

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 Departments reserve the rights to make any 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	FE		
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" Course					
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 yearly 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 of **EITHER** Chinese Language Course **OR** Portuguese Language Course: One 3-credit free elective in the first semester of fourth year of study

b) Test out of **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/curriculum-model/ug-curriculum-model/languages-and-skills/>

Students are required to take English courses according to assigned level, from the first year of study to the second year of study.

Placement level "E1a ": First semester of first year of study - EELC1011 + Tutorial class + EELC1008

Second semester of first year of study - EELC1012 + Tutorial class

First semester of second year of study - EELC1013

Test out information: <https://reg.um.edu.mo/current-students/curriculum-model/ug-curriculum-model/languages-and-skills/>

General Education Area	Course Requirement (Two Courses from Each Area)
Global Awareness	GEGA1000 – Macao and Chinese Civilization in a Global Context (compulsory) 1 course from the list other than GEGA1000
Literature and Humanities	GELH1000 – Chinese Language and Culture (compulsory) OR GELH1010 – Chinese Language and Culture (for International Students) 1 course from the list other than GELH1000 and GELH1010
Science and Technology	GEST1001 – Quantitative Reasoning for Business (compulsory) 1 course from the list other than GEST1001
Society and Behaviour	GESB1017 – Law and Society (compulsory) OR GESB1018 – Law and Society (for International Students) (compulsory) 1 course from the list other than GESB1017 and GESB1018

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					
CPED2001	Residential College Community Team Project	1	CM		X
FINC3004	Portfolio Management	3	CM		X
MGMT2000	Business Communications	3	CM		X
MKTG2000	Principles of Marketing	3	CM		X
1 General Education Course					
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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	
GEGA1000	Macao and Chinese Civilization	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 yearly 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 of **EITHER** Chinese Language Course **OR** Portuguese Language Course: One 3-credit free elective in the first semester of fourth year of study

b) Test out of **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/curriculum-model/ug-curriculum-model/languages-and-skills/>

Students are required to take English courses according to assigned level, from the first year of study to the second year of study.

Placement level "E1b ": First semester of first year of study - EELC1011 + Tutorial class

Second semester of first year of study - EELC1012 + Tutorial class

First semester of second year of study - EELC1013

Test out information: <https://reg.um.edu.mo/current-students/curriculum-model/ug-curriculum-model/languages-and-skills/>

General Education Area	Course Requirement (Two Courses from Each Area)
Global Awareness	GEGA1000 – Macao and Chinese Civilization in a Global Context (compulsory) 1 course from the list other than GEGA1000
Literature and Humanities	GELH1000 – Chinese Language and Culture (compulsory) OR GELH1010 – Chinese Language and Culture (for International Students) 1 course from the list other than GELH1000 and GELH1010
Science and Technology	GEST1001 – Quantitative Reasoning for Business (compulsory) 1 course from the list other than GEST1001
Society and Behaviour	GESB1017 – Law and Society (compulsory) OR GESB1018 – Law and Society (for International Students) (compulsory) 1 course from the list other than GESB1017 and GESB1018

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					
CPED2001	Residential College Community Team Project	1	CM		X
FINC3004	Portfolio Management	3	CM		X
MGMT2000	Business Communications	3	CM		X
MKTG2000	Principles of Marketing	3	CM		X
1 General Education Course					
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Third Year - UF3

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO2000	Intermediate Economics	3	CM	X	
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: Finance Required Elective Courses		3	RE	X	
FINC3001	Financial Statement Analysis and Valuation	3	CM		X
1 course selected from the table: Finance Required Elective Courses		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	Graduation Project on Applied Finance (one-year course with 6 credits)	6	CM	X	X
1 course selected from the table: Finance Required Elective Courses		3	RE	X	
1 General Education Course		3	GE	X	
1 Free Elective		3	FE	X	
1 course selected from the table: Finance Required Elective Courses		3	RE		X
1 General Education Course		3	GE		X
1 General Education Course		3	GE		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
BECO2000	Intermediate Economics	3	CM	X	
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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E1a Fourth Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
FINC4011	Graduation Project on Applied Finance (one-year course with 6 credits)	6	CM	X	X
FINC4012	Financial Risk Management	3	CM	X	
1 course selected from the table: Required Elective Courses for Finance students with Specialized in Financial Engineering		3	RE	X	
1 General Education Course		3	GE	X	

Third Year - UF3

Course Code	Course Title	Credit Units	* Course Type	1st Sem	2nd Sem
BECO2000	Intermediate Economics	3	CM	X	
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: Finance Required Elective Courses		3	RE	X	
FINC3001	Financial Statement Analysis and Valuation	3	CM		X
1 course selected from the table: Finance Required Elective Courses		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	Graduation Project on Applied Finance (one-year course with 6 credits)	6	CM	X	X
1 course selected from the table: Finance Required Elective Courses		3	RE	X	
1 General Education Course		3	GE	X	
1 Free Elective		3	FE	X	
1 course selected from the table: Finance Required Elective Courses		3	RE		X
1 General Education Course		3	GE		X
1 Free Elective		3	FE		X
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E1b Third Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
BECO2000	Intermediate Economics	3	CM	X	
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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E1b Fourth Year - Specialized in Financial Engineering

Course Code	Course Title	Credit Units	Course Type	1st Sem	2nd Sem
FINC4011	Graduation Project on Applied Finance (one-year course with 6 credits)	6	CM	X	X
FINC4012	Financial Risk Management	3	CM	X	
1 course selected from the table: Required Elective Courses for Finance students with Specialized in Financial Engineering		3	RE	X	
1 General Education Course		3	GE	X	

1 Free Elective Course	3	FE	X	
FINC4014	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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Required Elective Courses for Finance students with Specialized in Financial Engineering

BECO3006	Money and Banking
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
FINC4006	Real Estate Investment and Financing
FINC4007	Behavioral Finance
FINC4010	Bank Management
FINC4013	Advanced Financial Mathematics

1 Free Elective Course	3	FE	X	
FINC4014	3	CM		X
1 General Education Course	3	GE		X
1 Free Elective Course	3	FE		X
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