

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

Curriculum  
Field of study 38.03.01 Economics  
Educational Programme "Economics and Statistics"  
Faculty of Economic Sciences, HSE - Moscow  
2 nd, 2021/2022 academic year

APPROVED by  
Vice Rector

ROSHCHIN Y.S.  
30.04.2021

Length of Programme: 4 years  
Years of Study: 2020/2021 - 2023/2024  
Mode of Study: Full Time  
Degree: Bachelor's degree

Number of Students: 124  
Number of Groups: 4

| Block Code | Course  | Subject type | Department                                       | Credits   | Total Academic Hours | Contact Hours | Allocation of Contact Hours |            |            |            | Additional Information |
|------------|---|--------------|--|-----------|----------------------|---------------|-----------------------------|------------|------------|------------|------------------------|
|            |   |              |  |           |                      |               | 1                           | 2          | 3          | 4          |                        |
|            | <b>Degree Programme</b>                               |              |  | <b>60</b> | <b>3 306</b>         | <b>1 275</b>  | <b>346</b>                  | <b>320</b> | <b>396</b> | <b>213</b> |                        |
|            | <b>Data Culture</b>                                   |              |  | <b>3</b>  | <b>114</b>           | <b>24</b>     |                             |            | <b>24</b>  |            |                        |
|            | <b>Дисциплины Data Culture</b>                        |              |  |           | <b>114</b>           | <b>24</b>     |                             |            | <b>24</b>  |            |                        |
| 1          | Programming in Python                                 | C            | Department of Big Data and Information Retrieval | 3         | 114                  | 24            |                             |            | 24A        |            | Online Course          |
|            | <b>Major</b>  |              |  | <b>41</b> | <b>2 356</b>         | <b>846</b>    | <b>244</b>                  | <b>214</b> | <b>254</b> | <b>134</b> |                        |
|            | <b>Core Professional Block (Major)</b>                |              |  | <b>29</b> | <b>1 102</b>         | <b>426</b>    | <b>88</b>                   | <b>98</b>  | <b>144</b> | <b>96</b>  |                        |
|            | <b>Subject Areas</b>                                  |              |  | <b>29</b> | <b>1 102</b>         | <b>426</b>    | <b>88</b>                   | <b>98</b>  | <b>144</b> | <b>96</b>  |                        |
|            | <b>Macroeconomics</b>                                 |              |  | <b>7</b>  | <b>266</b>           | <b>120</b>    |                             |            | <b>64</b>  | <b>56</b>  |                        |
| 1          | Macroeconomics 1                                      | C            | Department of Theoretical Economics              | 7         | 266                  | 120           |                             |            | 64         | 56A        |                        |
|            | <b>Microeconomics</b>                                 |              |  | <b>6</b>  | <b>228</b>           | <b>90</b>     | <b>42</b>                   | <b>48</b>  |            |            |                        |
| 1          | Microeconomics-2                                      | C            | Department of Theoretical Economics              | 6         | 228                  | 90            | 42                          | 48A        |            |            | Foreign language       |
|            | <b>Probability Theory and Mathematical Statistics</b> |              |  | <b>16</b> | <b>608</b>           | <b>216</b>    | <b>46</b>                   | <b>50</b>  | <b>80</b>  | <b>40</b>  |                        |
| 1          | Mathematical Statistics                               | C            | Department of Statistics and Data Analysis       | 6         | 228                  | 96            | 46                          | 50A        |            |            |                        |
| 2          | Multidimensional Statistical Methods                  | C            | Department of Statistics and Data Analysis       | 6         | 228                  | 80            |                             |            | 40         | 40A        | Online Course          |
| 3          | Statistical Analysis of Non-numerical Information     | C            | Department of Statistics and Data Analysis       | 4         | 152                  | 40            |                             |            | 40A        |            |                        |
|            | <b>Elective Professional Block (Major)</b>            |              |  | <b>12</b> | <b>1 254</b>         | <b>420</b>    | <b>156</b>                  | <b>116</b> | <b>110</b> | <b>38</b>  |                        |
|            | <b>Дисциплины по выбору для 2 курса</b>               |              |  |           | <b>1 254</b>         | <b>420</b>    | <b>156</b>                  | <b>116</b> | <b>110</b> | <b>38</b>  |                        |
| 1          | Demography  | E            | Department of Demography                         | 4         | 152                  | 38            | 38A                         |            |            |            |                        |
| 2          | Differential and Difference Equations                 | E            | Department of Mathematics                        | 5         | 190                  | 60            | 30                          | 30A        |            |            |                        |
| 3          | Instrumental methods for digital economics            | E            | Department of Mathematics                        | 5         | 190                  | 60            | 30                          | 30A        |            |            |                        |

