

## PLAN DE INVATAMANT

- Studii universitare de licenta -

Domeniul: **INGINERIE MECANICA**

Programul: **INGINERIE MECANICA IN LIMBA FRANCEZA**

An 1/Sem 1			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat	
						C	S	L	P				
1	1	UPB.12.1.001.I.FM	Analiza matematica I	Analyse I	E	3	2			6	F	O	
2	2	UPB.12.1.002.I.FM	Algebra liniara	Algebre lineaire	E	2	2			4	F	O	
3	3	UPB.12.1.006.I.FM	Grafica ingineriasca I	Graphique technique I	V	1		2		4	F	O	
4	4	UPB.12.1.003.I.FM	Chimie generala	Chimie generale	E	2	1			3	F	O	
5	5	UPB.12.1.004.I.FM	Stiinta materialelor I	Science des materiaux I	E	2		1		4	T	O	
6	6	UPB.12.1.005.I.FM	Bazele informaticii	Fondements de l'informatique	V	1		2		3	F	A	
7	7	UPB.12.1.007.I.FM	Expresie si comunicare I	Expression et communication I	C	1	1			2	S	O	
8	8	UPB.12.1.007.O.FM	Cultura si civilizatie franceza I	Techniques et systemes de travail	V		2			2	C	A	
9	9	UPB.12.1.009.I.FM	Educatie fizica	Education physique	V			2		2	C	A	
9	9	UPB.12.1.011.O.FM	Limba straina b. (Engleza/Germana)	Langue etrangere. b (Anglais/Allemande)	V		2			2	C	A	
6	6	UPB.12.1.010.I.EM	Matematici discrete	Mathematiques discrettes	V	2	1			3	F	A	
			Limba engleză pentru studii academice ingineresti I	English for Engineering Academic Study I	V	1	1			2	C	L	
			Limba si cultura romana (pentru straini) I	Romanian Language (for foreign students) I	V		2			2	C	L	
			Psihologia educatiei	Psihologia educatiei	E	2	2			5	C	L	
<b>TOTAL sem 1:</b>						<b>27</b>	<b>12</b>	<b>8</b>	<b>7</b>	<b>0</b>	<b>30</b>		

An 1/Sem 2			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat	
						C	S	L	P				
10	1	UPB.12.2.001.I.FM	Analiza matematica II	Analyse II	E	3	2			6	F	O	
11	2	UPB.12.2.002.I.FM	Fizica I	Physique I	E	2	1	1		5	F	O	
12	3	UPB.12.2.003.I.FM	Mecanica I	Mecanique I	E	2	1			3	T	O	
13	4	UPB.12.2.004.I.FM	Grafica ingineriasca II	Genie graphique II	C	2		2		4	F	O	
14	5	UPB.12.2.005.I.FM	Limbaje de programare	Langages de programmation	E	1		2		3	F	O	
15	6	UPB.12.2.006.I.FM	Stiinta materialelor II	Science des materiaux II	E	2		1		3	T	O	
16	7	UPB.12.2.007.I.FM	Expresie si comunicare II	Expression et communication II	V	1	1			2	S	O	
17	8	UPB.12.2.008.O.FM	Cultura si civilizatie franceza II	Techniques et systemes de travail	V		2			2	C	O	
18	9	UPB.12.2.009.I.FM	Educatie fizica	Education physique II	V			2		2	C	A	
18	9	UPB.12.2.010.O.EM	Limba straina b. (Franceza/Germ)	Langue etrangere. b (Anglais/Allemand)	V		2			2	C	A	
			Limba engleză pentru studii acad	English for Engineering Academic Study II	V	1	1			2	C	L	
			Limba si cultura romana (pentru straini) II	Romanian Language (for foreign students) II	V		2			2	C	L	
			Pedagogie 1	Pedagogie 1	E	2	2			5	C	L	
<b>TOTAL sem 2:</b>						<b>28</b>	<b>13</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>30</b>		
<b>TOTAL AN I:</b>						<b>55</b>	<b>25</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>60</b>		

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An 2/Sem 3			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
19	1	UPB.12.3.001.I.FM	Matematici speciale I	Mathematiques pour ingenieurs I	E	2	2			5	F	O
20	2	UPB.12.3.002.I.FM	Statistica si Probabilitati	Probabilites et statistique	E	1	1			2	F	O
21	3	UPB.12.3.003.I.FM	Fizica II	Physique II	E	2		1		4	F	O
22	4	UPB.12.3.005.I.FM	Rezistenta materialelor I	Resistance des materiaux I	E	2	2			4	T	O
23	5	UPB.12.3.004.I.FM	Introducere in ingineria mecanica	Introduction en genie mecanique	C	1	1	2		5	S	O
24	6	UPB.12.3.007.I.FM	Electrotehnica	Electrotehnique I	C	2	1			3	T	O
25	7	UPB.12.3.006.I.FM	Mecanica II	Mecanique II	C	2	1			3	T	O
26	8	UPB.12.3.010.I.FM	Comunicare tehnică I	Traitement des documents technici	C		2			2	S	O
27	9		Microeconomie	Microeconomie	C	1	1			2	C	O
			Limba si cultura romana (pentru straini) III	Romanian Language (for foreign students) III	V		2			2	C	L
			Pedagogie 2	Pedagogie 2	E	2	2			5	C	L
<b>TOTAL sem 3:</b>					<b>27</b>	<b>13</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>30</b>		

