

CURRICULUM OF INDUSTRIAL MANAGEMENT PROGRAMME

1. PROGRAMME OBJECTIVES

Industrial Management Program provides students with:

- Knowledge of basic science, economics and management.
- Ability to self-study, to think systematically, and to solve problems in production system.
- Teamwork skills, leadership skills, and communication skills
- Ability of forming ideas, planning, implementing, and operating production system in enterprises.

2. EXPECTED LEARNING OUTCOMES

<i>IMP ELOs</i>
1.1 Apply knowledge of basic science in industrial management
1.2 Illustrate general knowledge of management in production, business, trade and service.
1.3 Implement knowledge of industrial management such as production management, quality management, human resources management, and marketing management
2.1 Analyze, evaluate and solve problems in production and business
2.2 Do a research in business operations
2.3 Conduct systematic thinking
2.4 Show professional working attitude, international integration and lifelong learning capacity
2.5 Be aware of professional ethics
3.1 Lead and work in a team
3.2 Communicate effectively in business environment
3.3 Communicate in English
4.1 Understand macro factors' influence on business operations
4.2 Adapt to different working environments.

4.3 Conceive ideas of production system improvement
4.4 Set up requirement, make plans
4.5 Implement a plan or a project
4.6 Operate and manage production systems

3. CURRICULUM

Industrial management program consists of 150 credits which are divided in to 8 semesters. Student will be expected to study in 4 years. Here are the details of teaching plan.

➤ Semester 1:

No	Course Code	Course Title	Credits	Prerequisite Code
1	MATH130801	Mathematics C1 (Algebra)	3	
2	GELA220405	General Law	2	
3	PHYS120102	General Physics A1	3	
4	LLCT150105	Fundamentals of Marxism – Leninism	5	
5	MIOF130207	MS Office	3 (2+1)	
6	INMA130106	Introduction To Industrial Management	3 (2+1)	
Total			19	

➤ Semester 2:

No	Course Code	Course Title	Credits	Prerequisite Code
1	MATH120901	Mathematics C2 (Analytics)	3	MATH130801
2	ENGL130137	English 1	3	
3	FECO240206	General Economics	4	
4	LLCT120314	HoChiMinh's Ideology	2	
5	PHYS120202	General Physics A2	3	PHYS120102
6	MATH130401	Applied Probabilities and Statistics	3	
7	PHED110513	Physical Education 1	0	

8		Choose 1 selective course in general knowledge group	2	
Total			20	

➤ **Semester 3:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	LLCT230214	VCP's Revolution Guidance	3	
2	FUMA230806	Fundamental Management	3	
3	ENGL230237	English 2	3	ENGL130137
4	LIPR230706	Optimization	3	MATH130901
5	STAT231006	Business Statistics	3	MATH130401
6	EDDG220120	Technical drawing	2	
7	PHED110613	Physical Education 2	0	
8		Choose 1 selective course in general knowledge group	2	
Total			19	

➤ **Semester 4:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	PRAC230407	Principles of Accounting	3	
2	EMET230606	Econometrics	3	STAT231006
3	TEMA321406	Technology Management	3	FUMA230806
4	SCRE220306	Research Methods	2	
5	ENGL330337	English 3	3	ENGL230237
6	BLAW220906	Business Law	2	GELA220405
7	PHED130715	Physical Education 3	0	
8		Choose 1 selective course in specialized knowledge group A	3	
Total			19	

➤ **Semester 5:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	BENG330706	Business English	3	
2	MAMA340906	Marketing Management	4	FUMA230806
3	MAAC331307	Managerial Accounting	3	PRAC230407
4	PRMA330806	Production system	3	FUMA230806
5	QMAN331606	Quality Management	3	FUMA230806
6		Choose 1 selective course in specialized knowledge group A	3	
Total			19	

➤ **Semester 6:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	INTB330606	International Business	2	
2	MAIM320406	Industrial Maintenance Management	3	FUMA230806
3	MAIS430306	Management Information System (MIS)	4	MIOF130207
4	PRMA331506	Production Management	3	PRMA330806
5	MARE320206	Marketing Research	3	SCRE220306
6	SPAP412206	Applying SPSS into research	1	
7		Choose 2 selective courses in specialized knowledge group B	4	
Total			20	

➤ **Semester 7:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	STMA430406	Strategic Management	3	FUMA230806
2	PROM430506	Project Management	3	FUMA230806
3	ECOM431006	Electronic Commerce (EC)	3	MIOF130207

4	FIMA430807	Finance Management	3	MATH120901
5	FTMA432406	Foreign trade Management	3	
6	HRMA331206	Human Resources Management	3	FUMA230806
7		Choose 1 selective course in specialized knowledge group B	2	
Total			20	

➤ **Semester 8:**

No	Course Code	Course Title	Credits	Prerequisite Code
1	INTE441106	Final Internship	4	Senior students
2	Final Thesis or Final Exam			
3	IMGR401206	Final Thesis	10	Senior students
4	Final Exam			
5	SCMA440706	Supply Chain Management	4	PRMA330806
6	BPLA430606	Business Planning	3	FIMA430807 MAMA340906
7	ERPS431208	Enterprise Resource Planning	3	PRMA331506
Total			14	

SELECTIVE COURSES:

➤ **General Knowledge: (Choose 2 courses: 04 credits)**

No	Course Code	Course Title	Credits	Note
1	PLSK320605	Planning Skills	2	
2	PRSK320705	Presentation Skill	2	
3	INLO220405	Introduction to Logics	2	
4	IVNC320905	Vietnamese Culture	2	
5	INSO321005	Introduction to Sociology	2	

➤ **Specialized Knowledge (Group A and Group B)**

Technical Knowledge Group A (Choose 2 courses: 06 credits)

No	Course Code	Course Title	Credits	Note
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1	CADM230320	Basic AutoCAD	3	(2+1)
2	AMAP432225	Automation of Production Process	3	
3	MASI230226	Material Study	3	(2+1)
4	ELEN232044	Electrical Engineering	3	
5	GMEN134025	General Mechanics	3	
6	DITE334029	Digital	3	

Managerial Knowledge Group B (Choose 3 Courses: 06 credits)

No	Course Code	Course Title	Credits	Note
1	ORBE320306	Organizational Behavior	2	
2	PRAN321106	Project Analysis and Evaluation	2	
3	BCOM320106	Business Communication	2	
4	SEMA320907	Security Market	2	
5	CUSM321006	Customer Relationship Management	2	
6	MARI420107	Financial Risk Management	2	
7	ADBE430206	Advanced Business English	2	
8	PSBU221106	Business Psychology	2	
9	BCUL320506	Corporate Culture	2	

4. JOB OPPITUNITIES

After graduation, students of IMP can work in many fields especially in production enterprises. Specific career opportunities are as follows:

- Production management includes production planning, purchasing and inventory management, and staff management.
- Supply chain management involves negotiating contracts, establishing long-term relationships with suppliers, maintaining the accuracy of the purchasing system, invoices, and returned goods.
- Process improvement consulting includes designing and implementing lean manufacturing plans and reducing production time in both manufacturing and service sectors.
- Quality management includes a detailed analysis of databases and spreadsheets, process validation to identify areas for improvement, and management of changes.
- Human resource management includes personnel planning, training needs assessment and training planning, salary and bonus plans, incentive plans and labor relations.

- Business management includes marketing research, marketing management, strategic planning, business planning.