

Course Descriptions NonDegree 2023-2024

Course Title Options and Futures
 Course Code EBC2053
 ECTS Credits 6,5
 Assessment Whole/Half Grades

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|--------|-----------|----------|-----|-----|-----|-----|-----|
| 5 | 15-4-2024 | 7-6-2024 | X | | | X | |

Level Intermediate

Coordinator Paulo Rodrigues For more information:p.rodrigues@maastrichtuniversity.nl

Language of instruction English

Goals This course offers an introduction to options, forward and futures contracts, the organisation of their markets, their properties, the determination of their price and their use in trading strategies.

Description The basic valuation models such as the binominal Option Pricing Model and the Black and Scholes Model will be presented and discussed. Investment and hedging strategies, involving stock indices, currencies and interest rates with these new financial instruments will be studied in detail.

Literature J.C. Hull, Fundamentals of Futures and Options Markets, 2008, Prentice Hall, 6th edition

Prerequisites TRANSITIONAL REGULATIONS:
 This course has been cancelled for the pre-master Financial Economics.

This course is in transition within the:

* pre-master International Business specialisation Strategic Corporate Finance

* pre-master International Business specialisation Sustainable Finance

The following rule applies to pre-master Financial Economics students who started the programme prior to academic year 2022-2023.

TRANSITIONAL REGULATION (EBC2053):

Students who have not been able to successfully complete Options & Futures (EBC2053) before 2023-2024, do not comply with the requirement to successfully complete the pre-master in two academic years as per Article 20.5 paragraph 4 of the SBE BSc-EER 2021-2022. Therefore, no additional examination options will be available to these students for the course Options & Futures (EBC2053).

The following rule applies to students who started one of the following programmes prior to academic year 2023-2024:

* pre-master International Business specialisation Strategic Corporate Finance

* pre-master International Business specialisation Sustainable Finance

TRANSITIONAL REGULATION (EBC2053):

Repeat the course or replace it with either Investment Analysis and Portfolio Management (EBC2054) in period 1 or Sustainable Financial Management and Policy (EBC2055) in period 2.

See the Transitional Regulations section in the Bachelor Education and Examination Regulations for more information.

PREREQUISITES:

Second-year finance course.

Students should be familiar with risk and return and asset pricing concepts.

Exchange students need to have taken at least one introductory finance course

An advanced level of English

Teaching methods PBL / Presentation / Assignment / Groupwork

Assessment methods Participation / Written Exam

Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

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|---|--|
| Bachelor Economics and Business Economics - Economics | Year 3 Business Elective(s) |
| Bachelor Economics and Business Economics - Emerging Markets | Year 3 Elective Course(s) |
| Bachelor Economics and Business Economics - Economics and Management of Information | Year 2+3 Elective Course(s) |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 Business Elec(s) - Maj Inf Mgmt |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 Business Elec(s) - Maj Macro |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 Business Elec(s) - Maj Micro |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 Core Course(s) - Maj Finance |
| Bachelor Econometrics and Operations Research | Year 3 Elective Course(s) |
| Bachelor Fiscal Economics | Year 3 Elective Course(s) |
| Bachelor International Business - Emerging Markets | Year 3 Elective Course(s) |
| Bachelor International Business | Year 3 Business Elec(s) - Maj Accounting |
| Bachelor International Business | Year 3 Business Elec(s) - Maj Inf Mgmt |
| Bachelor International Business | Year 3 Business Elec(s) - Maj Marketing |
| Bachelor International Business | Year 3 Business Elec(s) - Maj Org |
| Bachelor International Business | Year 3 Business Elec(s) - Maj SCM |
| Bachelor International Business | Year 3 Business Elec(s) - Maj Strategy |
| Bachelor International Business | Year 3 Core Course(s) - Maj Finance |
| Transitional Regulations | See prerequisites |
| SBE Exchange Bachelor | Bachelor Exchange Courses |
| SBE Exchange Master | Bachelor Exchange Courses |
| SBE Non Degree Courses | Bachelor Courses |