MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

# WORK CURRICULUM

## for the 2022/2023 academic year

(Enrolment 2021)

APPROVED

Vice-rector for educational work
Igor Sikorsky Kyiv Polytechnic Institute

_____ Anatoliy MELNYCHENKO
"____" _____ 2022

Specialty (code and name) - **184 Mining**
according to the educational-professional program of master's training (specialization)

Educational program **Geoengineering**

Educational degree - **Master**

Graduation department - **Department of Geoengineering**

Faculty (institute) Educational and ScientificInstitute of Energy Saving and Energy Management

Form of study **Part-time**

Study duration **1 year 4 months**

Qualification Master of Mining

| № | Educational components | Name of departments | Volume of the subject | | Number of Auditory hours | | | | | | | | | Self-study | Control measures and their distribution by semesters | | | | | | | | Distribution of auditory hours per week by courses and semesters | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | including | | | | | | | | | | | | | | | | | II course | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | ОС-з11мп (Б: 1, К: 2) | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 3 Semester | | | | | | | |
| | | | | | | Lectures | | Practical | | Laboratory | | | | | | | | | | | | | | including | | | including | | |
| | | | ECTS Credits | General amount | Total | за НП | з урахуван. інд. занять | за НП | з урахуван. інд. занять | за НП | з урахуван. інд. занять | Individual work | | Exams | Tests | Module test | Course project | Coursework calculation and graphic work | Home control work | Summery | Total | Lectures | Practical | Laboratory | Total | Lectures | Practical | Laboratory |
| **1. Normative educational components** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Cycle of professional training** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Practice | Department of Geoengineering | 14 | 420 | | | | | | | | | 420 | | 3 | | | | | | | | | | | | | | | |
| 2 | Master's Thesis preparation | Department of Geoengineering | 12 | 360 | | | | | | | | | 360 | | | | | | | | | | | | | | | | | |
| | TOTAL for the NORMATIVE educational components | | 26 | 780 | | | | | | | | | 780 | | 1 | | | | | | | | | | | | | | | |
| | TOTAL | | 26 | 780 | | | | | | | | | 780 | | 1 | | | | | | | | | | | | | | | |
| | TOTAL | Exams | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Tests | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | | |
| | | Module test | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Course project | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Coursework | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Calculation and graphic work | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Home control work | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Summery | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| № | Type of practice | Date of carrying out | Duration, weeks | Semester |
|---|---|---|---|---|
| | Practice | 01.09-26.10.2022 | 8 | 3 |
| | | | | |

| № | Graduation certification | Date of carrying out |
|---|---|---|
| | Defense of the Master's Thesis | 19.12-31.12.2022 |
| | | |

| Type of work | The norm for 1 student, hours | Name of the departments | Number of students | | TOTAL | |
|---|---|---|---|---|---|---|
| | | | Б | К | Б | К |
| Supervising | 23 | Department of Geoengineering | 1 | 2 | 23 | 46 |
| Consultancy | 1 | Department of Geoengineering | 1 | 2 | 1 | 2 |
| | 1 | Department of Economics and Business | 1 | 2 | 1 | 2 |
| Reviewing | 3 | Department of Automation of electrotecnic and mechatronic complexes | 1 | 2 | 3 | 6 |
| ЕК (0,5xd) | 0,5x4=2 | Department of Geoengineering | 1 | 2 | 2 | 4 |
| TOTAL | 30 | TOTAL | | | 30 | 60 |

d - кількість членів ЕК з даної кафедри

Approved by Institute Academic Council, Meeting protocol № _10_ from May 31, 2022

Head of the Department _____ / Oksana VOVK
(підпис) (П.І.Б.)

Dean of the Faculty (Director of the Institute) _____ /Serhii DENYSIUK/
(підпис) (П.І.Б.)