

Master of Science in Project Management

Award Type: Master of Science

Program Stream: Project & Operations Management

Course Overview

The Master of Science in Project Management develops advanced competencies in planning, executing, and delivering complex projects across industries. The program combines strategic leadership, financial oversight, risk management, and performance evaluation to ensure projects are completed efficiently and successfully.

This program is ideal for professionals seeking to lead large-scale projects, manage cross-functional teams, and drive organizational performance through structured project methodologies.

Learning Outcomes

Upon completion of the program, students will be able to:

- Design and implement comprehensive project plans
- Apply project management frameworks and methodologies effectively
- Manage project budgets, schedules, and resource allocation
- Identify and mitigate project risks
- Lead multidisciplinary teams to achieve strategic objectives

Course Content

Key areas covered in the MSc in Project Management include:

- Advanced Project Planning and Scheduling
- Project Risk and Stakeholder Management
- Financial and Cost Control in Projects
- Leadership and Team Dynamics
- Project Governance and Compliance
- Applied Project Research and Analytics

Credit Value

Total Credit Load: 60 credits

Progression & Application

Graduates are prepared for roles such as project managers, program managers, project consultants, and operations leaders. The program also provides a strong foundation for doctoral studies or professional certifications in project and operations management.

MSc in Operations & Supply Chain Management

Award Type: Master of Science

Program Stream: Project & Operations Management

Course Overview

The MSc in Operations & Supply Chain Management develops advanced expertise in managing production systems, logistics networks, and end-to-end supply chain operations. The program integrates operational strategy, procurement management, global sourcing, and performance optimization to enhance efficiency and competitiveness.

This program is ideal for professionals aiming to lead supply chain functions, improve operational systems, and drive sustainable value across organizations.

Learning Outcomes

Upon completion of the program, students will be able to:

- Design and optimize supply chain networks
- Apply operational strategies to improve efficiency and productivity
- Manage procurement, sourcing, and distribution processes
- Analyze performance metrics to enhance operational outcomes
- Integrate sustainability and risk management into supply chain operations

Course Content

Key areas covered in the MSc in Operations & Supply Chain Management include:

- Operations Strategy and Process Design
- Global Supply Chain Management
- Procurement and Vendor Management
- Logistics and Distribution Systems
- Performance Measurement and Optimization
- Sustainable and Resilient Supply Chains

Credit Value

Total Credit Load: 60 credits

Progression & Application

Graduates are prepared for roles such as operations managers, supply chain directors, procurement specialists, and logistics consultants. The program also provides a foundation for doctoral studies or advanced professional certifications in operations and supply chain management.

MSc in Risk & Quality Management

Award Type: Master of Science

Program Stream: Project & Operations Management

Course Overview

The MSc in Risk & Quality Management develops advanced capabilities in identifying, assessing, and controlling organizational risks while maintaining high standards of quality and compliance. The program integrates risk governance, quality assurance systems, regulatory frameworks, and performance monitoring to strengthen operational resilience.

This program is ideal for professionals seeking to safeguard organizational performance, enhance compliance standards, and implement robust quality management systems across industries.

Learning Outcomes

Upon completion of the program, students will be able to:

- Identify and evaluate strategic, operational, and financial risks
- Design and implement quality management systems
- Apply regulatory and compliance frameworks effectively
- Develop risk mitigation and continuous improvement strategies
- Monitor performance indicators to ensure operational excellence

Course Content

Key areas covered in the MSc in Risk & Quality Management include:

- Enterprise Risk Management Frameworks
- Quality Assurance and Control Systems
- Regulatory Compliance and Governance
- Risk Assessment and Mitigation Techniques
- Continuous Improvement and Performance Optimization
- Data-Driven Quality and Risk Analytics

Credit Value

Total Credit Load: 60 credits

Progression & Application

Graduates are prepared for roles such as risk managers, quality assurance directors, compliance officers, and operational risk consultants. The program also provides a pathway to doctoral studies or advanced professional certifications in risk and quality management.

