

## 14. Theoretical training:

| №  | Disciplines code | Name of disciplines                               | Number of academic credits - ECTS | Grade              |                     |                   |
|----|------------------|---------------------------------------------------|-----------------------------------|--------------------|---------------------|-------------------|
|    |                  |                                                   |                                   | letter equivalence | numeric equivalence | traditional grade |
| 1  | 2                | 3                                                 | 4                                 | 5                  | 6                   | 7                 |
| 1  | ET3217           | Electrical engineering                            | 5                                 | A                  | 4                   | 5                 |
| 2  | FK               | Physical culture                                  | 0                                 | A                  | 4                   | 5                 |
| 3  | FK               | Physical culture                                  | 0                                 | A                  | 4                   | 5                 |
| 4  | FK               | Physical culture                                  | 0                                 | A                  | 4                   | 5                 |
| 5  | FK               | Physical culture                                  | 0                                 | A                  | 4                   | 5                 |
| 6  | Fiz(I) 1202      | Physics I                                         | 5                                 | A                  | 4                   | 5                 |
| 7  | Sat              | Satpaev studies                                   | 2                                 | A                  | 4                   | 5                 |
| 8  | Mat(1) 1201      | Mathematics I                                     | 5                                 | A                  | 4                   | 5                 |
| 9  | K (R)Ya1106      | Kazakh (Russian) language                         | 5                                 | A                  | 4                   | 5                 |
| 10 | ISK 1101         | History of Kazakhstan                             | 5                                 | A                  | 4                   | 5                 |
| 11 | Inf 1 102        | Computer science                                  | 5                                 | A-                 | 3.67                | 5                 |
| 12 | IYa1108          | Foreign language                                  | 5                                 | A-                 | 3.67                | 5                 |
| 13 | IYa 1108         | Foreign language                                  | 5                                 | A-                 | 3.67                | 5                 |
| 14 | NGG2302          | Petroleum Geology                                 | 5                                 | A-                 | 3.67                | 5                 |
| 15 | K(R) Ya 1106     | Kazakh (Russian) language                         | 5                                 | A-                 | 3.67                | 5                 |
| 16 | PFNGP3216.1      | Reservoir Petrophysics                            | 5                                 | A-                 | 3.67                | 5                 |
| 17 | OET 2107         | Basics of economic theory                         | 3                                 | A-                 | 3.67                | 5                 |
| 18 | OBZh1103         | Health and safety                                 | 3                                 | A-                 | 3.67                | 5                 |
| 19 | EUP3218          | Organization and planning of production processes | 5                                 | A-                 | 3.67                | 5                 |
| 20 | ISG2209          | General and structural geology                    | 3                                 | A-                 | 3.67                | 5                 |
| 21 | PET1331          | Thermodynamics and heat engineering               | 5                                 | A-                 | 3.67                | 5                 |
| 22 | FJG3215.1        | Physics of Liquids and Gases                      | 3                                 | A-                 | 3.67                | 5                 |
| 23 | EUR 2105         | Ecology and sustainable development               | 3                                 | A-                 | 3.67                | 5                 |
| 24 | HimNG2213.1      | Oil and Gas Chemistry                             | 3                                 | A-                 | 3.67                | 5                 |
| 25 | SAF1101          | Labor protection                                  | 5                                 | A-                 | 3.67                | 5                 |
| 26 | PED4121          | Oilfield Equipment                                | 5                                 | A-                 | 3.67                | 5                 |
| 27 | PET1301          | Petroleum Engineering seminar                     | 5                                 | A-                 | 3.67                | 5                 |
| 28 | SM3214           | Strength of materials                             | 5                                 | A-                 | 3.67                | 5                 |
| 29 | AAP141           | Internship I                                      | 6                                 | A-                 | 3.67                | 5                 |
| 30 | PET1631          | Subsurface hydromechanics                         | 5                                 | B                  | 3                   | 4                 |
| 31 | RGGKM 3302       | Development of gas and gas condensate fields      | 3                                 | B                  | 3                   | 4                 |
| 32 | PK(R)Ya 2203     | Professional Kazakh (Russian) language (C1)       | 3                                 | B                  | 3                   | 4                 |
| 33 | P-o IYa 2204     | Professionally-oriented foreign language          | 3                                 | B                  | 3                   | 4                 |
| 34 | PFiz 1202        | Applied physics                                   | 5                                 | B-                 | 2.67                | 4                 |
| 35 | PET1341          | Petroleum production engineering                  | 5                                 | B-                 | 2.67                | 4                 |
| 36 | Fiz(II) 1202     | Physics II                                        | 5                                 | B-                 | 2.67                | 4                 |
| 37 | Mat(III) 1201    | Mathematics III                                   | 6                                 | B-                 | 2.67                | 4                 |
| 38 | PET1691          | Oil and gas facilities design and operation       | 5                                 | B-                 | 2.67                | 4                 |
| 39 | PET1741          | Design and operation of oil and gas storages      | 5                                 | B+                 | 3.33                | 4                 |
| 40 | PET1131          | Multidisciplinary petroleum project               | 5                                 | B+                 | 3.33                | 4                 |
| 41 | PET1061          | Well logging and formation evaluation             | 5                                 | B+                 | 3.33                | 4                 |
| 42 | Mat(II) 1201     | Mathematics II                                    | 5                                 | B+                 | 3.33                | 4                 |
| 43 | BNGS3303         | Drilling Engineering                              | 5                                 | B+                 | 3.33                | 4                 |
| 44 | OP2109           | Law basics                                        | 3                                 | B+                 | 3.33                | 4                 |
| 45 | ONGD2301         | Oil and Gas Engin. Fundam.                        | 5                                 | B+                 | 3.33                | 4                 |
| 46 | Him I 2.2.13     | Chemistry I                                       | 5                                 | B+                 | 3.33                | 4                 |
| 47 | Fil2111          | Philosophy                                        | 5                                 | B+                 | 3.33                | 4                 |
| 48 | Soc 1104         | Sociology                                         | 3                                 | B+                 | 3.33                | 4                 |
| 49 | PM2209           | Applied mechanics                                 | 5                                 | B+                 | 3.33                | 4                 |
| 50 | Pol 2110         | Political science                                 | 3                                 | B+                 | 3.33                | 4                 |
| 51 | NCG 1203         | Descriptive geometry and computer graphics        | 5                                 | C                  | 2                   | 3                 |
| 52 | PET1091          | Well workover                                     | 5                                 | C                  | 2                   | 3                 |
| 53 | PET1261          | Reservoir Engineering III: reservoir simulation   | 5                                 | C+                 | 2.33                | 3                 |

