

<https://cem.hcmiu.edu.vn/wp-content/uploads/2023/12/2023-CM-Curriculum-4.5-Years.pdf> IU CM CURRICULUM – LEVEL IE0 (IELTS ≤ 4.0/ TOEFL iBT ≤ 34)

Freshman Year					
<i>Semester 1</i>			<i>Semester 2</i>		
ENTP00	IE0	17	ENTP02	IE2	13
ENTP01	IE1	17	PE015IU	Philosophy of Marxism and Leninism	3
			PE016IU	Political economics of Marxism and Leninism	2
			PT001IU	Physical Training 1	3
Total Credits			34	Total Credits	
				21	
Summer Semester 1					
1.	EN007IU	Writing AE1	2		
2.	EN008IU	Listening AE1	2		
3.	PT002IU	Physical Training 2	3		
4.	MA001IU	Calculus 1	4		
Sophomore Year					
<i>Semester 3</i>			<i>Semester 4</i>		
EN011IU	Writing AE2	2	BA003IU	Principles of Marketing	3
EN012IU	Speaking AE2	2	CE106IU	Soil mechanics and foundation	3
PH013IU	Physics 1	2	PE020IU	Engineering Ethics and Professional Skills	3
CM301IU	Operation Management in Construction	3	CM302IU	Construction Procurement and Tendering	3
BA167IU	Introduction to Vietnamese Legal Systems	3	PE008IU	Critical Thinking	3
PE017IU	Scientific Socialism	2	CE209IU	Structural Analysis 1	2
MA003IU	Calculus 2	4	CE210IU	Construction Materials	3
CE105IU	Engineering Mechanics and Mechanics of Materials	3	PE018IU	History of Vietnamese Communist Party	2
CM201IU	Introduction to Construction Management	3	PE019IU	Ho Chi Minh's Thoughts	2
Total Credits			24	Total Credits	
				24	
Summer Semester 2					
1.	MP001IU	Military Training			
Junior Year					
<i>Semester 5</i>			<i>Semester 6</i>		
CM305IU	Construction Cost Management	3	CM303IU	Construction Planning and Scheduling	3
CM202IU	Construction Measurement and Cost Estimating	3	CM304IU	Construction measurement and Cost Estimating Project	1
BA171IU	Risk Management	3	CM308IU	Project Feasibility Study and Appraisal	3
CE103IU	Computer-Aided Design and Drafting (CADD)	3	CM310IU	Building Information Management	3
CE305IU	Steel Structures	3	CM311IU	Construction project management (PMBOK extension)	3
CE304IU	Reinforced concrete 1	3	BA080IU	Statistics for Business	3
CE104IU	Practice CADD	1	CE307IU	Surveying	2
CM203IU	Construction Management Project	1	CM309IU	Construction Economics	3
..... IU	IU Elective 1 (list C)	3	BA168IU	Quantitative method for Business	3
Total Credits			23	Total Credits	
				24	
Summer Semester 3					
	CM306IU	Internship (3 crds)			
Senior Year					
<i>Semester 7</i>			<i>Semester 8</i>		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
CM307IU	Construction Planning and Scheduling Project	1	BA098IU	Leadership	3
CM....._	CM Elective 1 (list A)	3	BA156IU	Human Resource Management	3
CM....._	CM Elective 2 (list A)	3	CM420IU	Graduation Thesis	10
CM....._	CM Elective 3 (list A)	3			
CM....._	CM Elective 4 (list B)	1			

Construction Project Management Minor

CM402IU	Construction Jobsite Management	3
CM404IU	Contract Management – FIDIC contracts	3

Construction Management Minor

CM403IU	Value Engineering	3
CE311IU	Construction Engineering	3

Total Credit* 20**Total Credits* 19****Total credits: 203**

IU CM CURRICULUM – LEVEL IE1 (IETLS 4.5/ TOEFL iBT 35-45)

Freshman Year					
Semester 1			Semester 2		
ENTP01	IE1	17	EN007IU	Writing AE1	2
ENTP02	IE2	13	EN008IU	Listening AE1	2
			CE307IU	Surveying	2
			PE015IU	Philosophy of Marxism and Leninism	3
			PE016IU	Political economics of Marxism and Leninism	2
			CM201IU	Introduction to Construction Management	3
			MA001IU	Calculus 1	4
			PT001IU	Physical Training 1	3
Total Credits			30	Total Credits	
				21	