MSc in Logistics & Operations Strategy

Award Type: Master of Science

Program Stream: Project & Operations Management

Course Overview

The MSc in Logistics & Operations Strategy focuses on the strategic coordination of logistics systems and operational processes to achieve competitive advantage. The program emphasizes network design, transportation strategy, capacity planning, and operational alignment with long-term business objectives.

This program is ideal for professionals seeking to design efficient logistics frameworks, strengthen operational capabilities, and lead strategic transformation initiatives within organizations.

Learning Outcomes

Upon completion of the program, students will be able to:

- Develop integrated logistics and operations strategies
- Optimize transportation, warehousing, and distribution systems
- Align operational planning with corporate objectives
- Analyze data to support strategic logistics decisions
- Enhance efficiency, resilience, and cost-effectiveness in operations

Course Content

Key areas covered in the MSc in Logistics & Operations Strategy include:

- Strategic Logistics Management
- Transportation and Distribution Systems
- Operations Planning and Capacity Management
- Network Design and Optimization
- Data Analytics for Operational Strategy
- Global Trade and Logistics Policy

Credit Value

Total Credit Load: 60 credits

Progression & Application

Graduates are prepared for roles such as logistics strategists, operations directors, supply chain planners, and strategy consultants. The program also supports progression to doctoral studies or advanced professional certifications in logistics and operations management.

MSc in Business Process & Project Analytics

Award Type: Master of Science

Program Stream: Project & Operations Management

Course Overview

The MSc in Business Process & Project Analytics equips students with advanced analytical skills to evaluate, optimize, and transform business processes and project performance. The program integrates data analytics, process modeling, performance metrics, and decision-support systems to enhance operational efficiency and strategic outcomes.

This program is ideal for professionals seeking to leverage data-driven insights to improve project delivery, streamline workflows, and strengthen organizational performance.

Learning Outcomes

Upon completion of the program, students will be able to:

- Analyze and model business processes using quantitative tools
- Apply data analytics to improve project and operational performance
- Identify inefficiencies and design process improvement strategies
- Utilize performance dashboards and key metrics for decision-making
- Integrate analytics into strategic planning and project governance

Course Content

Key areas covered in the MSc in Business Process & Project Analytics include:

- Business Process Modeling and Optimization
- Project Performance Analytics
- Data Analysis and Decision Support Systems
- Process Improvement Methodologies
- Predictive Analytics for Operations
- Applied Research in Business Analytics

Credit Value

Total Credit Load: 60 credits

Progression & Application

Graduates are prepared for roles such as business analysts, project analytics specialists, process improvement managers, and operations consultants. The program also provides a pathway to doctoral studies or advanced professional certifications in business analytics and project performance management.

Postgraduate Diploma in Project Management

Award Type: Postgraduate Diploma

Program Stream: Project & Operations Management

Course Overview

The Postgraduate Diploma in Project Management provides practical and structured training in managing projects from initiation to completion. The program focuses on planning, execution, monitoring, and control processes to ensure timely and cost-effective project delivery.

This program is ideal for early to mid-career professionals seeking to formalize their project management expertise and enhance their leadership capabilities.

Learning Outcomes

Upon completion of the program, students will be able to:

- Develop structured project plans and schedules
- Apply standard project management methodologies
- Monitor project performance and control deviations
- Manage risks, stakeholders, and communication processes
- Deliver projects within scope, budget, and timeline constraints

Course Content

Key areas covered in the Postgraduate Diploma in Project Management include:

- Project Lifecycle and Planning Techniques
- Budgeting and Cost Control
- Risk and Stakeholder Management
- Project Monitoring and Reporting
- Leadership in Project Teams
- Project Documentation and Governance

Credit Value

Total Credit Load: 30 credits

Progression & Application

Graduates are prepared for roles such as project coordinators, assistant project managers, and operations supervisors. The program also provides progression into a Master of Science in Project Management or related advanced studies.

Postgraduate Diploma in Operations Management

Award Type: Postgraduate Diploma

Program Stream: Project & Operations Management

Course Overview

The Postgraduate Diploma in Operations Management equips professionals with the knowledge and tools required to manage and optimize organizational operations. The program emphasizes efficiency, productivity improvement, process design, and operational strategy across various industries.

