For students admitted from academic year 2023/2024 (B-C3-XXXX-X students) Updated on 08/08/2023

Major in Bachelor of Science in Finance- FNC20

Students are strongly advised to check the enrolment records each semester in order to secure the graduation requirement has been fulfilled. You may print out this study plan and cross-check with your enrolment records. Should you have any doubts on the below study plan, please approach the FBA General Office for confirmation.

Subject to the actual courses offered, FBA and Department reserve the rights to make adjustments

* Course Type   CM : Compulsory/Major Course
GE : General Education Course
RE : Required Elective
FE : Free Elective

E1 A Plan

First Year - UF1

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO1000	Principles of Microeconomics	3	CM	X	
CPED1000	Residential College Experiential Learning	1	CM	X	X
CPED1001	Physical Education I	0.5	CM	X	
1 "Chinese or Portuguese Language" Course					
CHLL1000	University Chinese	3	CM / FE	X	
PORT1000	Portuguese Language I – Introductory Portuguese				
1 Free Elective					
2 "English Language" Courses					
EELC1011	University English I	3	CM	X	
EELC1008	Grammar and Writing Improvement I	3			
1 General Education Course (GELH1000)		3	GE	X	
1 "Information Technology" Course					
CISC1000	Information Technology Fundamentals and Practices	3	CM		X
CPED1002	Physical Education II	0.5	CM		X
1 "English Language" Course					
EELC1012	University English II	3	CM		X
GEST1001	Quantitative Reasoning for Business	3	GE		X
ACCT1000	Principles of Financial Accounting	3	CM		X
MGMT1000	Principles of Business Management	3	CM		X
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CPED1000 is a <u>yearly</u> course.
Students can test out of the Chinese and/or Portuguese language course(s) if they obtain certain qualifications and should enroll course as follows:
a) *Test out **EITHER** Chinese Language Course **OR** Portuguese Language Course* : One 3-credit free elective in the first semester of first year of study
b) *Test out **NEITHER** Chinese Language Course **NOR** Portuguese Language Course* : CHLL1000 **OR** PORT1000 in the first semester of first year of study
Test out information: https://reg.um.edu.mo/current-students/ugmodel/lang_skills/
***Students can test out of some or all of the 3 English language courses and are required to take English courses according to assigned level, one course in each semester
from the first semester of first year of study to the first semester of second year of study.
a) *Placement level "E1a":* EELC1011 + Tutorial class + EELC1008 in 1st semester, EELC1012 + Tutorial class in 2nd semester, and EELC1013 in Year two.
b) *Placement level "E1b" :* EELC1011 + Tutorial class in 1st semester, EELC1012 + Tutorial class in 2nd semester, and EELC1013 in Year two.
Test out information: https://reg.um.edu.mo/current-students/curriculum-model/ug-curriculum-model/languages-and-skills/

Students are required to take GE courses as follows in order to graduate:

General Education Area	Course Requirement (Two Courses from Each Area)
Global Awareness	GEGA1000 – Macao and Chinese Civilization *(compulsory)*
	1 course from the list other than GEGA1000
Literature and Humanities	GELH1000 – Chinese Language and Culture *(compulsory)*
	1 course from the list other than GELH1000
Science and Technology	GEST1001 – Quantitative Reasoning for Business *(compulsory)*
	1 course from the list other than GEST1001
Society and Behaviour	GESB1000 – Ethics, Values, Law and Society *(compulsory)*
	1 course from the list other than GESB1000 (GESB1001/1002/1003)

Second Year - UF2

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
1 "English Language" Course					
EELC1013	University English III	3	CM	X	
BECO1001	Principles of Macroeconomics	3	CM	X	
FINC2003	Corporate Finance	3	CM	X	
ISOM2002	Statistics and Data Analysis	3	CM	X	
ISOM2005	Linear Algebra	3	CM	X	
1 General Education Course		3	GE	X	
CPED2001	Residential College Community Team Project	1	CM		X
BECO2000	Intermediate Economics	3	CM		X
ISOM1004	Applied Calculus	3	CM		X
FINC3004	Portfolio Management	3	CM		X
MGMT2000	Business Communications	3	CM		X