Summer Semester 1					
1.	PE017IU	Scientific Socialism	2		
2.	PH013IU	Physics 1	2		
3.	MA003IU	Calculus 2	4		
4.	PT002IU	Physical Training 2	3		

Sophomore Year					
Semester 3			Semester 4		
EN011IU	Writing AE2	2	CE106IU	Soil mechanics and foundation	3
EN012IU	Speaking AE2	2	BA156IU	Human Resource Management	3
CM301IU	Operation Management in Construction	3	BA003IU	Principles of Marketing	3
BA167IU	Introduction to Vietnamese Legal Systems	3	CM302IU	Construction Procurement and Tendering	3
PE019IU	Ho Chi Minh's Thoughts	2	PE020IU	Engineering Ethics and Professional Skills	3
PE018IU	History of Vietnamese Communist Party	2	CE209IU	Structural Analysis 1	2
PE008IU	Critical Thinking	3	CE210IU	Construction Materials	3
CE105IU	Engineering Mechanics and Mechanics of Materials	3	CM203IU	Construction Management Project	1
Total Credits			20	Total Credits	
				21	

Summer Semester 2					
1.	MP001IU	Military Training			

Junior Year					
Semester 5			Semester 6		
CM202IU	Construction Measurement and Cost Estimating	3	BA168IU	Quantitative method for Business	3
CM305IU	Construction Cost Management	3	CM308IU	Project Feasibility Study and Appraisal	3
CE305IU	Steel Structures	3	CM310IU	Building Information Management	3
CE304IU	Reinforced concrete 1	3	CM311IU	Construction project management (PMBOK extension)	3
BA171IU	Risk Management	3	CM309IU	Construction Economics	3
CE103IU	Computer-Aided Design and Drafting (CADD)	3	BA080IU	Statistics for Business	3
CE104IU	Practice CADD	1	CM303IU	Construction Planning and Scheduling	3
..... IU	IU Elective 1 (list C)	3	CM304IU	Construction measurement and Cost Estimating Project	1
Total Credits			22	Total Credits	
				22	

Summer Semester 3					
	CM306IU	Internship (3 crds)			

Senior Year					
Semester 7			Semester 8		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
CM307IU	Construction Planning and Scheduling Project	1	BA098IU	Leadership	3
CM....._	CM Elective 1 (list A)	3	CM420IU	Graduation Thesis	10
CM....._	CM Elective 2 (list A)	3			

CM....._	CM Elective 3 (list A)	3	
CM....._	CM Elective 4 (list B)	1	
Construction Project Management Minor			
CM402IU	Construction Jobsite Management	3	
CM404IU	Contract Management – FIDIC contracts	3	
Construction Management Minor			
CM403IU	Value Engineering	3	
CE311IU	Construction Engineering	3	
		Total Credit	20
			Total Credits 16

Total credits: 186

IU CM CURRICULUM – LEVEL IE2 (IELTS 5.0/ TOEFL iBT 46-60)

