

## National Research University Higher School of Economics (HSE)

Curriculum

Field of study 38.03.01 Economics

Educational Programme "International Programme in Economics and Finance"

Specializations: "Accounting and Finance", "Banking and Finance", "Economics", "Economics and Finance", "Economics and Management", "Mathematics and Economics"

Implementing unit: International College of Economics and

Finance, HSE - Moscow 3 rd, 2024/2025 academic year 02.05.2024 Vice Rector

**APPROVED** 

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2022/2023 - 2025/2026

Mode of Study: Full Time Degree: Bachelor's degree

|            |   |                 |  |         |                            | Al               | llocation of C | Contact Hour |       |     |                                 |
|------------|---|-----------------|--|---------|----------------------------|------------------|----------------|--------------|-------|-----|---------------------------------|
| Block Code | Course  | Subject<br>type | Department                                     | Credits | Total<br>Academic<br>Hours | Contact<br>Hours | 1              | 2            | 3     | 4   | Additional Information          |
|            | Degree Progamme   |                 |  | 60,00   | 2 280                      | 637              | 928            | 928          | 1 010 | 427 |                                 |
|            | Data Culture  |                 |  | 1,00    | 38                         | 2                |                |              |       | 2   |                                 |
|            | Examinations  |                 |  | 1,00    | 38                         | 2                |                |              |       | 2   |                                 |
| 1          | Data Science, Al and Generative<br>Models Independent Test.<br>Intermediate | С               | отдел развития цифровых<br>компетенций         | 1,00    | 38                         | 2                |                |              |       | 2A  | Online Course, Foreign language |
|            | Major   | 46,00           | 1 748  | 628     | 928                        | 928              | 1 010          | 418          |       |     |                                 |
|            | Core Professional Block (Major)   | 22,00           | 836  | 268     | 64                         | 64               | 90             | 50           |       |     |                                 |
| 1          | Macroeconomics 2  | С               | International College of Economics and Finance | 7,00    | 266                        | 84               |                |              | 50    | 34A | Foreign language                |
| 2          | Microeconomics 2  | С               | International College of Economics and Finance | 7,00    | 266                        | 64               | 32             | 32A          |       |     | Foreign language                |
| 3          | Econometrics  | С               | International College of Economics and Finance | 8,00    | 304                        | 120              | 32             | 32           | 40    | 16A | Foreign language                |
|            | Elective Professional Block (Major)   |                 |  | 24,00   | 912                        | 360              | 864            | 864          | 920   | 368 |                                 |
|            | Disciplines of specialization "Bank   | 24,00           | 912  | 360     | 96                         | 96               | 120            | 48           |       |     |                                 |
|            | Compulsory disciplines for the sp   | 16,00           | 608  | 240     | 64                         | 64               | 80             | 32           |       |     |                                 |
| 1          | Financial Intermediation  | С               | International College of Economics and Finance | 8,00    | 304                        | 120              | 32             | 32           | 40    | 16A | Foreign language                |
| 2          | Asset Pricing and Financial<br>Markets                                      | С               | International College of Economics and Finance | 8,00    | 304                        | 120              | 32             | 32           | 40    | 16A | Foreign language                |
|            | Elective sections for the specialization "Banking and Finance"              |                 |  |         |                            | 120              | 32             | 32           | 40    | 16  |                                 |
|            | Compulsory disciplines for the specialization "Banking and Finance"         |                 |  |         |                            | 120              | 32             | 32           | 40    | 16  |                                 |

