

Title Elective course I (Wykład specjalistyczny (obieralny))	Code 1010401161010410752
Field EDUCATION IN TECHNOLOGY AND INFORMATICS	Year / Semester 3 / 6
Specjalty -	Course core
Hours Lectures: 2 Classes: - Laboratory: - Projects / seminars: -	Number of credits 3
	Language polish

Lecturer:

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Status of the course in the study program:

Core course of the study for Education in Technology and Informatics, Faculty of Technical Physics.

Assumptions and objectives of the course:

Knowledge about physical methods used in modern medicine.

Contents of the course (course description):

Optical and electron microscopy. X-rays. X-rays diagnostics. Computer tomography. Natural and artificial radiation. Cancer radiotherapy. Scintigraphy. PET. MNR, EPR, Laser in medical sciences. Thermo vision. Optical spectroscopy.

Introductory courses and the required pre-knowledge:

Basic knowledge in physics.

Courses form and teaching methods:

Lectures

Form and terms of complete the course - requirements and assessment methods:

Writing exam.

Basic Bibliography:

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Additional Bibliography:

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