It is designed for professionals seeking to enhance their operational leadership capabilities or transition into operations-focused roles.

Learning Outcomes

Upon completion of the program, students will be able to:

- Design and improve operational systems and workflows
- Apply operations strategy to achieve business objectives
- Manage resources effectively to maximize productivity
- Analyze performance metrics and implement improvement plans
- Lead operational teams in dynamic business environments

Course Content

Core areas covered include:

- Operations Strategy & Planning
- Process Design and Optimization
- Resource & Capacity Management
- Performance Measurement & KPIs
- Quality Management Systems
- Operations Risk Management

Credit Value

Total Credit Load: 30 credits

Progression & Application

Graduates can pursue roles such as operations supervisors, operations managers, or production coordinators. The diploma also provides academic progression into MSc programs in Operations & Supply Chain Management or related fields.

Postgraduate Diploma in Supply Chain & Logistics

Award Type: Postgraduate Diploma

Program Stream: Project & Operations Management

Course Overview

The Postgraduate Diploma in Supply Chain & Logistics provides advanced knowledge of supply chain systems, logistics coordination, and procurement strategy. The program focuses on designing efficient supply networks, improving distribution processes, and enhancing supply chain resilience in local and global markets.

It is ideal for professionals seeking to strengthen their expertise in procurement, logistics operations, and supply chain optimization.

Learning Outcomes

Upon completion of the program, students will be able to:

- Design and manage end-to-end supply chain systems
- Optimize logistics and distribution networks
- Apply procurement and sourcing strategies effectively
- Analyze supply chain data to improve performance
- Mitigate supply chain risks and disruptions

Course Content

Core areas covered include:

- Supply Chain Strategy & Design
- Logistics & Distribution Management
- Procurement & Strategic Sourcing
- Inventory & Warehouse Management
- Global Supply Chain Systems
- Risk & Resilience in Supply Networks

Credit Value

Total Credit Load: 30 credits

Progression & Application

Graduates can pursue roles such as supply chain analysts, logistics managers, procurement officers, and distribution coordinators. The diploma also provides progression into MSc programs in Operations & Supply Chain Management or Logistics & Operations Strategy.

Postgraduate Diploma in Process Improvement & Efficiency

Award Type: Postgraduate Diploma

Program Stream: Project & Operations Management

Course Overview

The Postgraduate Diploma in Process Improvement & Efficiency equips professionals with the tools and methodologies required to analyze, redesign, and optimize business processes. The program emphasizes operational excellence, workflow optimization, and continuous improvement frameworks that enhance productivity and reduce waste.

Curated for individuals seeking to improve organizational performance through structured process management and efficiency strategies.

Learning Outcomes

Upon completion of the program, students will be able to:

- Analyze and redesign organizational processes
- Apply continuous improvement methodologies
- Identify inefficiencies and implement corrective strategies
- Utilize performance metrics to drive operational excellence
- Lead efficiency initiatives across departments

Course Content

Core areas covered include:

- Business Process Analysis & Mapping
- Lean Principles & Operational Excellence
- Performance Measurement & KPIs
- Change Management & Implementation
- Process Automation & Digital Optimization
- Quality Control & Continuous Improvement

Credit Value

Total Credit Load: 30 credits

Progression & Application

Graduates can pursue roles such as process improvement specialists, operations analysts, performance managers, and business efficiency consultants. The diploma also supports progression into MSc programs within the Project & Operations Management stream.

Postgraduate Diploma in Risk Assessment & Mitigation

Award Type: Postgraduate Diploma

Program Stream: Project & Operations Management

Course Overview

The Postgraduate Diploma in Risk Assessment & Mitigation provides professionals with the skills to identify, evaluate, and manage organizational risks effectively. The program emphasizes risk analysis, mitigation strategies, and compliance frameworks to ensure operational resilience and informed decision-making.

Ideal for individuals aiming to strengthen risk management capabilities within projects, operations, and organizational processes.