15. Total number of academic credits - ECTS on theoretical training 22016. By the decision of the State Attestation Commission (Minutes No №101 May of « 22 » 2019 )

Bachelor of engineering and technology (degree / qualification) was awarded  
on specialty 5B070800 Petroleum engineering

Education program

1. Last Name Ertazoyev

2. First Name, Patronymic (in presence of) Yerbolat

3. Date of birth 25 August 1997

4. Previous educational background Certificate, 0867128,  
20 June 2015  
(type, number of document, date of issue)

5. Entrance Examinations Certificate, 2037547,  
9 June 2015  
(type, number of document, date of issue)

6. Entered Kazakh National Research Technical University named after K.I.Satbayev, 2015  
(higher education institution, year of enrollment)

7. Graduated Kazakh National Research Technical University named after K.I.Satbayev, 2019  
(higher education institution, graduation year)

8. Total number of academic credits earned - ECTS 231

9. Grade point average (GPA) 3.39

10. Professional practice

| Internship type       | Number of academic credits - ECTS | Grade              |                     |                   |
|-----------------------|-----------------------------------|--------------------|---------------------|-------------------|
|                       |                                   | letter equivalence | numeric equivalence | traditional grade |
| Industrial internship | 3                                 | B+                 | 3.33                | 4                 |
| Externship            | 0                                 | A                  | 4                   | 5                 |
| Educational practice  | 2                                 | A-                 | 3.67                | 5                 |

11. Final attestation

| Name of disciplines in state examinations | Number of academic credits - ECTS | Grade              |                     |                   |
|-------------------------------------------|-----------------------------------|--------------------|---------------------|-------------------|
|                                           |                                   | letter equivalence | numeric equivalence | traditional grade |
| State examination in the specialty        | 2                                 | B-                 | 2.67                | 4                 |

12. Writing and defense Diploma work (project)  
(of diploma project (work) or dissertation)

| Theme of diploma project (work) or dissertation               | Number of academic credits - ECTS | Grade              |                     |                   |
|---------------------------------------------------------------|-----------------------------------|--------------------|---------------------|-------------------|
|                                                               |                                   | letter equivalence | numeric equivalence | traditional grade |
| Influence of reservoir parameters on economics of Volve field | 4                                 | B-                 | 2.67                | 4                 |

13. Level of compliance with the National Qualification Framework level 6, bachelor

This diploma entitles its owner to perform professional activities in accordance with the higher and post higher educational standards of the



Kazakh National Research

(name of)  
Technical University named

higher educational  
after K.I.Satbayev

(institution)

Almaty

(City)

**SUPPLEMENT  
TO DIPLOMA  
(Transcript)**

No ЖБ-Б № 1510523

30 June 2019  
(date of issue)

99  
(registration number)

Rector

Dean of the Faculty

Secretary

Stamp



N O T V A L I D W I T H O U T D I P L O M A