 4.5 Credits |
| INST 569 | Data and System Security | 45 Hours; 4.5 Credits |
| INST 570 | Information Security Ethics and Legal Aspects | 45 Hours; 4.5 Credits |
| Area 4 Electives:Business Administration | MGMT 560 | Human Resource Management | 45 Hours; 4.5 Credits |
| MGMT 561 | Organizational Behavior and Ethics | 45 Hours; 4.5 Credits |
| MGMT 573 | Project Management and Performance | 45 Hours; 4.5 Credits |
| MGMT 575 | Managing Project Risk and Quality | 45 Hours; 4.5 Credits |
| MGMT 576 | Teamwork and Project Management | 45 Hours; 4.5 Credits |
| MKTG 571 | Marketing Management | 45 Hours; 4.5 Credits |