# KIMYO INTERNATIONAL UNIVERSITY IN TASHKENT

## SCHOOL OF ENGINEERING

### CURRICULUM: LIFT ENGINEERING

#### FIRST YEAR

**1 SEMESTER**
- Computer Science 1
- Engineering Drawing 1
- Mathematical Analysis 1
- Linear Algebra and Geometry
- Technical English

**2 SEMESTER**
- Chemistry
- Computer Science 2
- Mathematical Analysis 2
- Physics 1

#### SECOND YEAR

**1 SEMESTER**
- Introduction to Lift Engineering
- Engineering Drawing 2
- Fundamentals of Circuit Theory
- Physics 2

**2 SEMESTER**
- Installation of Elevators
- Applied Mechanics
- Basics of Mechatronics
- Academic Internship 1

#### THIRD YEAR

**1 SEMESTER**
- Logics and Algorithms
- Rational Mechanics
- Electrical Machines
- Fundamentals of Strength of Materials

**2 SEMESTER**
- Fundamentals of Machine Design
- Design of Mechatronic Systems
- Lift Construction
- Internship 2

#### FOURTH YEAR

**1 SEMESTER**
- Metrology and Statistics
- Manufacturing Process
- Quality Control
- Elective module (1 out of 3)

**2 SEMESTER**
- Undergraduate practice
- Graduation research (project)
# CURRICULUM: LIFT ENGINEERING, ELECTIVES LIST

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**First Year**

- Elevator Troubleshooting and Safety Management
- Elevator Assembly Technology
- Maintenance and Repair of Elevators