Learning Outcomes

Upon completion of the program, students will be able to:

- Identify and assess operational, strategic, and project risks
- Develop and implement risk mitigation strategies
- Apply compliance and governance frameworks to minimize risk
- Monitor and report on risk exposure and control effectiveness
- Integrate risk management into organizational decision-making

Course Content

Core areas covered include:

- Risk Identification and Assessment Techniques
- Risk Mitigation Planning and Implementation
- Governance, Compliance, and Regulatory Frameworks
- Risk Monitoring and Reporting
- Enterprise Risk Management
- Strategic and Operational Risk Analysis

Credit Value

Total Credit Load: 30 credits

Progression & Application

Graduates are prepared for roles such as risk analysts, risk officers, operational risk managers, and compliance specialists. The diploma also provides progression into MSc programs in Risk & Quality Management or related fields.

Graduate Certificate in Project Planning & Control

Award Type: Graduate Certificate

Program Stream: Project & Operations Management

Course Overview

The Graduate Certificate in Project Planning & Control equips students with practical skills to plan, schedule, and monitor projects effectively. The program emphasizes critical tools and techniques for project tracking, resource management, and timely delivery.

This program is ideal for professionals looking to enhance their project management capabilities or pursue leadership roles in project-driven environments.

Learning Outcomes

Upon completion of the program, students will be able to:

- Develop detailed project plans and schedules
- Apply project control tools to monitor progress and performance
- Manage project resources efficiently
- Identify and mitigate potential project risks
- Report on project status and implement corrective actions

Course Content

Key areas covered include:

- Project Planning Techniques
- Scheduling and Timeline Management
- Resource Allocation and Cost Control
- Risk Identification and Mitigation
- Progress Monitoring and Reporting
- Tools and Software for Project Control

Credit Value

Total Credit Load: 15 credits

Progression & Application

Graduates are prepared for roles such as project coordinators, project planners, and assistant project managers. The program also provides a foundation for postgraduate diplomas or master's study in project and operations management.

Graduate Certificate in Lean & Six Sigma Practices

Award Type: Graduate Certificate

Program Stream: Project & Operations Management

Course Overview

The Graduate Certificate in Lean & Six Sigma Practices equips students with practical tools and methodologies to improve processes, enhance efficiency, and ensure quality in organizational operations. The program focuses on process improvement, waste reduction, and data-driven decision-making using Lean and Six Sigma principles.

This program is ideal for professionals seeking to implement continuous improvement initiatives and optimize operational performance in diverse industries.

Learning Outcomes

Upon completion of the program, students will be able to:

- Apply Lean principles to streamline processes and eliminate waste
- Utilize Six Sigma tools to analyze and improve process quality
- Implement continuous improvement strategies effectively
- Measure and monitor performance using data-driven metrics
- Lead process improvement initiatives across departments

Course Content

Key areas covered include:

- Lean Principles and Methodologies
- Six Sigma Tools and Techniques
- Process Mapping and Analysis
- Performance Measurement and KPIs
- Quality Management and Improvement
- Project Implementation and Change Management

Credit Value

Total Credit Load: 15 credits

Progression & Application

Graduates are prepared for roles such as process improvement specialists, operations analysts, quality assurance coordinators, and project managers. The program also provides a pathway to postgraduate diplomas or MSc programs in project and operations management.

Professional Certificate in Operations Leadership

Award Type: Professional Certificate

Program Stream: Project & Operations Management

Course Overview

The Professional Certificate in Operations Leadership equips students with practical skills to lead teams, manage operations, and drive organizational performance. The program emphasizes leadership strategies, operational decision-making, and effective team management in dynamic business environments.

This program is ideal for professionals aspiring to managerial roles or seeking to enhance their leadership capabilities in operations-focused roles.

Learning Outcomes

Upon completion of the program, students will be able to:

- Lead operational teams effectively and motivate staff
- Implement strategic decisions to optimize operational performance
- Manage resources, workflow, and productivity
- Apply problem-solving and decision-making techniques in operations
- Drive organizational change and process improvements

Course Content

Key areas covered include:

- Principles of Operations Leadership
- Team Management and Motivation
- Operational Decision-Making
- Resource Planning and Productivity
- Problem Solving and Conflict Resolution
- Change Management in Operations

Credit Value

Total Credit Load: 10 credits

Progression & Application

Graduates are prepared for roles such as operations team leaders, supervisors, department managers, and project coordinators. The program also provides a foundation for graduate certificates or postgraduate diplomas in project and operations management.

