



Engineering Management Specialization

The **Engineering Management** specialization focuses on the application of engineering principles in business. The goal of this track is to train engineers who, by integrating management principles with engineering knowledge, can address real-world organizational challenges in areas such as management, economics, and business. Graduates of this specialization are expected to possess the necessary skills in both industrial engineering and management, enabling them to implement scientific management practices across various sectors of production and services within society.

Key Skills Required

- Project management
- Organizational systems analysis
- Strategic planning
- Decision-making
- Human resource optimization

Commonly Used Software

- Microsoft Project
- Primavera
- Excel
- Power BI
- SAP ERP
- MATLAB

Job Opportunities and Career Fields

- Management of industrial projects
- Organizational systems analysis and optimization
- Management consulting
- Business process improvement