https://cem.hcmiu.edu.vn/wp-content/uploads/2023/12/2023-CM-Curriculum-4.5-Years.pdfIU CM CURRICULUM – LEVEL IE0 (IELTS \leq 4.0/ TOEFL iBT \leq 34)

Freshman Year						
Semester 1			Semester 2			
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
Sui	mmer Semester 1		
1.	EN007IU Writing AE1	2	
2.	EN008IU Listening AE1	2	
3.	PT002IU Physical Training 2	3	
4.	MA001IU Calculus 1	4	

		Soph	omore Year		
Semester 3			Semester 4		
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

		Ju	nior Year		
Semester 5			Semester 6		
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							
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	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

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

		Fres	hman 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	2
				Leninism	2
			CM201IU	Introduction to Construction	3
			CM20110	Management	3
			MA001IU	Calculus 1	4
			PT001IU	Physical Training 1	3
	T . 1 C . 1.	20		T . 1.C . 1':	21
Summer Seme	Total Credits	30		Total Credits	21
<i>summer seme</i> 1. PE017IU		2			
		2 2			
 PH013IU MA003IU 	Physics 1 J Calculus 2	4			
		3			
4. PT002IU	J Physical Training 2	3			
		Son	homore Yea	r	
Semester 3		Бор	Semester 4		
EN011IU	Writing AE2	2	CE106IU	Soil mechanics and foundation	
EN012IU	Speaking AE2	2	BA156IU	Human Resource Management	
	Operation Management in	_		· ·	
CM301IU	Construction	3	BA003IU	Principles of Marketing	
	Introduction to Vietnamese				
				Construction Procurement and	
BA167IU		3	CM302IU	Construction Procurement and	
	Legal Systems		21.10.1110	Tendering	
BA167IU PE019IU		3 2	CM302IU PE020IU	Tendering Engineering Ethics and Professional	
PE019IU	Legal Systems Ho Chi Minh's Thoughts	2	PE020IU	Tendering Engineering Ethics and Professional Skills	
	Legal Systems Ho Chi Minh's Thoughts History of Vietnamese		21.10.1110	Tendering Engineering Ethics and Professional	
PE019IU PE018IU	Legal Systems Ho Chi Minh's Thoughts History of Vietnamese Communist Party	2	PE020IU CE209IU	Tendering Engineering Ethics and Professional Skills Structural Analysis 1	:
PE019IU PE018IU PE008IU	Legal Systems Ho Chi Minh's Thoughts History of Vietnamese Communist Party Critical Thinking	2 2 3	PE020IU CE209IU CE210IU	Tendering Engineering Ethics and Professional Skills Structural Analysis 1 Construction Materials	:
PE019IU PE018IU	Legal Systems Ho Chi Minh's Thoughts History of Vietnamese Communist Party Critical Thinking Engineering Mechanics and	2	PE020IU CE209IU	Tendering Engineering Ethics and Professional Skills Structural Analysis 1	
PE019IU PE018IU PE008IU	Legal Systems Ho Chi Minh's Thoughts History of Vietnamese Communist Party Critical Thinking	2 2 3	PE020IU CE209IU CE210IU	Tendering Engineering Ethics and Professional Skills Structural Analysis 1 Construction Materials	

	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				

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

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

a		Fres	shman Year		
Semester 1			Semester 2 EN007IU	Writing AE1	2
ENTP02	IE2	13	EN0071U EN008IU	Listening AE1	2
MA001IU	Calculus 1	4	PE008IU	Critical Thinking	3
PE015IU	Philosophy of Marxism and Leninism	3	CM201IU	Introduction to Construction Management	3
PE016IU	Political economics of Marxism and Leninism	2	PE020IU	Engineering Ethics and Professional Skills	3
	Wataishi and Echinishi		CE210IU	Construction Materials	3
			PT001IU	Physical Training 1	3
			PE017IU	Scientific Socialism	2
	Total Credits	22		Total Credits	21
Summer Seme 1. PE018IU Communi	History of Vietnamese	2			
2. PE019IU	Ho Chi Minh's Thoughts	2			
	Physics 1 J Calculus 2	2			
4. MA003IU	Calculus 2	4			
		Sop	homore Yea		
Semester 3 EN011IU	Writing AE2	2	Semester 4 CE106IU	Soil mechanics and foundation	3
EN011IU 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
CN 1201 H I	Operation Management in	2	C) (2021)	Construction Measurement and Cost	_
CM301IU	Construction	3	CM202IU	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 Seme 1. MP001IU	e <mark>ster 2</mark> J Military Training				
		J	unior 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	3
BA171IU	Risk Management	3	BA168IU	(PMBOK extension) Quantitative method for Business	3
IU	IU Elective 1 (list C)	3	CM309IU	Construction Economics	3
	Total Credits	19		Total Credits	19
Summer Seme CM306IU Inte	ester 3 ernship (3 crds)				
g		S	enior Year		
Semester 7 BA161IU	Business Research Methods	3	Semester 8	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	1
CM	CM Elective 3 (list A)	3			
CM	CM Elective 4 (list B)	1			

Construction	n Project Management Minor			
CM402IU	Construction Jobsite	3		
CIVI+0210	Management	3		
CM404IU	Contract Management – FIDIC	3		
CIVI40410	contracts	3		
Construction	n Management Minor			
CM403IU	Value Engineering	3		
CE311IU	Construction Engineering	3		
	Total Credit	10	Total Credits	16

Total Credits

20

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

Total Credits

		Fre	shman Year	•	
Semester 1			Semester 2		
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 Sem	ester 1				
1. PE017IU	J Scientific Socialism	2			
DITO 1 2 II	T DI '	2			

Sui	nmer Semes	ter 1	
1.	PE017IU	Scientific Socialism	2
2.	PH013IU	Physics	2
3.	MA003IU	Calculus 2	4
4.	PT002IU	Physical Training 2	3

		Soph	omore Year		
Semester 3			Semester 4		
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			

Summer Semester 2

1. MP001IU Military Training

		Ju	nior Year		
Semester 5			Semester 6		
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						
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	

2021-2022	

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	3				
CIVI40210	Management	3				
CM404IU	Contract Management – FIDIC	3				
CIVITOTIC	contracts	3				
Construction	Management Minor					
CM403IU	Value Engineering	3				
CE311IU	Construction Engineering	3				
	Total Credit	19			Total Credits	16

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 Seme	~~~ -						
1. PE017IU	Scientific Socialism	2					
2. PH013IU	Physics 1	2					
3. EN007IU	Writing AE1	2					
4. EN008IU	Listening AE1	2					
		Sop	homore Yea	r			
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				

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						

24

Total Credits

24

Total Credits

				2021-2022
CM402IU	Construction Jobsite Management	3		
CM404IU	Contract Management – FIDIC contracts	3		
Construction	n Management Minor			
CM403IU	Value Engineering	3		
CE311IU	Construction Engineering	3		

22

Total Credit

Total Credits 16

Total Credits 20

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

Total Credits

20

2

4

		Fre	shman 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

Summer Semester 1

1. PE017IU Scientific Socialism

2. MA003IU Calculus 2

-		Soph	omore 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	17		Total Credits	18

Summer Semester 2

1. MP001IU Military Training

		Ju	nior 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	19		Total Credits	18

Summer Semester 3

CM306IU Internship (3 crds)

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

Construction Management Minor

	Total Credit	10
CE311IU	Construction Engineering	3
CM403IU	Value 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