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# (NMgr) Programme 6201T011: Corporate Strategy & Finance in Europe (CSF)

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## Master's Programme 6201T011: Corporate Strategy & Finance

Academic year 2020/2021

Master's double-degree programme with the University of Strasbourg (DDP) is a two-year Master's degree programme with common curriculum taught in English offered for students with a completed Bachelor's degree. The programme is based on the Bologna Process, and is intended to facilitate the collaboration between the Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague and Sciences Po Strasbourg, University of Strasbourg in teaching and academic research in the field of Economics. The Degree Programme covers two academic years. Each student on the Degree Programme is requested to spend one academic year at each of the Partner Universities in line with the Curriculum. Upon the completion of the studies, each student will receive the Diploma Master in "Corporate Strategy and Finance in Europe" from University of Strasbourg and the Master's degree Diploma with the academic title "Magistr" from Charles University in Prague.

English is the only language of instruction.

The program director is **doc. PhDr. Martin GREGOR, Ph.D.**

Program coordinator is PhDr. Lenka Šťastná, Ph.D.

For more information, visit the [webpage](#) of Faculty of Social Sciences:

- [program description](#)
- [terms and conditions for the applicants](#)
- [how to apply](#)

### Program structure:

- compulsory courses at Charles University (3-9 ECTS credits each): 33 credits
- compulsory courses at University of Strasbourg: 54 credits
- elective courses (2-6 ECTS credits each) minimum: 21 credits
- optional courses (ECTS credits each) maximum: 12 credits
- Master's Thesis
- Final exam

### Final exam:

1. Macroeconomics (JSZ002)
2. Elective 1 (JSZ642)
3. Master's thesis defense (JDIP01)

### Compulsory courses at University of Strasbourg: 54 ECTS credit points

| Course title                               | ECTS credit points |
|--------------------------------------------|--------------------|
| Corporate Finance                          | 12                 |
| Corporate Strategy                         | 12                 |
| Case Studies                               | 6                  |
| International Banking and European Finance | 12                 |
| Law, Accounting and Compliance             | 12                 |

### Compulsory Courses at Charles University: J#0068018

<!--dg:select1:0068018:2020:2025:en-->

| Code   | Course title            | Course leader   | Semester | Hours per week | Course assessment | ECTS credit points |
|--------|-------------------------|-----------------|----------|----------------|-------------------|--------------------|
| JEM004 | Advanced Macroeconomics | Baxa Hromádková | WS       | 2/4            | Examination       | 9                  |
| JEM005 | Advanced Econometrics   | Baruník         | WS       | 2/2            | Examination       | 6                  |

|        |                                                 |                                    |       |     |               |   |
|--------|-------------------------------------------------|------------------------------------|-------|-----|---------------|---|
| JEM111 | <u>International Macroeconomics and Finance</u> | <u>Holub</u>                       | SS    | 2/2 | Examination   | 6 |
| JEM169 | <u>Master's Thesis Seminar for CSF I</u>        | <u>Schwarz Havránek Havráňková</u> | WS/SS | 0/2 | Course credit | 3 |
| JEM170 | <u>Master's Thesis Seminar for CSF II</u>       | <u>Schwarz Havránek Havráňková</u> | WS/SS | 0/2 | Course credit | 3 |
| JEM185 | <u>Microeconomics of Banking</u>                | <u>Janda</u>                       | SS    | 2/0 | Examination   | 6 |

Total: 33

WS = Winter Semester (Oct. - Feb.), SS = Summer Semester (Feb. - June).