Freshman Year					
Semester 1			Semester 2		
ENTP02	IE2	13	EN007IU	Writing AE1	2
MA001IU	Calculus 1	4	EN008IU	Listening AE1	2
PE015IU	Philosophy of Marxism and Leninism	3	PE008IU	Critical Thinking	3
PE016IU	Political economics of Marxism and Leninism	2	CM201IU	Introduction to Construction Management	3
			PE020IU	Engineering Ethics and Professional Skills	3
			CE210IU	Construction Materials	3
			PT001IU	Physical Training 1	3
			PE017IU	Scientific Socialism	2
Total Credits			22	Total Credits	
21					
Summer Semester 1					
1.	PE018IU	History of Vietnamese Communist Party	2		
2.	PE019IU	Ho Chi Minh's Thoughts	2		
3.	PH013IU	Physics 1	2		
4.	MA003IU	Calculus 2	4		
Sophomore Year					
Semester 3			Semester 4		
EN011IU	Writing AE2	2	CE106IU	Soil mechanics and foundation	3
EN012IU	Speaking AE2	2	CE209IU	Structural Analysis 1	2
BA003IU	Principles of Marketing	3	BA080IU	Statistics for Business	3
CE105IU	Engineering Mechanics and Mechanics of Materials	3	CM302IU	Construction Procurement and Tendering	3
CM301IU	Operation Management in Construction	3	CM202IU	Construction Measurement and Cost Estimating	3
BA167IU	Introduction to Vietnamese Legal Systems	3	CM203IU	Construction Management Project	1
CE103IU	Computer-Aided Design and Drafting (CADD)	3	CE307IU	Surveying	2
CE104IU	Practice CADD	1	PT002IU	Physical Training 2	3
Total Credits			20	Total Credits	
20					
Summer Semester 2					
1.	MP001IU	Military Training			
Junior Year					
Semester 5			Semester 6		
CE305IU	Steel Structures	3	CM307IU	Construction Planning and Scheduling Project	1
CE304IU	Reinforced concrete 1	3	BA156IU	Human Resource Management	3
CM303IU	Construction Planning and Scheduling	3	CM308IU	Project Feasibility Study and Appraisal	3
CM304IU	Construction measurement and Cost Estimating Project	1	CM310IU	Building Information Management	3
CM305IU	Construction Cost Management	3	CM311IU	Construction project management (PMBOK extension)	3
BA171IU	Risk Management	3	BA168IU	Quantitative method for Business	3
..... IU	IU Elective 1 (list C)	3	CM309IU	Construction Economics	3
Total Credits			19	Total Credits	
19					
Summer Semester 3					
	CM306IU	Internship (3 crds)			
Senior Year					
Semester 7			Semester 8		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
CM....._	CM Elective 1 (list A)	3	BA098IU	Leadership	3
CM....._	CM Elective 2 (list A)	3	CM420IU	Graduation Thesis	10
CM....._	CM Elective 3 (list A)	3			
CM....._	CM Elective 4 (list B)	1			

Construction Project Management Minor

CM402IU	Construction Jobsite Management	3
CM404IU	Contract Management – FIDIC contracts	3

Construction Management Minor

CM403IU	Value Engineering	3
CE311IU	Construction Engineering	3

<i>Total Credit</i>		19	<i>Total Credits</i>	16
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Total credits: 169

IU CM CURRICULUM – LEVEL IE2-IE2 (TOEFL iBT 46-59)

Freshman Year					
<i>Semester 1</i>			<i>Semester 2</i>		
ENTP02	IE2	13	EN007IU	Writing AE1	2
ENTP02-1	IE2	13	EN008IU	Listening AE1	2
MA001IU	Calculus 1	4	CM201IU	Introduction to Construction Management	3
			PE015IU	Philosophy of Marxism and Leninism	3
			PE016IU	Political economics of Marxism and Leninism	2
			PT001IU	Physical Training 1	3
			PE008IU	Critical Thinking	3
			PE020IU	Engineering Ethics and Professional Skills	3
Total Credits			30	Total Credits	
				21	

Summer Semester 1					
1.	PE017IU	Scientific Socialism	2		
2.	PH013IU	Physics	2		
3.	MA003IU	Calculus 2	4		
4.	PT002IU	Physical Training 2	3		

Sophomore Year					
<i>Semester 3</i>			<i>Semester 4</i>		
EN011IU	Writing AE2	2	CE106IU	Soil mechanics and foundation	3
EN012IU	Speaking AE2	2	CE210IU	Construction Materials	3
BA003IU	Principles of Marketing	3	CE209IU	Structural Analysis 1	2
CE105IU	Engineering Mechanics and Mechanics of Materials	3	CM302IU	Construction Procurement and Tendering	3
CM301IU	Operation Management in Construction	3	CM202IU	Construction Measurement and Cost Estimating	3
BA167IU	Introduction to Vietnamese Legal Systems	3	BA156IU	Human Resource Management	3
PE018IU	History of Vietnamese Communist Party	2	BA080IU	Statistics for Business	3
PE019IU	Ho Chi Minh's Thoughts	2			
CM203IU	Construction Management Project	1			
Total Credits			21	Total Credits	
				20	

Summer Semester 2					
1.	MP001IU	Military Training			

Junior Year					
<i>Semester 5</i>			<i>Semester 6</i>		
CE305IU	Steel Structures	3	CM307IU	Construction Planning and Scheduling Project	1
CE304IU	Reinforced concrete 1	3	CM309IU	Construction Economics	3
CM303IU	Construction Planning and Scheduling	3	CM308IU	Project Feasibility Study and Appraisal	3
CM304IU	Construction measurement and Cost Estimating Project	1	CM310IU	Building Information Management	3
CM305IU	Construction Cost Management	3	CM311IU	Construction project management (PMBOK extension)	3
BA171IU	Risk Management	3	BA168IU	Quantitative method for Business	3
CE103IU	Computer-Aided Design and Drafting (CADD)	3	CE307IU	Surveying	2
CE104IU	Practice CADD	1	..... IU	IU Elective 1 (list C)	3
Total Credits			20	Total Credits	
				21	