| 1 | Management Accounting                   | С           | International College of Economics and Finance | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
|---|---|-------------|--|-------|-----|-----|----|-----|-----|-----|------------------|
|   | Elective sections for the speciali      | zation "B   | anking and Finance"                            | 8,00  | 304 | 120 | 32 | 32  | 40  | 16  |                  |
|   | Elective disciplines for the spec       |             |  | 4,00  | 152 | 64  | 32 | 32  |     |     |                  |
| 1 | History of Economic Thought             | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 2 | Data Science for Economics              | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 3 | Sociology of Financial<br>Behavior      | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 4 | Theory of Finance                       | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 5 | Financial Economics                     | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 6 | Economics and economic policy of Russia | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
|   | Elective disciplines for the spec       | cialization |  | 4,00  | 152 | 56  |    |     | 40  | 16  |                  |
| 1 | Statistical Data Analysis               | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| 2 | Game Theory                             | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| 3 | Optimization Theory                     | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| 4 | Development Economics                   | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| 5 | Economic History                        | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
|   | Courses of Educational Track "Acc       |             |  | 24,00 | 912 | 360 | 96 | 96  | 120 | 48  |                  |
|   | Compulsory disciplines for the sp       | pecializati |  | 24,00 | 912 | 360 | 96 | 96  | 120 | 48  |                  |
| 1 | Management Accounting                   | С           | International College of Economics and Finance | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| 2 | Financial Reporting                     | С           | International College of Economics and Finance | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| 3 | Asset Pricing and Financial<br>Markets  | С           | International College of Economics and Finance | 8,00  | 304 | 120 | 32 | 32  | 40  |     | Foreign language |
|   | Courses of Educational Track "Eco       |             |  | 24,00 | 912 | 360 | 96 | 96  | 120 | 48  |                  |
|   | Elective disciplines for the specia     |             |  | 4,00  | 152 | 64  | 32 | 32  |     |     |                  |
| 1 | History of Economic Thought             | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 2 | Data Science for Economics              | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 3 | <b>.</b> ,                              | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 4 | Theory of Finance                       | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 5 | Financial Economics                     | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| 6 | Economics and economic policy of Russia | E           | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |

|   | Compulsory disciplines for the sp<br>Mathematics" | 20,00     | 760  | 296   | 64  | 64  | 120 | 48  |     |     |                  |
|---|---|-----------|--|-------|-----|-----|-----|-----|-----|-----|------------------|
| 1 | Abstract Mathematics                              | С         | International College of Economics and Finance | 8,00  | 304 | 120 | 32  | 32  | 40  | 16A | Foreign language |
| 2 | Further Linear Algebra                            | С         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 3 | Further Calculus                                  | С         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  | 16A | Foreign language |
| 4 | Game Theory                                       | С         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  | 16A | Foreign language |
|   | Disciplines of specialization "Ecor               | nomics a  | and Management"                                | 24,00 | 912 | 360 | 96  | 96  | 120 | 48  |                  |
|   | Elective disciplines for the specia               | lization  | "Economics and Management"                     | 4,00  | 152 | 64  | 32  | 32  |     |     |                  |
| 1 | History of Economic Thought                       | Е         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 2 | Data Science for Economics                        | E         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 3 | Sociology of Financial Behavior                   | E         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 4 | Theory of Finance                                 | E         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 5 | Financial Economics                               | E         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
| 6 | of Russia   | E         | International College of Economics and Finance | 4,00  | 152 | 64  | 32  | 32A |     |     | Foreign language |
|   | Elective disciplines for the specia               | lization  |  | 4,00  | 152 | 56  |     |     | 40  | 16  |                  |
| 1 | Statistical Data Analysis                         | E         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  |     | Foreign language |
| 2 | Game Theory                                       | E         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  |     | Foreign language |
| 3 | Optimization Theory                               | E         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  |     | Foreign language |
| 4 | Development Economics                             | E         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  |     | Foreign language |
| 5 | Economic History                                  | E         | International College of Economics and Finance | 4,00  | 152 | 56  |     |     | 40  |     | Foreign language |
|   | Elective disciplines for the specia               |           |  | 8,00  | 304 | 120 | 32  | 32  | 40  | 16  |                  |
| 1 | Management Accounting                             | E         | International College of Economics and Finance | 8,00  | 304 | 120 | 32  | 32  | 40  |     | Foreign language |
| 2 | Asset Pricing and Financial<br>Markets            | E         | International College of Economics and Finance | 8,00  | 304 | 120 | 32  | 32  | 40  |     | Foreign language |
|   | Compulsory disciplines for the sp<br>Management"  | 8,00      | 304  | 120   | 32  | 32  | 40  | 16  |     |     |                  |
| 1 | Organization Theory                               | С         | International College of Economics and Finance | 8,00  | 304 | 120 | 32  | 32  | 40  |     | Foreign language |
|   | Disciplines of specialization "Econ               | 44,00     | 1 672  | 584   | 96  | 96  | 120 | 48  |     |     |                  |
|   | Compulsory disciplines for the s                  | pecializa | tion "Economics and Finance"                   | 8,00  | 304 | 120 | 32  | 32  | 40  | 16  |                  |
| 1 | Asset Pricing and Financial<br>Markets            | С         | International College of Economics and Finance | 8,00  | 304 | 120 | 32  | 32  | 40  |     | Foreign language |
|   | Elective sections for the specialize              | zation "E | Economics and Finance"                         | 16,00 | 608 | 240 | 64  | 64  | 80  | 32  |                  |

|   | Elective sections for the special                                   | 16,00      | 608  | 240                 | 64  | 64  | 80 | 32  |    |     |                  |
|---|---|------------|--|---------------------|-----|-----|----|-----|----|-----|------------------|
|   | Elective disciplines for the spe                                    | 8,00       | 304  | 120                 | 32  | 32  | 40 | 16  |    |     |                  |
| 1 | Financial Intermediation  | E          | International College of Economics and Finance | 8,00                | 304 | 120 | 32 | 32  | 40 | 16A | Foreign language |
| 2 | Organization Theory   | E          | International College of Economics and Finance | 8,00                | 304 | 120 | 32 | 32  | 40 | 16A | Foreign language |
| 3 | Management Accounting   | E          | International College of Economics and Finance | 8,00                | 304 | 120 | 32 | 32  | 40 | 16A | Foreign language |
|   | Elective disciplines for the spe                                    |            | on "Economics and Finance"                     | 4,00                | 152 | 64  | 32 | 32  |    |     |                  |
| 1 | History of Economic Thought   | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 2 | Data Science for Economics  | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 3 | Sociology of Financial<br>Behavior                                  | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 4 | Theory of Finance   | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 5 | Financial Economics   | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 6 | Economics and economic policy of Russia                             | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
|   | Elective disciplines for the spe                                    | cializatio |  | 4,00                | 152 | 56  |    |     | 40 | 16  |                  |
| 1 | Statistical Data Analysis   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 | 16A | Foreign language |
| 2 | Game Theory   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 | 16A | Foreign language |
| 3 | Optimization Theory   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
| 4 | Development Economics   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 | 16A | Foreign language |
| 5 | Economic History  | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
|   | Elective sections for the special                                   |            |  | 16,00               | 608 | 240 | 64 | 64  | 80 | 32  |                  |
|   | Elective disciplines for the spe                                    |            |  | 8,00                | 304 | 112 |    |     | 80 | 32  |                  |
| 1 | Statistical Data Analysis   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
| 2 | Game Theory   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
| 3 | Optimization Theory   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
| 4 | Development Economics   | E          | International College of Economics and Finance | 4,00                | 152 | 56  |    |     | 40 |     | Foreign language |
| 5 | Economic History  | E          | International College of Economics and Finance | 4,00<br><b>8,00</b> | 152 | 56  |    |     | 40 | 16Ā | Foreign language |
|   | Elective disciplines for the specialization "Economics and Finance" |            |  |                     | 304 | 128 | 64 | 64  |    |     |                  |
| 1 | History of Economic Thought   |            | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |
| 2 | Data Science for Economics  | E          | International College of Economics and Finance | 4,00                | 152 | 64  | 32 | 32A |    |     | Foreign language |

