

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI
FACULTY OF CHEMICAL ENGINEERING AND ENVIRONMENTAL PROTECTION
Domaine: Environmental Engineering
Specialization: **ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE ENERGY**
Title of graduated: Master in „Environmental Management and Sustainable Energy”
Period of studies : 2 years
Learning program: daily in english

CURRICULUM

Year I (2016-2017)

Policies and strategies for sustainable development

Optio-nal 1: Ecology and environmental protection / Advanced water and air treatment technologies

Solid waste management

Environmental assessments (impact, audit)

Environmental monitoring

Integrated environmental management

Sustainable industrial production

Sustainable energy production

ICT applications for environmental protection

Optional 2: Electromagnetic pollution / Data aquisition and teletransmission

Year II (2017-2018)

Sustainable consumption and integrated product policies

Life cycle assessment

Optional 3: Research planning and project management / Ecodesign and product development

Optional 4: GIS techniques / Modeling and simulation of environmental processes

Industrial and ecological risk management

Scientific research for disertation project

Elaboration of the disertation project