Summer Semester 3					
CM306IU	Internship (3 crds)				

Senior Year					
<i>Semester 7</i>			<i>Semester 8</i>		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
CM.....	CM Elective 1 (list A)	3	BA098IU	Leadership	3

CM....._	CM Elective 2 (list A)	3	CM420IU	Graduation Thesis	10
CM....._	CM Elective 3 (list A)	3			
CM....._	CM Elective 4 (list B)	1			
Construction Project Management Minor					
CM402IU	Construction Jobsite Management	3			
CM404IU	Contract Management – FIDIC contracts	3			
Construction Management Minor					
CM403IU	Value Engineering	3			
CE311IU	Construction Engineering	3			
Total Credit		19	Total Credits		16

Total credits: 182

IU CM CURRICULUM – LEVEL IE2-IE2-IE2 (IELTS 5.0/ TOEFL iBT 46-60)

Freshman Year					
Semester 1			Semester 2		
ENTP02	IE2	13	ENTP02-2	IE2	13
ENTP02-1	IE2	13	PE015IU	Philosophy of Marxism and Leninism	3
MA001IU	Calculus 1	4	PE016IU	Political economics of Marxism and Leninism	2
PT001IU	Physical Training 1	3	MA003IU	Calculus 2	4
Total Credits			33	Total Credits	
22					
Summer Semester 1					
1.	PE017IU	Scientific Socialism	2		
2.	PH013IU	Physics 1	2		
3.	EN007IU	Writing AE1	2		
4.	EN008IU	Listening AE1	2		
Sophomore Year					
Semester 3			Semester 4		
EN011IU	Writing AE2	2	CE106IU	Soil mechanics and foundation	3
EN012IU	Speaking AE2	2	PE008IU	Critical Thinking	3
CE105IU	Engineering Mechanics and Mechanics of Materials	3	CM302IU	Construction Procurement and Tendering	3
PE020IU	Engineering Ethics and Professional Skills	3	CE209IU	Structural Analysis 1	2
CM301IU	Operation Management in Construction	3	CM202IU	Construction Measurement and Cost Estimating	3
BA167IU	Introduction to Vietnamese Legal Systems	3	PE018IU	History of Vietnamese Communist Party	2
CM201IU	Introduction to Construction Management	3	CE210IU	Construction Materials	3
PT002IU	Physical Training 2	3	PE019IU	Ho Chi Minh's Thoughts	2
Total Credits			22	Total Credits	
21					
Summer Semester 2					
1.	MP001IU	Military Training			
Junior Year					
Semester 5			Semester 6		
CM303IU	Construction Planning and Scheduling	3	CM307IU	Construction Planning and Scheduling Project	1
CM304IU	Construction measurement and Cost Estimating Project	1	BA156IU	Human Resource Management	3
CM305IU	Construction Cost Management	3	CM308IU	Project Feasibility Study and Appraisal	3
BA171IU	Risk Management	3	CM310IU	Building Information Management	3
CE103IU	Computer-Aided Design and Drafting (CADD)	3	CM311IU	Construction project management (PMBOK extension)	3
CE104IU	Practice CADD	1	BA003IU	Principles of Marketing	3
CE305IU	Steel Structures	3	CE307IU	Surveying	2
CE304IU	Reinforced concrete 1	3	CM309IU	Construction Economics	3
..... IU	IU Elective 1 (list C)	3	BA168IU	Quantitative method for Business	3
CM203IU	Construction Management Project	1			
Total Credits			24	Total Credits	
24					
Summer Semester 3					
CM306IU	Internship (3 crds)				
Senior Year					
Semester 7			Semester 8		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
BA080IU	Statistics for Business	3	BA098IU	Leadership	3
CM....._	CM Elective 1 (list A)	3	CM420IU	Graduation Thesis	10
CM....._	CM Elective 2 (list A)	3			
CM....._	CM Elective 3 (list A)	3			
CM....._	CM Elective 4 (list B)	1			
Construction Project Management Minor					

CM402IU	Construction Jobsite Management	3	
CM404IU	Contract Management – FIDIC contracts	3	
Construction Management Minor			
CM403IU	Value Engineering	3	
CE311IU	Construction Engineering	3	
		<i>Total Credit</i>	<i>Total Credits</i> 16

Total credits: 195

IU CM CURRICULUM – LEVEL AE1 (IELTS ≥ 5.5/ TOEFL iBT ≥ 61)

Freshman Year					
Semester 1			Semester 2		
EN007IU	Writing AE1	2	EN011IU	Writing AE2	2
EN008IU	Listening AE1	2	EN012IU	Speaking AE2	2
MA001IU	Calculus 1	4	CM201IU	Introduction to Construction Management	3
PH013IU	Physics 1	2	PE015IU	Philosophy of Marxism and Leninism	3
CE105IU	Engineering Mechanics and Mechanics of Materials	3	PE016IU	Political economics of Marxism and Leninism	2
CE103IU	Computer-Aided Design and Drafting (CADD)	3	CE209IU	Structural Analysis 1	2
CE104IU	Practice CADD	1	CE210IU	Construction Materials	3
PT001IU	Physical Training 1	3	PT002IU	Physical Training 2	3
Total Credits			Total Credits		
20			20		

Summer Semester 1	
1. PE017IU	Scientific Socialism
2. MA003IU	Calculus 2

Sophomore Year					
Semester 3			Semester 4		
CE305IU	Steel Structures	3	CE106IU	Soil mechanics and foundation	3
CE304IU	Reinforced concrete 1	3	PE008IU	Critical Thinking	3
CM301IU	Operation Management in Construction	3	BA003IU	Principles of Marketing	3
BA167IU	Introduction to Vietnamese Legal Systems	3	CM302IU	Construction Procurement and Tendering	3
CM203IU	Construction Management Project	1	CM202IU	Construction Measurement and Cost Estimating	3
PE018IU	History of Vietnamese Communist Party	2	PE020IU	Engineering Ethics and Professional Skills	3
PE019IU	Ho Chi Minh's Thoughts	2			
Total Credits			Total Credits		
17			18		

Summer Semester 2	
1. MP001IU	Military Training

Junior Year					
Semester 5			Semester 6		
BA168IU	Quantitative method for Business	3	CM307IU	Construction Planning and Scheduling Project	1
CM303IU	Construction Planning and Scheduling	3	BA156IU	Human Resource Management	3
CM304IU	Construction measurement and Cost Estimating Project	1	CM308IU	Project Feasibility Study and Appraisal	3
CM305IU	Construction Cost Management	3	CM310IU	Building Information Management	3
CM309IU	Construction Economics	3	CM311IU	Construction project management (PMBOK extension)	3
BA171IU	Risk Management	3	BA080IU	Statistics for Business	3
..... IU	IU Elective 1 (list C)	3	CE307IU	Surveying	2
Total Credits			Total Credits		
19			18		

Summer Semester 3	
CM306IU	Internship (3 crds)

Senior Year					
Semester 7			Semester 8		
BA161IU	Business Research Methods	3	..... IU	IU Elective 2 (list C)	3
CM.....	CM Elective 1 (list A)	3	BA098IU	Leadership	3
CM.....	CM Elective 2 (list A)	3	CM420IU	Graduation Thesis	10
CM.....	CM Elective 3 (list A)	3			
CM.....	CM Elective 4 (list B)	1			
Construction Project Management Minor					
CM402IU	Construction Jobsite Management	3			
CM404IU	Contract Management – FIDIC contracts	3			

Construction Management Minor

CM403IU	Value Engineering	3		
CE311IU	Construction Engineering	3		
		Total Credit	19	Total Credits 16

Total credits: 156**CM Elective courses (list A)**

CM405IU	Project communication Management	3
CM406IU	Construction Quality Management	3
CM407IU	Project Integration Management	3
CM408IU	Construction Financial Management	3
CM403IU	Value Engineering	3
CE311IU	Construction Engineering	3
CM404IU	Contract Management – FIDIC contracts	3
BA006IU	Business Communications	3
BA016IU	Fundamental of Financial Management	3
BA018IU	Quality Management	3
BA115IU	Introduction to Business Administration	3

CM Elective courses (list B)

CE403IU	Construction Project	1
CM401IU	Feasibility Study and Appraisal Project	1

IU Elective courses (list C)

BA130IU	Organizational Behavior	3
BA120IU	Business Computing Skills	3
BA005IU	Financial Accounting	3