

# Curriculum Map for BS in Industrial Management (Evening Program) (Academic Years 2011-12)

## Education Goals

Professional practice  
 Problem solving abilities  
 Perceive regional industrial development Think independently  
 Analyze problems and issues  
 Express opinions  
 Apply IT skills

General Required Core (20)

General Electives (8)

Required Courses (62)

Other Electives (38)

Freshman Semester 1

Freshman Semester 2

Sophomore Semester 1

Sophomore Semester 2

Junior Semester 1

Junior Semester 2

Senior Semester 1

Senior Semester 2

Social Science subjects should not be included in the selection. Students should take subjects from four out of the remaining six disciplines.

English Practice I (2)

English Practice II (2)

English-listening and Speaking Lab I (2)

English-listening and Speaking Lab II (2)

Constitutionalism and Rule of Law (2)

Technical Writing Practice (2)

Technical Presentation Practice (2)

Enterprise Resource Planning (2)

Chinese Literature and Thoughts I (2)

Chinese Literature and Thoughts II(2)

History of Civilization and Development (2)

Practices in Statistics (2)

Applied Chinese (2)

Operations Research (4)

Quality Control Practice (2)

Total Quality Management (2)

Managerial Mathematics Principles (2)

Statistics Principles (2)

Advanced in Statistics (2)

Practices in Organizational Behavior (2)

Quality Management (4)

Introduction to Industrial Management (2)

Distribution Management (2)

Systems Simulation (2)

Accounting Principles (2)

Advanced in Accounting (2)

Organizational Behavior Principles (2)

Practices in Operations Management (2)

Facility Planning (4)

Decision Analysis (2)

System Analysis and Design (2)

Semi-Conductor Manufacturing Management (2)

Economics Principles (2)

Advanced in Economics (2)

Marketing Principles (2)

Practices in Human Resources Management (2)

Linear Algebra (4)

Industrial Relations (2)

Software Applications to Industrial Management (2)

Automated Inspection (2)

Introduction to Computer and Information System (2)

Applications for Information Technology (2)

Finance Principles (2)

Practices in Human Resources Management (2)

Practices in MIS (4)

Computer Aided Design and Manufacturing (2)

Business Automation (2)

Manufacturing Process (2)

Introduction to Business and organization (2)

Applications for Information Technology (2)

Introduction to Commercial Law (2)

Business Ethics (2)

Logistics Management (2)

Enterprise Diagnosis (2)

Practice for ISO Quality Assurance (2)

Law of Industrial Safety and Hygiene (2)

Labor Issues (2)

Materials Management (2)

Service Operation Management (2)

Introduction to Industrial Automation (2)

Industrial Safety and Hygiene (2)

Customer Relationship Management (2)

Quality manager,  
 Operations manager,  
 Process analyst,  
 Facility engineer,  
 INDUSTRIAL SAFETY TECHNICIAN,  
 System analyst and programmer,  
 E-Business manager,  
 Human resource Manager  
 Financial Analyst  
 Programmer  
 Procurement specialist/ manager  
 Managerial staff

→ course taking hurdle

.....→ Recommended course sequence

Curricular Requirements: 128 credits