#### Prerequisites, co-requisites, incompatibility, interchangeability for compulsory courses

<!--dg:rekv:0068018:2020:2025:en-->

| Code   | Course title                             | Pre-requisite | Co-requisite | Interchangeability | Incompatibility |
|--------|------------------------------------------|---------------|--------------|--------------------|-----------------|
| JEM004 | Advanced Macroeconomics                  |               |              |                    | JEM216          |
| JEM005 | Advanced Econometrics                    |               |              |                    | JEM217          |
| JEM111 | International Macroeconomics and Finance | JEM216        |              |                    |                 |
| JEM170 | Master's Thesis Seminar for CSF II       | JEM169        |              |                    |                 |
| JEM185 | Microeconomics of Banking                |               |              |                    | JEM113          |

#### Elective Courses: J#0126020

<!--dg:select1:0126020:2020:2025:en-->

| Code   | Course title                                                 | Course leader          | Semester | Hours per week | Course assessment | ECTS credit points |
|--------|--------------------------------------------------------------|------------------------|----------|----------------|-------------------|--------------------|
| JEB112 | <u>Strategic Management</u>                                  | <u>Balcar</u>          | SS       | 2/2            | Examination       | 6                  |
| JEB129 | <u>Fiscal Policy, Public Debt and Sovereign Debt Ratings</u> | <u>Schneider</u>       | SS       | 3/1            | macc              | 2                  |
| JEB141 | <u>Introduction to Market Design</u>                         | <u>Kastl Gregor</u>    | WS       | 3/0            | Examination       | 2                  |
| JEB153 | <u>Financial Institutions and Markets</u>                    | <u>Pečená</u>          | SS       | 2/2            | Examination       | 6                  |
| JEM003 | <u>Advanced Microeconomics</u>                               | <u>Janda</u>           | WS       | 2/2            | Examination       | 6                  |
| JEM007 | <u>Applied Microeconometr</u>                                | <u>Pertold-Gebicka</u> | SS       | 2/2            | Examination       | 6                  |
| JEM013 | <u>Game Theory</u>                                           | <u>Janda</u>           | SS       | 2/2            | Examination       | 6                  |
| JEM017 | <u>Business Cycles Theory</u>                                | <u>Vošvrda Baxa</u>    | WS       | 2/2            | Examination       | 6                  |
| JEM020 | <u>Ethics and Economics</u>                                  | <u>Cahlík</u>          | WS       | 2/2            | Examination       | 6                  |
| JEM027 | <u>Monetary Economics</u>                                    | <u>Holub</u>           | WS       | 2/2            | Examination       | 6                  |

|        |                                                                   |                         |    |     |             |   |
|--------|-------------------------------------------------------------------|-------------------------|----|-----|-------------|---|
| JEM032 | Banking and Risk Management                                       | Geršl Pečená            | WS | 2/2 | Examination | 6 |
| JEM035 | Financial Markets Instruments I                                   | Dědek                   | WS | 2/2 | Examination | 6 |
| JEM036 | Financial Markets Instruments II                                  | Dědek                   | SS | 2/2 | Examination | 6 |
| JEM037 | Financial Markets                                                 | Kočenda                 | WS | 2/2 | Examination | 6 |
| JEM059 | Financial Econometrics I                                          | Vácha Baruník           | SS | 2/2 | Examination | 6 |
| JEM061 | Financial Econometrics II                                         | Baruník Vácha           | WS | 2/2 | Examination | 6 |
| JEM092 | Asset Pricing                                                     | Čech                    | SS | 2/2 | Examination | 6 |
| JEM100 | Corporate Governance                                              |                         | SS | 0/2 | Examination | 4 |
| JEM101 | Health Economics                                                  | Votápková               | SS | 2/2 | Examination | 6 |
| JEM115 | Environmental Economics                                           | Ščasný                  | SS | 2/0 | Examination | 5 |
| JEM116 | Applied Econometrics                                              | Horváth Baruník Kukačka | SS | 2/2 | Examination | 6 |
| JEM123 | Development Economics                                             | Bauer                   | WS | 2/0 | Examination | 6 |
| JEM126 | Empirical Law and Economics                                       | Dušek                   | SS | 2/0 | Examination | 5 |
| JEM128 | Financial Modelling Using MS Excel and VBA                        | Jakubík                 | SS | 1/1 | Examination | 4 |
| JEM129 | Introduction to International Investment Protection               | Sekanina                | SS | 2/0 | Examination | 4 |
| JEM131 | Antitrust Economics                                               | Vacek                   | SS | 2/0 | Examination | 5 |
| JEM132 | Company Valuation                                                 | Novák                   | WS | 2/2 | Examination | 6 |
| JEM137 | Real Estate Investment                                            | Streblov                | WS | 2/0 | Examination | 4 |
| JEM140 | Quantitative Multivariate Finance                                 | Burda                   | SS | 2/0 | Examination | 3 |
| JEM141 | Traditional and Alternative Risk Transfer in the Insurance Sector | Teply Pompella          | WS | 2/0 | macc        | 2 |

|        |                                             |                 |       |     |               |   |
|--------|---------------------------------------------|-----------------|-------|-----|---------------|---|
| JEM142 | Banking and Financial Regulation            | Tůma Dvořák     | SS    | 2/2 | Examination   | 6 |
| JEM158 | Tools for Modern Macroeconomet              | Baxa Vácha      | SS    | 2/2 | Examination   | 6 |
| JEM159 | International Commercial Dispute Resolution | Hülle           | SS    | 2/0 | Examination   | 4 |
| JEM160 | Robust statistics and econometrics          | Křehlík         | SS    | 2/0 | Examination   | 6 |
| JEM161 | Private Equity                              | Fencl           | SS    | 1/1 | macc          | 4 |
| JEM162 | Energy Markets & Economics                  | Valíčková Elms  | SS    | 2/2 | Examination   | 4 |
| JEM167 | Comparative Economics                       | Semerák         | WS    | 2/2 | Examination   | 6 |
| JEM171 | Financial Derivatives                       | Babiak          | SS    | 2/2 | Examination   | 6 |
| JEM173 | Topics in Macroeconomics                    | Kudashvili      | SS    | 2/2 | Examination   | 6 |
| JEM183 | Mathematical Methods in Macroeconomics      | Stráský         | WS    | 2/2 | Examination   | 6 |
| JEM184 | New Keynesian DSGE Modelling                | Malovaná        | SS    | 2/2 | Examination   | 6 |
| JEM198 | Bank Asset and Liability Management         | Kuc Kotlán      | SS    | 2/0 | Examination   | 5 |
| JEM199 | Financial Crisis and Risk Management        | Horváth         | WS/SS | 6/0 | macc          | 2 |
| JEM201 | Internship I                                | Geršl           | WS/SS | 0/4 | Course credit | 3 |
| JEM203 | Public Economics                            | Janský Palanský | SS    | 2/1 | Examination   | 6 |
| JEM205 | FinTech and Blockchain                      | Gregor Colak    | SS    | 6/0 | macc          | 2 |
| JEM206 | Introduction into Health Economics          | Stavrunova      | WS    | 4/0 | macc          | 2 |
| JEM207 | Data Processing in Python                   | Hanus           | WS/SS | 2/2 | Examination   | 5 |
| JEM208 | Health Econometrics                         | Bertoli         | WS    | 2/2 | Examination   | 6 |
| JEM220 | Data Science with R II                      | Křišťoufek      | SS    | 2/0 | Examination   | 6 |
| JEM221 | Data Science with R I                       | Křišťoufek      | WS    | 2/0 | Examination   | 5 |
| JEM224 | Version Control with Git                    | Hronec          | SS    | 5/2 | macc          | 2 |

