

UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA  
CENTRUL UNIVERSITAR NORD DIN BAI A MARE  
FACULTATEA DE RESURSE MINERALE SI MEDIU

Plan de învățământ valabil  
începând cu anul universitar  
2014 - 2015

FORMA: ZI

DURATA: 6 SEMESTRE

DIPLOMA: Licenta

Domeniul fundamental: Matematica, Informatica Si Stiinte Naturale

Domeniul: Stiinta mediului

Programul de studii: Stiinta Mediului

STM



Sem.	NR.	COD DISC.	DISCIPLINA	CAT	TIP	C	S	L	P	Cer.	Gr.	CR. P	CR. Cer.	TOT. CR.	Formă verif.	TOT. ORE	CURS	S/L/P	CER.	PR.	PR. IND.
1	01	RSTML101	Bazele științei mediului	Ob	DF	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	E	42.00	28.00	14.00	0.00	0.00	62.00
	02	RSTML102	Chimie generală	Ob	DF	2.00	0.00	2.00	0.00	0.00	4.00	0.00	0.00	4.00	E	56.00	28.00	28.00	0.00	0.00	48.00
	03	RSTML103	Geologie-Dinamică internă	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00
	04	RSTML104	Biologie animală	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00
	05	RSTML105	Informatică aplicata	Ob	DF	1.00	0.00	3.00	0.00	0.00	4.00	0.00	0.00	4.00	C	56.00	14.00	42.00	0.00	0.00	48.00
	06	RSTML106	Geografie fizică generala	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00
	07	RSTML107	Limbă străină 1	Ob	DC	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	28.00	0.00	28.00	0.00	0.00	24.00
	08	RSTML108	Educație fizică și sport	Ob	DC	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	A/R	14.00	0.00	14.00	0.00	0.00	0.00
						11.00	3.00	12.00	0.00	0.00											
						0		0		0.00											
						Total				26.00	30.00										
2	01	RSTML201	Fizica mediului	Ob	DF	2.00	0.00	2.00	0.00	0.00	4.00	0.00	0.00	4.00	E	56.00	28.00	28.00	0.00	0.00	48.00
	02	RSTML202	Chimia mediului	Ob	DF	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	E	42.00	28.00	14.00	0.00	0.00	62.00
	03	RSTML203	Geologie-Dinamică externă	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00
	04	RSTML204	Biologie vegetală	Ob	DF	2.00	0.00	2.00	0.00	0.00	4.00	0.00	0.00	4.00	E	56.00	28.00	28.00	0.00	0.00	74.00
	05	RSTML205	Geografia mediului	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	72.00
	06	RSTML206	Limbă străină 2	Ob	DC	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	28.00	0.00	28.00	0.00	0.00	24.00
	07	RSTML207	Educație fizică și sport 2	Ob	DC	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	A/R	14.00	0.00	14.00	0.00	0.00	0.00
	08	RSTML208	Geografie umană	Op	DF	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	C	42.00	28.00	14.00	0.00	0.00	62.00
	08	RSTML208	Anatomia si igiena omului	Op	DF	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	C	42.00	28.00	14.00	0.00	0.00	62.00
	09	RSTML209	Aplicație practică 2 săptămâni	Ob	DS	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	C	0.00	0.00	0.00	0.00	60.00	0.00

2	10	RSTML210	Matematică	F	DC	2.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	56.00	28.00	28.00
						12.00	3.00	10.00	0.00	0.00								
						0	0	0	0	0								
						<b>Total</b>					<b>25.00</b>	<b>30.00</b>						





3	NR.	COD DISC.	DISCIPLINĂ	CAT	TIP	C	S	L	P	Cer.	Cr.	CR. P	CR.	TOT.	Formă	TOT.	CURS	S/L/P	CER.	PR.	PR.	
															verif.	ORE						
	01	RSTML301	Geologie ambientală	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	02	RSTML302	Ecologie generala	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	03	RSTML303	Geomorfologie și cuaternar	Ob	DS	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	04	RSTML304	Geochimia mediului	Ob	DS	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	42.00	28.00	14.00	0.00	0.00	88.00	
	05	RSTML305	Microbiologie	Op	DS	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	C	42.00	28.00	14.00	0.00	0.00	88.00	
	05	RSTML305	Geofizică generală	Op	DS	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	C	42.00	28.00	14.00	0.00	0.00	88.00	
	06	RSTML306	Mineralogia mediului	Ob	DC	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	07	RSTML307	Prelucrarea datelor și elemente de statistică	F	DC	2.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	56.00	28.00	28.00	0.00	0.00	0.00	