|                             |   |   |  |           |            |            |           |           |           |           |   |
|-----------------------------|---|---|--|-----------|------------|------------|-----------|-----------|-----------|-----------|---|
| 4                           | International Financial Reporting Standards                   | E | Department of Finance                                  | 5         | 190        | 58         | 30        | 28A       |           |           | Foreign language  |
| 5                           | Essentials of programming and database                        | E | Department of Software Engineering                     | 3         | 114        | 38         |           |           |           | 38A       |   |
| 6                           | Russia and the World Economic Development in the 20th Century | E | Department of Theoretical Economics                    | 5         | 190        | 56         | 28        | 28A       |           |           | Foreign language  |
| 7                           | Financial Institutions and Risks                              | E | Department of Finance                                  | 3         | 114        | 54         |           |           |           | 54A       |   |
| 8                           | Financial Markets   | E | базовая кафедра инфраструктуры финансовых рынков       | 3         | 114        | 56         |           |           |           | 56A       |   |
| <b>Minor</b>                |   |   |  | <b>10</b> | <b>380</b> | <b>152</b> | <b>38</b> | <b>38</b> | <b>38</b> | <b>38</b> |   |
| 1                           | Minor   | E |  | 10        | 380        | 152        | 38        | 38A       | 38        | 38A       |   |
| <b>English</b>              |   |   |  |           | <b>228</b> | <b>107</b> | <b>28</b> | <b>32</b> | <b>44</b> | <b>3</b>  |   |
| <b>Optional Courses</b>     |   |   |  |           | <b>228</b> | <b>104</b> | <b>28</b> | <b>32</b> | <b>44</b> |           |   |
| 1                           | English   | O |  | 6         | 228        | 104        | 28        | 32        | 44A       |           | Foreign language, Credits only to the cumulative rating |
| <b>Examinations</b>         |   |   |  |           |            | <b>3</b>   |           |           |           | <b>3</b>  |   |
| 1                           | Independent English Language Test                             | C | центр поддержки и мониторинга образовательных программ |           |            | 3          |           |           |           | 3A        |   |
| <b>General Courses</b>      |   |   |  | <b>1</b>  | <b>38</b>  | <b>144</b> | <b>36</b> | <b>36</b> | <b>36</b> | <b>36</b> |   |
| <b>Core General Courses</b> |   |   |  | <b>1</b>  | <b>38</b>  | <b>144</b> | <b>36</b> | <b>36</b> | <b>36</b> | <b>36</b> |   |
| 1                           | Physical Training   | C | Department of Physical Training                        | 1         | 38         | 144        | 36        | 36        | 36        | 36A       |   |
| <b>Internship</b>           |   |   |  | <b>5</b>  | <b>190</b> | <b>2</b>   |           |           |           | <b>2</b>  |   |
| <b>Project Internship</b>   |   |   |  | <b>5</b>  | <b>190</b> | <b>2</b>   |           |           |           | <b>2</b>  |   |
| 1                           | Project   | C |  | 5         | 190        | 2          |           |           |           | 2A        |   |

Academic Supervisor

SIROTIN V.P.

23.04.2021

Dean

PEKARSKIY S.E.

24.04.2021

Head of Degree Programmes  
Development Office

MAMONOVA M.A.

28.04.2021

\* Subject type:

Compulsory course

C

Elective course

E

Optional course

O