Università degli Studi di Cagliari
FACOLTA' DI INGEGNERIA E ARCHITETTURA

MASTER'S DEGREE IN ENERGETIC ENGINEERING

DEGREE PROGRAMME 2014/2015

Course contents are available at this link

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Nuclear Reactor Physics	FIS/04	C	9	90
1	Power Systems Generation and Economics	ING-IND/33	B	9	90
1	Occupational Safety and Environmental Protection		F	6	60
	Integrated Course: Energetics and Thermal Hvac Systems				
1	- Module: Thermal Hvac Systems	ING-IND/11	B	6	60
2	- Module: Energetics	ING-IND/11	B	6	60
2	Exploration Geophysics	GEO/11	C	6	60
2	Energy Systems 1	ING-IND/09	B	8	80

2nd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Thermal Plant Control	ING-INF/04	C	9	90
1	Applied Electromagnetism in Electrical and Energy Engineering	ING-IND/31	C	6	60
	Integrated Course: Electrical Energy Management and Electrical Vehicles				
1	- Module: Electrical Energy Management	ING-IND/32	B	7	70
2	- Module: Electrical Vehicles	ING-IND/32	B	5	50
2	Environmental Conscious Energy and Chemical Processes	ING-IND/25	B	9	90
2	Renewable Energy Technologies	ING-IND/08	B	6	60

Additional credits to be acquired

Sem	Activity	SSD*	TAF*	Credits	h
	Elective activities[1]		D	13	
	Final Examination		E	15	

TOTAL CREDITS 120

(1) The elective activities must be consistent with the personal educational plan and they need approval by the Degree Programme Board.

***Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity