

First Semester			
Code	Name of the lesson	Required/Elective	Credit
ITE503	Energy Economics	Required Courses	6
ITE505	Renewable Energy Sources	Required Courses	6
ITE527	Energy Efficient Lighting Technologies	Required Courses	6
	Elective Courses	Elective Courses	6
	Elective Courses	Elective Courses	6
Second Semester			
Code	Name of the lesson	Required/Elective	Credit
ITE502	Sustainable Energy Management	Required Courses	6
ITE592	Seminar	Required Courses	6
ITE526	Wind Energy	Required Courses	6
	Elective Courses	Elective Courses	6
	Elective Courses	Elective Courses	6
Third Semester			
Code	Name of the lesson	Required/Elective	Credit
MET-B01	Individual work	Required Courses	30
ITE790	Thesis	Required Courses	30

Elective Courses			
Code	Name of the lesson	Required/Elective	Credit
ITE519	Solar Energy and its Applications	Elective Courses	6
ITE521	Fuels and Combustion Technology	Elective Courses	6
ITE523	Coal Processing Technologies	Elective Courses	6
ITE524	Energy Audit for Buildings	Elective Courses	6
ITE529	Different Energy Sources, Sustainability and Life Cycle Ass.	Elective Courses	6
ITE531	Waste-to-Energy Systems Credit	Elective Courses	6
ITE520	Electrochemical Energy Conversion Systems	Elective Courses	6
ITE522	Renewable Energy Sources and Smart Grids	Elective Courses	6
ITE525	Management of Energy Plant Wastes	Elective Courses	6
ITE528	Nuclear Energy and Politics	Elective Courses	6

Curriculum

Master Program in Energy Efficiency in Buildings



Access to Further Studies

May apply to doctorate programmes in any field or proficiency in fine arts programmes.

Key Learning outcomes

- 1 Understanding scientific research processes and expressing them.
- 2 Interpreting and applying the obtained interdisciplinary knowledge.
- 3 Studying on a multidisciplinary subject with multidisciplinary teams.
- 4 Have life-long learning, access information, and follow developments.
- 5 The ability of doing scientific research and finding related references.
- 6 Understanding the problems of our age and offering solutions.