E1 B Plan

First Year - UF1

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO1000	Principles of Microeconomics	3	CM	X	
CPED1000	Residential College Experiential Learning	1	CM	X	X
CPED1001	Physical Education I	0.5	CM	X	
1 "Chinese or Portuguese Language" Course					
CHLL1000	University Chinese	3	CM / FE	X	
PORT1000	Portuguese Language I – Introductory Portuguese				
1 Free Elective					
1 "English Language" Course					
EELC1011	University English I	3	CM	X	
1 General Education Course (GELH1000)		3	GE	X	
GEST1001	Quantitative Reasoning for Business	3	GE	X	
1 "Information Technology" Course					
CISC1000	Information Technology Fundamentals and Practices	3	CM		X
CPED1002	Physical Education II	0.5	CM		X
1 "English Language" Courses					
EELC1012	University English II	3	CM		X
ACCT1000	Principles of Financial Accounting	3	CM		X
ISOM1004	Applied Calculus	3	CM		X
MGMT1000	Principles of Business Management	3	CM		X
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CPED1000 is a <u>yearly</u> course.
Students can test out of the Chinese and/or Portuguese language course(s) if they obtain certain qualifications and should enroll course as follows:
a) *Test out **EITHER** Chinese Language Course **OR** Portuguese Language Course* : One 3-credit free elective in the first semester of first year of study
b) *Test out **NEITHER** Chinese Language Course **NOR** Portuguese Language Course* : CHLL1000 **OR** PORT1000 in the first semester of first year of study
Test out information: https://reg.um.edu.mo/current-students/ugmodel/lang_skills/
***Students can test out of some or all of the 3 English language courses and are required to take English courses according to assigned level, one course in each semester
from the first semester of first year of study to the first semester of second year of study.
a) *Placement level "E1a":* EELC1011 + Tutorial class + EELC1008 in 1st semester, EELC1012 + Tutorial class in 2nd semester, and EELC1013 in Year two.
b) *Placement level "E1b" :* EELC1011 + Tutorial class in 1st semester, EELC1012 + Tutorial class in 2nd semester, and EELC1013 in Year two.
Test out information: https://reg.um.edu.mo/current-students/curriculum-model/ug-curriculum-model/languages-and-skills/

Students are required to take GE courses as follows in order to graduate:

General Education Area	Course Requirement (Two Courses from Each Area)
Global Awareness	GEGA1000 – Macao and Chinese Civilization *(compulsory)*
	1 course from the list other than GEGA1000
Literature and Humanities	GELH1000 – Chinese Language and Culture *(compulsory)*
	1 course from the list other than GELH1000
Science and Technology	GEST1001 – Quantitative Reasoning for Business *(compulsory)*
	1 course from the list other than GEST1001
Society and Behaviour	GESB1000 – Ethics, Values, Law and Society *(compulsory)*
	1 course from the list other than GESB1000 (GESB1001/1002/1003)

Second Year - UF2

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
1 "English Language" Course					
EELC1013	University English III	3	CM	X	
BECO1001	Principles of Macroeconomics	3	CM	X	X
FINC2003	Corporate Finance	3	CM	X	X
ISOM2002	Statistics and Data Analysis	3	CM	X	
ISOM2005	Linear Algebra	3	CM	X	
1 General Education Course		3	GE	X	
CPED2001	Residential College Community Team Project	1	CM		X
BECO2000	Intermediate Economics	3	CM		X
FINC3004	Portfolio Management	3	CM		X
MGMT2000	Business Communications	3	CM		X
MKTG2000	Principles of Marketing	3	CM		X

	MKTG2000	Principles of Marketing	3	CM		X			**1 General Education Course**		3	GE		X
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Third Year - UF3

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO2001	Econometrics I	3	CM	X	
FINC3000	Derivative Securities	3	CM	X	
FINC4008	International Finance & Global Issues	3	CM	X	
ISOM3029	Computer Programming Using C++	3	CM	X	
MGMT3003	Strategic Management	3	CM	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	
FINC3001	Financial Statement Analysis and Valuation	3	CM		X
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE		X
1 General Education Course		3	GE		X
1 General Education Course		3	GE		X
1 Free Elective		3	FE		X
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Third Year - UF3

