

**Faculty of Science and Technology**  
**Department of Financial Technology**  
**Bachelor's Degree (Four-Year) Major in Financial Technology**  
**Name of Awarding (Bachelor of Science in FinTech)**

YEAR ONE (FOUNDATION YEAR)				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 1</b>				
1	CS 101	A+	3 (2-1-0)	-
2	ENG 106	English for Computing	3 (2-1-0)	-
3	KHM 101	Khmer Studies	3 (3-0-0)	-
4	MAT 101	Mathematics for Computing	3 (2-1-0)	-
5	MIT 101	Business IT and Fintech Concept	3 (3-0-0)	-
<b>Total</b>			<b>15 (12-3-0)</b>	
YEAR ONE (FOUNDATION YEAR)				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 2</b>				
1	CS 105	Web Design	3 (2-1-0)	-
2	CS 106	C# .NET Programming	6 (4-2-0)	MAT 101
3	CS 107	SQL Server	6 (4-2-0)	MAT 101
<b>Total</b>			<b>15 (10-5-0)</b>	
YEAR TWO				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 1</b>				
1	CS 211	UX/UI Design	3 (2-1-0)	-
2	CS 212	Web Development I	3 (2-1-0)	CS 106
3	CS 213	Data Structure & Algorithm	3 (2-1-0)	MAT 101, CS 106
4	CS 214	Java Programming	6 (4-2-0)	CS 106
<b>Total</b>			<b>15 (10-5-0)</b>	
YEAR TWO				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 2</b>				
1	CS 216	Web Development II	3 (2-1-0)	CS 212
2	CS 217	API-Web Service	3 (2-1-0)	CS 212
3	CS 218	Mobile App. Dev. for Android	6 (4-2-0)	CS 214
4	CS 219	Oracle	3 (2-1-0)	CS 107
<b>Total</b>			<b>15 (10-5-0)</b>	
YEAR THREE				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 1</b>				
1	ACC 305	Financial Accounting I	3 (2-1-0)	-
2	CS 321	Mobile App. Dev. for iOS	6 (4-2-0)	CS 106
3	IT 301	Server Administration I	3 (2-1-0)	CS 211
4	STA 308	Data Analytics	3 (2-1-0)	-
<b>Total</b>			<b>15 (10-5-0)</b>	
YEAR THREE				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 2</b>				
1	ACC 306	Financial Accounting II	3 (2-1-0)	ACC 305
2	FIN 311	Financial Market and Institutions	3 (3-0-0)	-
3	IS 310	Soft Skills in Digital Era	3 (3-0-0)	-
4	IT 302	Server Administration II	3 (2-1-0)	IT 301
5	IT 322	Computer Accounting	3 (2-1-0)	-
<b>Total</b>			<b>15 (12-3-0)</b>	

YEAR FOUR				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 1</b>				
1	CS 431	Cloud Technology	3 (2-1-0)	IT 301
2	FIN 406	Financial Management I	3 (2-1-0)	ACC 306, STA 308
3	IT 411	Project Management	3 (2-1-0)	-
4	IT 412	Financial Application Design	3 (2-1-0)	-
5	RES 408	Research Methods in Science and Technology	3 (2-1-0)	STA 308
<b>Total</b>			<b>15 (10-5-0)</b>	
YEAR FOUR				
No.	Course Code	Course Title	Credits	Prerequisite
<b>Semester 2</b>				
1	FIN 407	Financial Management II	3 (2-1-0)	FIN 406
2	IT 419	Management Information System	3 (3-0-0)	-
3	ETC 405	Three Electives Courses <sup>(1)</sup>	9 (6-3-0)	TPGA < 3.60
	or			
	THS 408	Thesis <sup>(2)</sup>	9 (2-3-4)	RES 408, TGPA ≥ 3.60
<b>Total</b>			<b>15</b>	

**Noted:**

- (1) All students can choose 3 (1 course equal 3 credits) among of 5: Financial Auditing (FIN 419), Personal Financial (FIN 420), Cyber Security (IT 416), Financial Statement Analysis (FIN 410) or The Art of Communication (AOC 401) for graduate.
  - (2) All students who get the Total Grade Point Average (TGPA) more than 3.60 can writing the thesis (individual) equal 15 credits for graduate.
- L (Lecture) = (1 credit= 15 hours); P (Practice) = (1 credit= 30 hours); and F (Fieldwork) = (1 credit= 45 hours)

Elective Courses			
No.	Course Code	Course Title	Credits
<b>Semester 2</b>			
1	AOC 401	The Art of Communication	3 (3-0-0)
2	FIN 410	Financial Statement Analysis	3 (2-1-0)
3	FIN 419	Financial Auditing	3 (3-0-0)
4	FIN 420	Personal Finance	3 (2-1-0)
5	IT 416	Cyber Security	3 (2-1-0)

Foundation Year	Year II	Year III	Year IV	Total
<b>30 Credits</b>	<b>30 Credits</b>	<b>30 Credits</b>	<b>30 Credits</b>	<b>120 Credits</b>