10.0 0.00 9.00 0.00 0.00

**Total** 19.00 25.00

4	NR.	COD DISC.	DISCIPLINĂ	CAT	TIP	C	S	L	R	Cer.	Cr.	CR. P	CR.	TOT.	Formă	TOT.	CURS	S/L/P	CER.	PR.	PR.	
															verif.	ORE						IND.
	01	RSTML401	Poluarea și protecția mediului	Ob	DF	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	02	RSTML402	Dreptul mediului, legislație și strategii	Ob	DF	2.00	1.00	0.00	0.00	0.00	4.00	0.00	0.00	4.00	E	42.00	28.00	14.00	0.00	0.00	62.00	
	03	RSTML403	Meteorologie - Climatologie	Ob	DS	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	04	RSTML404	Știința soluțiilor	Ob	DS	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	05	RSTML405	Hidrologie și oceanografie	Ob	DS	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	0.00	74.00	
	06	RSTML406	Hidrobiologie	Op	DS	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	C	42.00	28.00	14.00	0.00	0.00	62.00	
	06	RSTML406	Paleontologie și micropaleontologie	Op	DS	2.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	4.00	C	42.00	28.00	14.00	0.00	0.00	62.00	
	07	RSTML407	Practică de specialitate	Ob	DS	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	0.00	0.00	0.00	0.00	90.00	0.00	
	08	RSTML408	Mediul și integrarea europeană	F	DC	2.00	1.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	C	42.00	28.00	14.00	0.00	0.00	10.00	

10.0 1.00 8.00 0.00 0.00

**Total** 19.00 26.00

5	NR.	COD DISC.	DISCIPLINA	CAT	TIP	C	S	L	P	Cer.	Cr.	CR P	CR Cer.	TOT CR	Formă verif.	TOT ORE	CURS	S/L/P	CER.	PR. IND.
	01	RSTML501	Hidrogeologie ambientala	Ob	DF	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	42.00	28.00	14.00	0.00	85.00
	02	RSTML502	Ecotoxicologie	Ob	DS	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	42.00	28.00	14.00	0.00	88.00
	03	RSTML503	Metodologia intocmirii studilor de impact	Ob	DS	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	88.00
	04	RSTML504	Resurse minerale, energetice si mediul inconjurator	Ob	DC	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	42.00	28.00	14.00	0.00	88.00
	05	RSTML505	Metode instrumentale de analiza	Ob	DC	2.00	1.00	0.00	0.00	0.00	5.00	0.00	0.00	5.00	C	42.00	28.00	14.00	0.00	88.00
	06	RSTML506	Microbiologia mediului	Ob	DC	2.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	5.00	E	56.00	28.00	28.00	0.00	74.00
	07	RSTML507	Principiile documentarii, redactarii si intocmirii rapoartelor de mediu	F	DS	2.00	0.00	1.00	0.00	0.00	2.00	0.00	0.00	2.00	C	42.00	28.00	14.00	0.00	10.00
						12.00	1.00	7.00	0.00	0.00										
										20.00	30.00									



6	NR.	COD DISC.	DISCIPLINA	CAT	TIP	C	S	L	P	Cer.	Cr.	CR P	CR Cer.	TOT CR	Formă verif.	TOT ORE	CURS	S/L/P	CER.	PR. IND.
	01	RSTML601	Activitatile antropice si efectele asupra mediului	Ob	DF	2.00	0.00	3.00	0.00	0.00	6.00	0.00	0.00	6.00	E	50.00	20.00	30.00	0.00	106.00
	02	RSTML602	Monitoringul integrat asupra mediului	Ob	DS	2.00	0.00	2.00	0.00	0.00	6.00	0.00	0.00	6.00	E	40.00	20.00	20.00	0.00	116.00
	03	RSTML603	Modificări globale ale mediului	Ob	DS	2.00	2.00	0.00	0.00	0.00	6.00	0.00	0.00	6.00	E	40.00	20.00	20.00	0.00	116.00
	04	RSTML604	Economia si managementul mediului	Op	DC	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	30.00	20.00	10.00	0.00	100.00
	04	RSTML604	Biotehnologii	Op	DC	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	E	30.00	20.00	10.00	0.00	100.00
	05	RSTML605	Managementul arilor protejate	Op	DC	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	C	30.00	20.00	10.00	0.00	100.00
	05	RSTML605	Monitoring ecologic	Op	DC	2.00	0.00	1.00	0.00	0.00	5.00	0.00	0.00	5.00	C	30.00	20.00	10.00	0.00	100.00
	06	RSTML606	Practică elaborarea lucrării de licență (3 săptămâni)	Ob	DS	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	F	0.00	0.00	0.00	0.00	90.00
						6.00	2.00	5.00	0.00	0.00										
										13.00	20.00									

RECTOR  
Prof.univ.dr.ing. GABRIEL VLAICU



DECAN  
Prof.dr.ing. VASILE OROS

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DIRECTOR DEPARTAMENT  
Conf.univ.dr. IOAN DENUT

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VARIANTA „0”  
OAC - GUNBAM  
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