|        |                                                       |                |       |     |               |   |
|--------|-------------------------------------------------------|----------------|-------|-----|---------------|---|
| JEM228 | Systemic Risk and Macroprudential Policy              | Geršl          | SS    | 2/2 | Examination   | 6 |
| JEM229 | Treasury Management                                   | Ranostaj       | SS    | 2/0 | Examination   | 5 |
| JEM230 | Advanced Topics in Corporate Finance                  | Geršl Curi     | WS    | 3/3 | Course credit | 3 |
| JEM231 | Mergers and Acquisitions                              | Fidrmuc Gregor | WS    | 3/3 | Course credit | 3 |
| JEM232 | Financial Crisis and Risk Management                  | Horváth        | WS/SS | 6/0 | Course credit | 3 |
| JEM233 | FinTech and Blockchain                                | Gregor Colak   | SS    | 6/0 | Course credit | 3 |
| JEM234 | Version Control with Git                              | Hronec         | WS    | 5/2 | Course credit | 3 |
| JEM236 | Risk Management and Insurance                         | Kukačka        | SS    | 6/0 | Course credit | 3 |
| JEM333 | Energy Markets & Economics                            | Valíčková Elms | SS    | 2/2 | Course credit | 3 |
| JEM334 | Fiscal Policy, Public Debt and Sovereign Debt Ratings | Schneider      | SS    | 3/3 | Course credit | 3 |
| JEM336 | Private Equity                                        | Fencl          | WS    | 1/1 | Course credit | 3 |
| JEM338 | Asset Allocation - Topics and Applications            | Čech           | WS/SS | 6/0 | Course credit | 3 |
| JEM339 | Sustainable Finance and ESG                           | Gregor Teplý   | WS    | 2/0 | Examination   | 5 |
| JLM057 | Academic Writing for Masters                          | Goodall        | SS    | 0/2 | Course credit | 3 |

#### Prerequisites, co-requisites, incompatibility, interchangeability for compulsory courses

<!--dg:rekv:0126020:2020:2025:en-->

| Code   | Course title                                          | Pre-requisite | Co-requisite | Interchangeability | Incompatibility |
|--------|-------------------------------------------------------|---------------|--------------|--------------------|-----------------|
| JEB129 | Fiscal Policy, Public Debt and Sovereign Debt Ratings |               |              |                    | JEM334          |
| JEB153 | Financial Institutions and Markets                    | J#R098        |              |                    | JEB126          |
| JEM003 | Advanced Microeconomics                               |               |              |                    | JEM215          |
| JEM020 | Ethics and Economics                                  |               |              |                    | JPB338          |

|        |                                                       |               |  |        |               |
|--------|-------------------------------------------------------|---------------|--|--------|---------------|
| JEM092 | Asset Pricing                                         |               |  |        | JEM186        |
| JEM100 | Corporate Governance                                  |               |  |        | JEM188        |
| JEM115 | Environmental Economics                               |               |  |        | JEM218        |
| JEM128 | Financial Modelling Using MS Excel and VBA            |               |  |        | JEM189        |
| JEM161 | Private Equity                                        |               |  |        | JEM336        |
| JEM162 | Energy Markets & Economics                            |               |  |        | JEM333        |
| JEM167 | Comparative Economics                                 |               |  | JPM312 | JEB103 JPM312 |
| JEM173 | Topics in Macroeconomics                              |               |  | JEM097 | JEM097        |
| JEM183 | Mathematical Methods in Macroeconomics                |               |  | JEM096 | JEM096        |
| JEM198 | Bank Asset and Liability Management                   |               |  |        | JEM197        |
| JEM199 | Financial Crisis and Risk Management                  |               |  |        | JEM232        |
| JEM220 | Data Science with R II                                | <u>J#R073</u> |  |        |               |
| JEM221 | Data Science with R I                                 |               |  |        | JEM181 JEM227 |
| JEM232 | Financial Crisis and Risk Management                  |               |  |        | JEM199        |
| JEM233 | FinTech and Blockchain                                |               |  |        | JEM205        |
| JEM234 | Version Control with Git                              |               |  |        | JEM224        |
| JEM333 | Energy Markets & Economics                            |               |  |        | JEM162        |
| JEM334 | Fiscal Policy, Public Debt and Sovereign Debt Ratings |               |  |        | JEB129        |
| JEM336 | Private Equity                                        |               |  |        | JEM161        |

**Optional Courses:**

Any Master-level course. Optional courses can be taken at any faculty of the Charles University or at partner universities.

**Kód plánu**

J20CSF1209