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO2001	Econometrics I	3	CM	X	
FINC3000	Derivative Securities	3	CM	X	
FINC4008	International Finance & Global Issues	3	CM	X	
ISOM3029	Computer Programming Using C++	3	CM	X	
MGMT3003	Strategic Management	3	CM	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	
FINC3001	Financial Statement Analysis and Valuation	3	CM		X
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE		X
1 General Education Course		3	GE		X
1 General Education Course		3	GE		X
1 Free Elective		3	FE		X
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Fourth Year - UF4

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
FINC4009	Financial Modeling	3	CM	X	
FINC4011	Applied Financial Project (one-year course with 6 credits)	6	CM	X	X
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	
1 General Education Course		3	GE	X	
1 Free Elective		3	FE	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE		X
1 General Education Course		3	GE		X
1 General Education Course		3	GE		X
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Fourth Year - UF4

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
FINC4009	Financial Modeling	3	CM	X	
FINC4011	Applied Financial Project (one-year course with 6 credits)	6	CM	X	X
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	
1 General Education Course		3	GE	X	
1 Free Elective		3	FE	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE		X
1 General Education Course		3	GE		X
1 Free Elective		3	FE		X
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Finance Required Elective Courses

BECO3006	Money and Banking
BECO3011	Financial Econometrics
BECO4014	International Banking
FINC3002	Theory of Finance
FINC3003	Financial Markets and Institutions
FINC4001	Case Studies in Corporate Finance
FINC4003	Risk and Insurance
FINC4004	Mergers and Acquisitions
FINC4005	Fixed Income Securities
FINC4006	Real Estate Investment and Financing
FINC4007	Behavioral Finance
FINC4010	Bank Management
FINC4012	Financial Risk Management
FINC4013	Advanced Financial Mathematics
FINC4014	Exotic Options and Structured Products
ISOM3033	Advanced Calculus

E1a Third Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
BECO2001	Econometrics I	3	CM	X	
ISOM3029	Computer Programming Using C++	3	CM	X	
FINC3000	Derivative Securities	3	CM	X	
FINC4008	International Finance & Global Issues	3	CM	X	
1 General Education Course		3	GE	X	
BECO3011	Financial Econometrics	3	CM		X
FINC4005	Fixed Income Securities	3	CM		X
MGMT3003	Strategic Management	3	CM		X
ISOM3033	Advanced Calculus	3	CM		X
1 General Education Course		3	GE		X
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E1b Third Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
BECO2001	Econometrics I	3	CM	X	
ISOM3029	Computer Programming Using C++	3	CM	X	
FINC3000	Derivative Securities	3	CM	X	
FINC4008	International Finance & Global Issues	3	CM	X	
1 General Education Course		3	GE	X	
BECO3011	Financial Econometrics	3	CM		X
FINC4005	Fixed Income Securities	3	CM		X
MGMT3003	Strategic Management	3	CM		X
ISOM3033	Advanced Calculus	3	CM		X
1 General Education Course		3	GE		X
1 Free Elective Course		3	FE		X
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E1a Fourth Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
FINC4011	Applied Financial Project (one-year course with 6 credits)	6	CM	X	X
FINC4012	Financial Risk Management	3	CM	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	
1 General Education Course		3	GE	X	

E1b Fourth Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
FINC4011	Applied Financial Project (one-year course with 6 credits)	6	CM	X	X
FINC4012	Financial Risk Management	3	CM	X	
1 course selected from the table Bachelor of Science in Finance: Required Electives		3	RE	X	

	Course	Cr	Type		
	1 Free Elective Course	3	FE	X	
	FINC4014 Exotic Options and Structured Products	3	CM		X
	1 General Education Course	3	GE		X
	1 General Education Course	3	GE		X
	1 Free Elective Course	3	FE		X
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	Course	Cr	Type		
	1 General Education Course	3	GE	X	
	1 Free Elective Course	3	FE	X	
	FINC4014 Exotic Options and Structured Products	3	CM		X
	1 General Education Course	3	GE		X
	1 Free Elective Course	3	FE		X
		27			