

Ingegneria dell'Ambiente e del Territorio – Climate Change				
PIANO DI STUDI INGEGNERIA AMBIENTALE				
PRIMO ANNO				
INSEGNAMENTO	SSD POLITO	CFU	CODICE	PD
Applied hydrology/Environmental fluid mechanics	ICAR/02 (6); ICAR/01 (6)	12	01UCHNF	I
Climate change mitigation	ICAR/03 (4); ICAR/05 (2)	6	02UCDNF	I
The climate system	ICAR/02 (6); ICAR/01 (2)	8	01TZSNF	I
Resources and Environmental Sustainability	ICAR/03 (8)	8	04OULNF	I
Renewable energy resources	ICAR/02 (3); ICAR/03(3)	6	01UCKNF	II
Environmental Spatial Analysis	ICAR/06 (4); ICAR/01 (1); ING-IND/30 (1)	6	05SQZNF	II
Landslides and slope engineering	ING-IND/28 (6)	6	01RKQNF	II
Remote sensing/Applied geophysics	ICAR/06 (6); GEO/11 (6)	12	01UCMNF	II
SECONDO ANNO				
Groundwater engineering	ICAR/03 (6); ING-IND/30 (2)	8	01UCLNF	I
Climate change adaptation	ICAR/02 (4); ING-IND/28 (2); ICAR/01 (2)	8	01TZTNF	II
Innovation lab for climate change	GEO/11 (3); ICAR/06 (3)	6	01UCENF	II
INSEGNAMENTO A SCELTA LIBERA		6		I, II
Data science and machine learning for engineering applications	ING-INF/05	6	01DSTMW	II
Fundamentals of energy conversion, transport and storage	ING-IND/10 (4), ING-IND/33 (2)	6	01DSUMW	II
Tesi		16		

INSEGNAMENTO A SCELTA LIBERA (primo CdS)		6	I,II	
Impianti idroelettrici	ICAR/02	6	04KBHND	I
Valutazione del danno ambientale e compatibilità	ICAR/03	6	01RKSNF	II
Geothermal Energy	GEO/05	6	01RXCND	II
Valutazione di Impatto Ambientale e LCA	ING-IND/19	6	01UUMND	II
Utilizzo Sostenibile delle Biomasse	ING-IND/27	6	01QXGMW	I
Aerosol technology and air quality	ING-IND/11	6	01USDND	I
Fixation and recycle of CO ₂ for greenhouse effect mitigation	ING-IND/27 (3); ICAR/03 (3)	6	01VJBMW	II
tirocinio		8		

SECONDO CDS (seconda laurea magistrale)

Ingegneria Energetica e Nucleare				
PIANO DI STUDI INGEGNERIA ENERGETICA				
ANNO UNICO/TERZO ANNO				
INSEGNAMENTO	SSD POLITO	CFU	CODICE	PD
Fundamentals of energy technologies	ING-IND/10 (4), ING-IND/11 (2)	6	codificare	I
Energy storage	ING-IND/10	6	01TVHND	II
Solar photovoltaic systems	ING-IND/33	6	01TVAND	I
Solar thermal technologies	ING-IND/11-19	8	01TVCND	II
Polygeneration and advanced energy systems	ING-IND/10 (10)	10	01QGXND	I
Energy Audit and certification of buildings	ING-IND/11	6	01RXGND	II
Energy networks	ING-IND/10-33	8	01TVJND	I
Management		4	codificare	I
Challenge		8		