

UNDERGRADUATE PROGRAM

BACHELOR OF INDUSTRIAL MANAGEMENT

(Issued according to Decision No: /QĐ-ĐHNCT dated day month year 2025 of
The Rector of Nam Can Tho University)

Program name: Industrial Management

Level of training: Regular university system

Training field: Industrial Management

Code: 7510601

Training type: Regular

1. Program Description

The Industrial Management undergraduate program aims to train students to become Bachelors of Industrial Management. It equips students with sufficient knowledge, skills, political qualities, ethics, professional demeanor, and good health to work effectively in fields related to industrial management.

2. Duration of Study: 4 years

3. Total Program Credits: 130 credits (excluding credits for Physical Education and National Defense Education), distributed as follows:

KNOWLEDGE BLOCK	Knowledge Required	Elective knowledge	Total
General education knowledge	37	2	39
Professional education knowledge	73	18	91
- Basic industry knowledge	27	6	33
- Specialized knowledge	42	6	48
- Graduation internship	4		4
- Graduation thesis/Replacement subjects		6	6
Total volume	110	20	130

4. PROGRAM CONTENT

4.1. General Education Knowledge:

No	Course code	Course name	Number of credits	Theory	Practice	Category
A	Political theory		11	11		
1	0101000889	Marxist-Leninist philosophy	3	3		Obligatory
2	0101000641	Political economy	2	2		Obligatory
3	0101000890	Scientific socialism	2	2		Obligatory
4	0101000900	Ho Chi Minh thought	2	2		Obligatory
5	0101000869	History of the Communist Party of Vietnam	2	2		Obligatory
B	Social sciences and humanities		2+2			
6	0101000891	General law	2	2		Obligatory
7	0101000881	General logic	2	2		Elective
8	0101000894	General psychology	2	2		Elective
C	Foreign languages		15	15		
9	0101000861	Basic English 1	3	3		Obligatory
10	0101000862	Basic English 2	3	3		Obligatory
11	0101000863	Basic English 3	3	3		Obligatory
12	0101002348	Basic English 4	3	3		Obligatory
13	0101002363	Basic English 5	3	3		Obligatory
D	Mathematics, Information Technology, Natural Sciences, Technology - Environment		9	8	1	
14	0101000898	Advanced Mathematics 1	3	3		Obligatory
15	0101000883	Probability Theory and Mathematical Statistics	3	3		Obligatory
16	0101000896	Basic Information Technology	3	2	1	Obligatory
E	Physical Education		3		3	
17	0101000872	Physical Education 1 (*)	1		1	Conditional
18	0101000873	Physical Education 2 (*)	1		1	Conditional
19	0101000874	Physical Education 3 (*)	1		1	Conditional
F	National Defense Education		8			
20	0101000871	National Defense Education (*)	8			Conditional

(*) Conditional subjects, not calculated for cumulative GPA

4.2. Volume of professional education knowledge:

No	Course code	Course name	Number of credits	Theory	Practice	Category
Basic knowledge of the industry			27+6	37	1	
1	0101001740	Introduction to Industrial Management	2	2		Obligatory
2	0101000610	Business communication	2	2		Obligatory
3	0101000644	Economics	3	3		Obligatory
4	0101000735	Accounting principles	3	3		Obligatory
5	0101001842	Forecasting techniques in industry	3	3		Obligatory
6	0101001751	Technical economics	3	3		Obligatory
7	0101001842	Occupational safety techniques in industry	2	2		Obligatory
8	0101000615	Management information systems	3	3		Obligatory
9	0101000077	Technical Drawing	2	2		Obligatory
10	0101001843	General Mechanical Engineering	2	2		Obligatory
11	0101000756	Scientific Research Methods	2	2		Obligatory
12	0101000613	Organizational Behavior	3	3		Elective
13	0101001838	Industrial Production Automation	3	3		Elective
14	0101000788	Marketing Management	3	3		Elective
15	0101001839	CAD/CAM/CNC Technology	3	3		Elective
16	0101001877	Technology Management	3	3		Elective
Specialized Knowledge			42+6	45	7	
17	0101001868	Industrial Project Management	2	2		Obligatory
18	0101001872	Industrial Project Management - Project	1		1	Obligatory
19	0101001867	Human resource management	2	2		Obligatory
20	0101001870	Quality management	3	3		Obligatory
21	0101001834	Production management	3	3		Obligatory
22	0101001835	Applied Informatics in Industrial Management	3	2	1	Obligatory
23	0101001845	Industrial system location and layout design	2	2		Obligatory
24	0101002691	Industrial system location and layout design - Project	1		1	Obligatory

No	Course code	Course name	Number of credits	Theory	Practice	Category
25	0101002121	English for Industrial Management 1	3	3		Obligatory
26	0101002692	English for Industrial Management 2	3	3		Obligatory
27	0101001842	Maintenance management & engineering	3	2	1	Obligatory
28	0101001866	Supply Chain Management	3	3		Obligatory
29	0101001841	Work Measurement and Design	3	3		Obligatory
30	0101001879	Lean Manufacturing	2	2		Obligatory
31	0101002692	Lean Manufacturing – Internship	1		1	Obligatory
32	0101000668	Entrepreneurship and Innovation	2	2		Obligatory
33	0101001840	Product Research and Development	2	2		Obligatory
34	0101001844	Industrial Systems Modelling and Simulation Techniques	3	2	1	Obligatory
35	0101001842	Business Risk Management	3	3		Elective
36	0101000626	Management Accounting	3	3		Elective
37	0101000792	Financial Management	3	3		Elective
38	0101002120	Industrial Economics	3	3		Elective
39	0101000814	Investment Project Preparation and Appraisal	3	3		Elective
40	0101000752	Business Analysis	3	3		Elective
41	0101001780	IoT Technology and Applications	3	3		Elective
42	0101001878	Systems Engineering	3	3		Elective
Graduation Internship			4			
43	0101001880	Graduation Internship (Industrial Management)	4		4	Obligatory
Graduation Thesis/Replacement Subjects			6			
44	0101001881	Graduation Thesis (Industrial Management)	6		6	Elective
45	0101000692	Economic Law	2	2		Elective
46	0101000847	E-commerce	2	2		Elective
47	0101000857	Corporate culture and business ethics	2	2		Elective
48	0101000775	Strategic management	3	3		Elective
49	0101000793	Brand management	3	3		Elective

No	Course code	Course name	Number of credits	Theory	Practice	Category
50	0101001875	Production and service coordination techniques	3	3		Elective