



## MODULAR CURRICULUM

Education program: 7M07206 - "Geology and exploration of solid mineral deposits"

Form of study: full    Duration of training: 1,0 years    Academic degree: master of engineering and technologists

| The cycle                                    | code   | Name of disciplines                          | Semester | Acad. credits | lec. | lab. | prac | IWS | Type of control | Chair   |
|----------------------------------------------|--------|----------------------------------------------|----------|---------------|------|------|------|-----|-----------------|---------|
| <b>Profile training module</b>               |        |                                              |          |               |      |      |      |     |                 |         |
| <b>Basic disciplines (BD) (20 credits)</b>   |        |                                              |          |               |      |      |      |     |                 |         |
| <b>University component (16 credits)</b>     |        |                                              |          |               |      |      |      |     |                 |         |
| BD 1.2.1                                     | LNG202 | Foreign language (professional)              | 1        | 6             | 0    | 0    | 3    | 3   | Exam            | EL      |
| BD 1.2.2                                     | MNG274 | Management                                   | 1        | 6             | 2    | 0    | 1    | 3   | Exam            | SD      |
| BD 1.2.3                                     | HUM204 | Management psychology                        | 1        | 4             | 1    | 0    | 1    | 2   | Exam            | SECPM   |
| <b>Choice component (4 credits)</b>          |        |                                              |          |               |      |      |      |     |                 |         |
| <b>Basic geological training module</b>      |        |                                              |          |               |      |      |      |     |                 |         |
| BD 1.2.4                                     | GEO216 | Computer modeling in geology                 | 2        | 4             | 1    | 0    | 1    | 2   | Exam            | GSPE MD |
| <b>Major disciplines (MD) (25 credits)</b>   |        |                                              |          |               |      |      |      |     |                 |         |
| <b>University component (UC) (7 credits)</b> |        |                                              |          |               |      |      |      |     |                 |         |
| MD                                           | AAP248 | Work placement                               | 2        | 7             |      |      |      |     | Report          | GSPE MD |
| <b>Profile geological training module</b>    |        |                                              |          |               |      |      |      |     |                 |         |
| <b>Choice component (CC) (18 credits)</b>    |        |                                              |          |               |      |      |      |     |                 |         |
| MD 1.3.1                                     | GEO246 | Ecological geology                           | 1        | 6             | 2    | 0    | 1    | 3   | Exam            | GSPE MD |
| MD 1.3.2                                     | GEO709 | Geotectonics with geodynamics basics         | 1        | 6             | 2    | 0    | 1    | 3   | Exam            | GSPE MD |
| MD 1.3.3                                     | GEO220 | Metallogeny and ore formations of Kazakhstan | 2        | 6             | 2    | 0    | 1    | 3   | Exam            | GSPE MD |

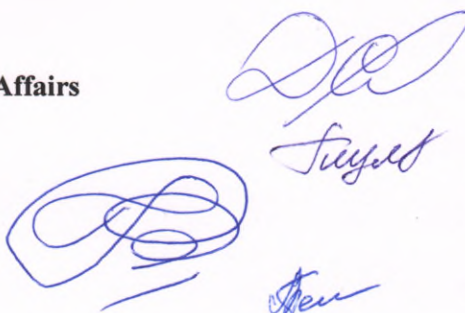
| Experimental-Research Module (13 credits) |        |                                                                                                       |           |    |  |  |  |  |                            |         |
|-------------------------------------------|--------|-------------------------------------------------------------------------------------------------------|-----------|----|--|--|--|--|----------------------------|---------|
| MSERW                                     | AAP207 | Master's student experimental research work, including internship and master's project implementation | 2         | 13 |  |  |  |  | Report                     | GSPE MD |
| Module of final attestation (12 credits)  |        |                                                                                                       |           |    |  |  |  |  |                            |         |
| FA                                        | ECA206 | Registration and defense of the master's thesis                                                       | 2         | 12 |  |  |  |  | Defense of master's thesis | GSPE MD |
| <b>Total</b>                              |        |                                                                                                       | <b>70</b> |    |  |  |  |  |                            |         |

**Vice-Rector for Research and Academic Affairs**

**Chair of the APC**

**Director of the Institute**

**Head of the Department**



Three handwritten signatures in blue ink are present. The top signature is a cursive signature, the middle one is a more stylized signature, and the bottom one is a shorter signature.

**D. Nauryzbayeva**

**K. Tulegenova**

**K. Rysbekov**

**A. Bekbotayeva**