| Sociology of Financial E International College of Economics and Finance E International College of Economics and economic E Endown International College of Economics and economic E Endown International College of Economics and Economics and Economics I Endown International College of Economics and Economics and Economics I Endown International College of Economics and Economics I Endown International College of Economics I International Col |   |                                     |             |  |       |     |     |    |     |     |     |                  |
|--|---|-------------------------------------|-------------|--|-------|-----|-----|----|-----|-----|-----|------------------|
| Economics and Finance   Financial Economics   E   International College of   4,00   152   56   40   164   165   164   165   164   165   164   165   164   165      | 3 |                                     | E           |  | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| Economics and economic   E   International College of   Economics and Finance   E   Economics and Finance   E   Economics and Finance   E   Economics and Finance   E   Elective disciplines for the specialization "Economics"   E   Elective disciplines for the specialization   E   Elective disci   | 4 | Theory of Finance                   | E           |  | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| Economics and Finance   Economics   Economics   Economics   Economics   Elective disciplines for the specialization "Economics"   4,00   152   55   55   40   16   16   16   16   16   16   16   1   | 5 | Financial Economics                 | E           |  | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| Statistical Data Analysis   E  | 6 | policy of Russia                    |             | International College of Economics and Finance | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| Statistical Data Analysis   E  |   | Disciplines of specialization "Econ | omics"      |  | 24,00 | 912 | 356 | 96 | 96  | 120 | 48  |                  |
| Commics and Finance  |   | Elective disciplines for the specia | alization " | Economics"                                     | 4,00  | 152 | 52  |    |     | 40  | 16  |                  |
| Economics and Finance  | 1 | Statistical Data Analysis           | E           |  | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| Solution   Economics and Finance   English   Enternational College of Economics and Finance   Econom   | 2 | Game Theory                         | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| Economic History   E   International College of   Economics and Finance  | 3 | Optimization Theory                 | E           | International College of Economics and Finance | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| Economics and Finance   Elective disciplines for the specialization "Economics"   16,00   608   240   64   64   80   32  | 4 | Development Economics               | E           |  | 4,00  | 152 |     |    |     | 40  | 16A | Foreign language |
| Financial Intermediation   E   | 5 | Economic History                    | E           |  | 4,00  | 152 | 56  |    |     | 40  | 16A | Foreign language |
| Compulsory disciplines for the specialization "Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   Compulsory disciplines for the specialization   College of Economics and Finance   College of Economics   College of Ec   |   | Elective disciplines for the specia | alization " | Economics"                                     | 16,00 | 608 | 240 | 64 | 64  | 80  | 32  |                  |
| Economics and Finance   English   Examinations   Examinations   English   Examinations   English   Examinations   Economics Ec   | 1 | Financial Intermediation            | E           |  | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| Seconomics and Finance   Seconomics and Fina   | 2 | Organization Theory                 | E           |  | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| 4         Markets         Economics and Finance         4,00         152         64         32         32           Economics and economic policy of Russia         C         International College of Economics and Finance         4,00         152         64         32         32A         Foreign language           English         1,00         38         1,00         38         1,00         38         1,00         38         1,00         38         2         2A Foreign language         2A Foreign language         1,00         38         2         2A Foreign language         2A Foreign language         1,00         38         2         2A Foreign language         2A Foreign language         1,00         456         7  | 3 | Management Accounting               | E           |  | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| Economics and economic policy of Russia  | 4 |                                     | E           | International College of Economics and Finance | 8,00  | 304 | 120 | 32 | 32  | 40  | 16A | Foreign language |
| 1         of Russia         Economics and Finance         1,00         38         Seminations         1,00         38         Seminations         1,00         38         Seminations         1,00         38         Seminations         2A Foreign language         1,00         38         2         2A Foreign language         2A Foreign language         1,00         456         7         7         7         7         7         7         7         1         7   |   | Compulsory disciplines for the sp   | ecializati  | on "Economics"                                 | 4,00  | 152 | 64  | 32 | 32  |     |     |                  |
| Examinations         1,00         38         2           1         Independent English Exam         C         School of Foreign Languages         1,00         38         2         2A Foreign language           Internship         12,00         456         7         7           Professional Internship         12,00         456         7         7           1         Term Paper         C         6,00         228         5         5A Foreign language   | 1 |                                     | С           |  | 4,00  | 152 | 64  | 32 | 32A |     |     | Foreign language |
| Examinations         1,00         38         2A Foreign language           1         Independent English Exam         C         School of Foreign Languages         1,00         38         2         2A Foreign language           Internship         12,00         456         7         7           Professional Internship         12,00         456         7         7           1         Term Paper         C         6,00         228         5         5A Foreign language   |   | English                             |             |  | 1,00  | 38  |     |    |     |     |     |                  |
| Internship   |   |                                     | 1,00        | 38   |       |     |     |    |     |     |     |                  |
| Professional Internship         12,00         456         7         7           1         Term Paper         C         6,00         228         5         5A         Foreign language  | 1 | Independent English Exam            | С           | School of Foreign Languages                    | 1,00  | 38  | 2   |    |     |     | 2A  | Foreign language |
| Professional Internship         12,00         456         7         7           1         Term Paper         C         6,00         228         5         5A         Foreign language  |   | Internship                          | 12,00       | 456  | 7     |     |     |    | 7   |     |     |                  |
| 1 Term Paper C 6,00 228 5 5A Foreign language  |   | Professional Internship             |             | 456  | 7     |     |     |    | 7   |     |     |                  |
|  | 1 | Term Paper                          | С           |  |       | 228 | 5   |    |     |     | 5A  | Foreign language |
| 2   Trans Expansion mornoring   O   O,00   Z20   Z         ZA  Oreign language   | 2 | Work Experience Internship          | С           |  | 6,00  | 228 | 2   |    |     |     | 2A  | Foreign language |

## Curriculum agreed:

Academic Supervisor ZAMKOV O.O. 21.02.2024

Dean YAKOVLEV S.M. 22.02.2024

Head of Centre for

Educational Model Design LEPESHKIN I.A. 27.04.2024

\* Subject type: Compulsory course Elective course

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