Professional Certificate in Supply Chain Coordination

Award Type: Professional Certificate

Program Stream: Project & Operations Management

Course Overview

The Professional Certificate in Supply Chain Coordination equips students with practical skills to manage and streamline supply chain operations. The program emphasizes coordination of procurement, logistics, inventory, and distribution activities to ensure smooth and efficient supply chain performance.

This program is ideal for professionals seeking operational roles in supply chain management or looking to enhance their coordination and management skills within logistics networks.

Learning Outcomes

Upon completion of the program, students will be able to:

- Coordinate supply chain activities across multiple functions
- Optimize inventory, procurement, and distribution processes
- Communicate effectively with suppliers, partners, and internal teams
- Apply tools and techniques for efficient supply chain management
- Monitor and improve supply chain performance metrics

Course Content

Key areas covered include:

- Supply Chain Fundamentals
- Procurement and Vendor Coordination
- Inventory and Warehouse Management
- Logistics and Distribution Operations
- Performance Measurement and Reporting
- Tools for Supply Chain Coordination

Credit Value

Total Credit Load: 10 credits

Progression & Application

Graduates are prepared for roles such as supply chain coordinators, logistics officers, operations analysts, and inventory supervisors. The program also provides a foundation for graduate certificates or postgraduate diplomas in operations and supply chain management.

Professional Certificate in Agile Project Management

Award Type: Professional Certificate

Program Stream: Project & Operations Management

Course Overview

The Professional Certificate in Agile Project Management equips students with practical skills to manage projects using Agile methodologies. The program emphasizes iterative project planning, flexible workflows, and team collaboration to deliver high-quality outcomes efficiently.

This program is ideal for professionals seeking to implement Agile practices in project management or enhance their ability to lead dynamic, fast-paced projects.

Learning Outcomes

Upon completion of the program, students will be able to:

- Apply Agile principles and frameworks to project management
- Plan, execute, and monitor projects iteratively
- Facilitate team collaboration and effective communication
- Manage project risks and adapt to changing requirements
- Evaluate project performance using Agile metrics and tools

Course Content

Key areas covered include:

- Introduction to Agile Methodologies
- Scrum, Kanban, and Lean Practices
- Iterative Planning and Execution
- Team Collaboration and Communication
- Risk Management in Agile Projects
- Agile Project Performance Metrics

Credit Value

Total Credit Load: 10 credits

Progression & Application

Graduates are prepared for roles such as Agile project coordinators, scrum masters, project analysts, and team leads. The program also provides a foundation for graduate certificates or postgraduate diplomas in project and operations management.

Professional Certificate in Quality & Performance Management

Award Type: Professional Certificate

Program Stream: Project & Operations Management

Course Overview

The Professional Certificate in Quality & Performance Management equips students with practical skills to monitor, assess, and enhance organizational performance. The program emphasizes quality control, performance measurement, and continuous improvement to ensure operational excellence.

This program is ideal for professionals seeking to strengthen quality management practices and optimize performance across teams and business processes.

Learning Outcomes

Upon completion of the program, students will be able to:

- Implement quality management systems and standards
- Measure and analyze organizational performance metrics
- Identify areas for operational improvement
- Develop strategies to enhance efficiency and effectiveness
- Apply continuous improvement methodologies in practice

Course Content

Key areas covered include:

- Quality Management Principles
- Performance Measurement and KPIs
- Process Improvement and Efficiency
- Auditing and Compliance
- Continuous Improvement Techniques
- Tools for Performance Monitoring

Credit Value

Total Credit Load: 10 credits

Progression & Application

Graduates are prepared for roles such as quality managers, performance analysts, operations supervisors, and process improvement specialists. The program also provides a pathway to graduate certificates or postgraduate diplomas in project and operations management.