



Politechnika Łódzka

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Organizational unit running the field of study:

Faculty of Material Technologies and Textile Design

Cycle of study:

First-cycle

Mode of study:

Full-time (degree programme)

Language of instruction:

Polish

Degree awarded:

Bachelor of Science

Duration of study:

3,5 years

Description of the field of study:

Individuals who choose to pursue a degree in Advanced Design and Technology learn the knowledge and skills required for industrial design. They study:

- innovative materials science,
- optimization of construction and industrial manufacturing techniques,
- methods of consumer behaviour and competitive behaviour analysis,
- cost analysis of new product development process,
- presentation drawing, advertising photography, construction of mock-ups, models, and prototypes,
- team project management and financial management of a design company.

The curriculum is focused on the practical skills of holistic and multifaceted product design. In their term projects, students work on real-life problems/tasks encountered in industrial or laboratory practice. Students acquire practical competence to work as an industrial designer during their first -cycle inżynier degree studies.

Graduate profile:

Graduates with a degree in Advanced Design and Technology have the knowledge required for industrial design as well as the skills, including practical skills, in the following areas:

- design methods and knowledge about design,
- workmanship and technique to design/create the product form,
- materials science and manufacturing technologies,
- economics of production and market economy principles,
- design ergonomics and other human-centered approaches to design.

They are ready to take up employment in organizations in operating in the following sectors: plastics processing, light industry and packaging industry. They can work as designers specializing in industrial forms both in functions responsible for new product development and as independent designers. They can run design firms providing services in the field of industrial design, in particular, the design of industrial forms.

Date of enrolment:

12th of June.2023 - 29th of June 2023

Admission requirements:

- [Admissions calendar](#) [1]
- [Required documents](#) [2]
- [Fees](#) [3]

- [Drawing skills exam](#) [4]

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Links

[1] <https://rekrutacja.p.lodz.pl/en/deadlines> [2] <https://rekrutacja.p.lodz.pl/en/documents> [3] <https://rekrutacja.p.lodz.pl/en/tuition-fees> [4] <https://rekrutacja.p.lodz.pl/en/drawing-skills-exam>