



National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

STUDY PLAN

for the 2018/2019 academic year

(Enrolment 2017)

APPROVED
by first Vice-rector of Igor Sikorsky Kyiv Polytechnic Institute

Y. Yakymenko

" " 2018

Speciality

Specialization

for an educational professional program of master's training

Level

Graduation Department

- **131 - Applied mechanics**

- **Information systems and technologies in aircraft engineering**

- **Master**

- **Department of dynamics and strength of machines and strength of materials**

Faculty (Institute)

Form of study

Study duration

Institute of Mechanical
Engineering

full-time

1 years 4 months

Qualification

Researcher

| Code | Subjects | Department | Amount | | Lectures/ Practical | | | | | | | | Self-study | Control measures and their distribution by semester | | | | | | | | | | Distribution of class hours per week by courses and semesters | | | | | |
|---------------------------|--------------------------------|---------------------------------------------------------------------------|-----------------------|-----------------|---------------------|---------------------|-----------|------------|---------------------|-----------|-----------|------------|------------|-----------------------------------------------------|-------|-------------|---------------------|-----------------|------------|---------------------|------------|------------|----------|---------------------------------------------------------------|----|---------------|----|----|----|
| | | | Number of credits | Number of hours | Total | Lectures | | | | Practical | | Laboratory | | Individual lessons | Exams | Final tests | Modular, test works | Course projects | Coursework | personal assignment | home tests | Подготовка | 2 Course | | | MP-72mp (7+0) | | | |
| | | | | | | 3 semester | | | 4 semester | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 18 weeks | | | 18 weeks | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Lectures/ Practical | | | Lectures/ Practical | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Lectures | Practical | Laboratory | Total | Lectures | Practical | Laboratory | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| I. GENERAL TRAINING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I.3.Science Research | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Pre-diploma practice | Department of dynamics and strength of machines and strength of materials | 14 | 420 | | | | | | | | | 420 | 3д | | | | | | | | | | | | | | | |
| 2 | Writing a Masters Dissertation | Department of dynamics and strength of machines and strength of materials | 16 | 480 | | | | | | | | | 480 | | | | | | | | | | | | | | | | |
| TOTAL IN GENERAL TRAINING | | | 30 | 900 | | | | | | | | | 900 | 1д | | | | | | | | | | | | | | | |
| TOTAL | | | 30 | 900 | | | | | | | | | 900 | 1д | | | | | | | | | | | | | | | |
| Number of | | | exams | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | final tests | | | | | | | | | | | | 1д | | | | | | | | | | | | | | |
| | | | modular, test works | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | course projects | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | number of courseworks | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | personal assignment | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | home tests | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Abstracts | | | | | | | | | | | | | | | | | | | | | | | | | | |

PRACTICE

| № | Kind of practice | Period | Duration in weeks | Semester |
|---|----------------------|---------------------------------|-------------------|----------|
| 1 | Pre-diploma practice | from 03.09.2018 to 28.10.2018p. | 8 | 3 |

Examination of graduates

| № | Form of Examination | Period |
|---|------------------------------|----------------------------------|
| 1 | Masters Dissertation Defense | from 24.12.2018 to 31.12.2018 p. |

DISTRIBUTION OF HOURS FOR PREPARATION AND DEFENCE OF THE MASTERS DISSERTATION

| Type of work | Norm in hours per 1 student | Department | Number students | | Hours in general | |
|-------------------|-----------------------------|---------------------------------------------------------------------------|-----------------|---|------------------|---|
| | | | B | C | B | C |
| Supervising | 32 | Department of dynamics and strength of machines and strength of materials | 7 | | 224 | |
| Counseling | 2 | Department of Applied Hydro-Aeromechanics and Mechatronics | 7 | | 14 | |
| Reviewing | 4 | Department of Applied Hydro-Aeromechanics and Mechatronics | 7 | | 28 | |
| Examination board | 0,5 x4=2 | Department of dynamics and strength of machines and | 7 | | 14 | |
| Hours in general | 40 | Hours in general | | | 280 | |

Approved at the Meeting of the Institute's Academic Council No. 8 on 23/04/2018

Head of the Department _____ / Babenko A.

Dean of the Faculty (Director of the Institute) _____ / Bobyr M. _____ /

NOTE: compiled for each academic year separately in accordance with the curriculum.