

MINISTRY OF EDUCATION & TRAINING
HCMC UNIVERSITY OF TECHNOLOGY AND EDUCATION
Faculty of Economics

UNDERGRADUATE PROGRAM

1. Program Title: Industrial Management

2. Awarding Institution: HCMC University of Technology and Education

3. Programme Code: 52510601

4. Training Time: 4 years

5. Type of Study: Campus based

6. Admission Requirements

High school students have to attend National Entrance Exam organized by MoET. If they have total score of Mathematics, Physics, and Chemistry (group A) or Mathematics, Physics, and English (group A1), or Mathematics, Literature, English (group D1) higher than the cut-off score set by the HCMUTE, they will become students of IMP. Or students who graduated from specialized high schools, have an average score of five consecutive terms of high school larger than 7.5 and are in top 10% of the HCMUTE annual admission quota.

7. Programme Objectives and ELOs

<i>Programme objectives</i>	<i>Expected learning outcomes</i>
PO1: Knowledge of basic science, economics and management.	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
PO2: Developing the capability of exploring knowledge; solving problems in business; thinking systematically; having visions; and shaping personal and professional competence.	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
PO3: Teamwork skills, leadership skills, and communication skills	3.1 Lead and work in a team
	3.2 Communicate effectively in business environment
	3.3 Communicate in English
PO4: Ability of forming ideas, planning, and implementing, and operating production system in enterprises.	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

8. Programme Structure

Name	Credits		
	Total	Compulsory	Selective
General Knowledge	54	50	4
Political education	12	12	
Social Sciences	9	5	4
English	9	9	
Information Technology	3	3	
Mathematics and Natural Science	21	21	
Fundamental and Specialized Knowledge	96	84	12
Fundamental Knowledge	26	20	6
Specialized	56	50	6
Internship	4	4	
Thesis	10	10	
Total	150	134	16

9. Programme Details

9.1 General Knowledge

9.1.1 Political education and Social Sciences

No	Code	Course Title	Credits	Note
1	LLCT150105	Fundamentals of Marxism - Leninism	5	
2	LLCT120314	Ho Chi Minh's Ideology	2	
3	LLCT230214	VCP's Revolution Guidance	3	
4	INMA 130106	Introduction Industrial Management	3	(2+1)
5	GELA220405	General Law	2	
	SCRE220306	Research Methods	2	
Total			17	

9.1.2 English

No	Code	Course Title	Credits	Note
1	ENGL130137	English 1	3	
2	ENGL230237	English 2	3	
3	ENGL330337	English 3	3	
Total			9	

9.1.3 Mathematics – Information Technology – Natural Sciences

No	Code	Course Title	Credits	Note
1	MATH130801	Mathematics C1 (Algebra)	3	
2	MATH130901	Mathematics C2 (Analytics)	3	
3	MIOF130207	MS Office	3	(2+1)
4	PHYS120102	General Physics A1	3	
5	PHYS120202	General Physics A2	3	
6	MATH130401	Applied Probabilities and Statistics	3	
7	EMET230606	Econometrics	3	
8	MAOP230706	Optimization	3	
Total			24	

9.2 Fundamental knowledge

No	Code	Course Title	Credits	Note
1	BENG330706	Business English	3	
2	FECO240206	General Economics	4	
3	PRAC230407	Principles of Accounting	3	
4	BLAW230906	Business Law	2	
5	FUMA220806	Fundamental Management	3	
6	STAT231006	Business Statistics	3	
7	EDDG220120	Technical drawing	2	
Total			20	

9.3 Specialized Knowledge

No	Code	Course Title	Credits	Note
1	MAMA340906	Marketing Management	4	
2	MAAC331307	Managerial Accounting	3	
3	FTMA432406	Foreign Trade Management	3	
4	PRMA330806	Production system	3	
5	PRMA331506	Production Management	3	
6	TEMA331406	Technology Management	3	
7	MARE330206	Marketing Research	3	
8	HRMA331206	Human Resources Management	3	
9	QMAN331606	Quality Management	3	
10	MAIM330406	Maintenance Management	3	
11	MAIS440306	Management Information System (MIS)	4	
12	STMA430406	Strategic Management	3	
13	PROM430506	Project Management	3	
14	FIMA420807	Finance Management	3	
15	ECOM431006	Electronic Commerce (EC)	3	
16	INTB320606	International Business	2	
Total			49	

9.4 Internship and Thesis

No	Code	Course Title	Credits	Note
1	INTE441106	Internship	4	
2	IMGR4101206	Final Thesis or Final Exam	10	
Total			14	

9.5 Selective Courses

9.5.1 General Knowledge: (Choose 2 courses: 04 credits)

No	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	

9.5.2. Specialized Knowledge in Engineering (Group A)

(Choose 2 Courses: 06 credits)

No	Code	Course Title	Credits	Note
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	

9.5.3. Specialized Knowledge in Management (Group B)

(Choose 3 Courses: 06 credits)

No	Unit Code	Unit 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	

10. 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	Ho Chi Minh's Ideology	2	
5	PHYS120202	General Physics A2	3	PHYS120102
6	MATH130401	Applied Probabilities and Statistics	3	
7		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	MAOP230706	Optimization	3	MATH130901
5	STAT231006	Business Statistics	3	MATH130401
6	EDDG220120	Technical drawing	2	
7		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		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	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	