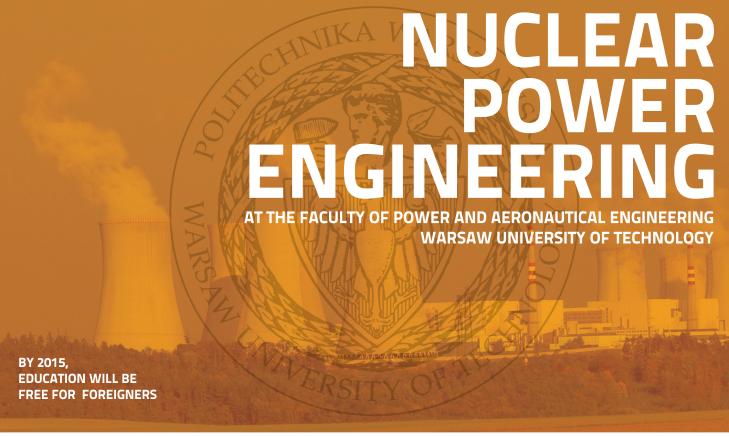


NUCLEAR POWER ENGINEERING

TERMS OF ADMISSIONS:
WWW.CWM.PW.EDU.PL/EN

CANDIDATES MAY APPLY BEFORE THE SUMMER, OR BEFORE THE WINTER SEMESTER. THE STUDIES MAY BEGIN FROM THE FIRST, OR FROM THE SECOND SEMESTER.











MORE INFORMATION: NIKOLAJ UZUNOW UZUNOW@ITC.PW.EDU.PL +48 22 234 52 97

2ND DEGREE STUDIES 4 SEMESTERS

the first semester is a summer semester

IN ENGLISH IN COLLABORATION WITH

THE FACULTY OF PHYSICS, WUT NATIONAL CENTRE FOR NUCLEAR RESEARCH

Come to the Faculty of longest tradition and largest experience in education in the field of nuclear power in Poland, at the largest and best national technical university!

- Young and vigorous group of teachers
- Modern didactic programme
- Collaboration with world leading centres
- Excercises at the MARIA research reactor
- Internships abroad
- Broad oportunities of professional career

PROGRAMME:

- ELEMENTS OF NUCLEAR PHYSICS;
- NUCLEAR REACTOR PHYSICS
- CONTEMPORARY NUCLEAR REACTOR SYSTEMS
- NUCLEAR FUELS AND FUEL CYCLES;
- NUCLEAR INSTRUMENTATION AND CONTROL
- NPP SAFETY
- NPP OPERATION AND MAINTENANCE;
- GENIV NUCLEAR REACTOR SYSTEMS
- THERMONUCLEAR SYNTHESIS
- NUCLEAR ENERGY AND INTERNATIONAL SECURITY
- GENERAL COURSES (MAINLY ON MODELLING AND SIMULATION)
- INTERNSHIP AT A NUCLEAR INSTALLATION

Diploma internships at nuclear installations -

foreign (France, Germany, USA, Sweden, Swit-

zerland, Belgium) or national (NCBJ - Świerk,

IChTI)

Collaboration with

- leading universities (KTH Royal Institute of Technology, Stockholm; TUD - Technische Universitaet Dresden; I2EN - International Institute of Nuclear Energy, Paris; Oregon State University; et al),
- research institutes (NCBJ National Centre for Nuclear Research; IChTJ Institute of Nuclear Chemistry and Technology; CEA Commissariat a'lEnergie Atomique, France; HZDR Helmholtz
 Zentrum Dresden-Rosendorf; CERN Organisation Europeene pour la Recherche Nucleaire, Geneve; et al),
- enterprises (PGE Energia Jądrowa; Areva; Westinghouse; General Electric - Hitachi; EDF; GDF-Suez; CEZ; et al).

REQUIREMENTS FOR CANDIDATES:

- BACHELOR OR MASTER DEGREE
 IN ENGINEERING OR UNIVERSITY PHYSICS
- EQUALISING EXAM ON THERMODYNAMICS (DURING THE STUDIES)
- IF NEEDED, OTHER EQUALISING EXAMS (DURING THE STUDIES)



CAREER OPPORTUNITIES:

- branch companies PGE, Enea, Tauron, EDF, GDF-Suez, RWE, Vattefall, Areva, General Electric, Westinghouse
- company research and development departments
- universities and research centres doctor studies/research projects
- state administration units (nuclear regulatory body, technical inspection)