An 2/Sem 4			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
28	1	UPB.12.4.001.I.FM	Matematici speciale II	Mathematiques pour ingenieurs II	E	2	2			5	F	O
29	2	UPB.12.4.002.I.FM	Mecanica III	Mecanique III	E	1	1			2	T	O
30	3	UPB.12.4.003.I.FM	Rezistenta materialelor II	Resistance des materiaux II	E	2	1			3	T	O
31	4	UPB.12.4.005.I.FM	Procedee de fabricatie I	Procedes de fabrication I	C	2		1		3	T	O
32	5	UPB.12.4.006.O.FM	Masini electrice	Machines electriques	E	2	1			3	T	A
33	6	UPB.12.4.007.I.FM	Organe de masini si mecanisme	Elements des machines et mecan	E	2		1		4	T	O
34	7	UPB.12.4.004.I.FM	Metode numerice	Methodes numeriques	C	2	1			3	F	O
35	8		Instrumente software in ingineria mecanica I (design corp solid)	Logiciels de genie mecanique I (design corps solides)	C	2		1		3	S	O
36	9	UPB.12.4.009.I.FM	Comunicare tehnică II	Traitement des documents technici	C		2			2	S	O
37	10	UPB.12.4.008.I.FM	Macroeconomie	Macroeconomie	C	1	1			2	C	O
32	5		Masurari electrice si traductoare	Mesures Electriques et Transducte	E	2	1			3	T	A
			Limba si cultura romana (pentru straini) IV	Romanian Language (for foreign students) IV	V		2			2	C	L
			Didactica specialitatii	Didactica specialitatii	E	2	2			5	C	L
<b>TOTAL sem 4:</b>					<b>28</b>	<b>16</b>	<b>9</b>	<b>3</b>	<b>0</b>	<b>30</b>		
<b>TOTAL AN II:</b>					<b>55</b>	<b>29</b>	<b>20</b>	<b>6</b>	<b>0</b>	<b>60</b>		

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An 3/Sem 5			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
38	1	UPB.12.5.001.I.FM	Analiza cu elemente finite	Analyse par elements finis	E	2		2		4	T	O
39	2	UPB.12.5.002.I.FM	Termodinamica tehnica	Thermodynamique technique	E	2	1	1		5	T	O
40	3	UPB.12.5.003.I.FM	Mecanica fluidelor I	Mecanique des fluides	E	2	1			4	T	O
41	4	UPB.12.5.004.O.FM	Teoria controlului	Systemes de reglage automatique	E	2		1	1	4	T	O
42	5	UPB.12.5.005.I.FM	Comportarea mecanica a materia	Mecanique appliquee des materia	V	2	1			3	T	A
43	6	UPB.12.5.006.I.FM	Organe de masini si mecansme I	Elements des machines et mecan	E	2		1	2	5	T	O
44	7	UPB.12.5.007.I.FM	Procedee de fabricatie II	Procedes de fabrication II	C	2		1		3	T	O
45	8	UPB.12.5.008.I.FM	Administrarea afacerilor	Administration des affaires	C	1	1			2	C	O
42	5	UPB.12.5.009.O.FM	Circuite si componente electronice	Dispositifs electroniques et circuits	V	2	1	1		5	T	A
<b>TOTAL sem 5:</b>						<b>28</b>	<b>15</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>30</b>	

An 3/Sem 6			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
46	1	UPB.12.6.001.I.FM	Transfer de caldura si masa	Transfert de chaleur et de masse	E	3	1	1		4	S	O
47	2	UPB.12.6.002.I.FM	Dinamica masinilor	Dynamique des machines	E	2		2		3	S	O
48	3	UPB.12.6.003.I.FM	Transmisii mecanice	Transmissions mecaniques	E	3		1		3	T	O
49	4	UPB.12.6.004.O.FM	Masurari mecanice	Mesures mecaniques	E	2		1		3	S	A
50	5	UPB.12.6.005.I.FM	Aplicatii ale mecanicii fluidelor	Mecanique des fluides appliquee (	E	2		2		3	T	O
51	6	UPB.12.6.006.I.FM	Calculul structurilor mecanice	Mecanique structurelle	E	2	1	1		4	S	O
52	7	UPB.12.6.007.I.FM	Transmisii mecanice (proiect)	Transmissions mecaniques (Proje	V				2	2	T	O
53	8	UPB.12.6.008.I.FM	Practica industrială	Stage industriel	C					6	T	O
54	9	UPB.12.6.009.I.FM	Bazele managementului I	Fondements du management	C	1	1			2	T	O
49	4	UPB.12.6.010.O.FM	Circuite si componente electronice	Dispositifs electroniques et circuits	E	2		1	1	4	S	A
<b>TOTAL sem 6:</b>						<b>28</b>	<b>15</b>	<b>3</b>	<b>8</b>	<b>2</b>	<b>30</b>	
<b>TOTAL AN III:</b>						<b>56</b>	<b>30</b>	<b>7</b>	<b>14</b>	<b>5</b>	<b>60</b>	

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<b>An 4/Sem 7</b>			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
55	1	UPB.12.7.001.O.FM	Instrumente software in ingineria mecanica	Logiciels de genie mecanique II (design thermique)	C	2		2		4	S	O
56	2	UPB.12.7.003.I.FM	Tribologie	Tribologie	E	2		2		4	T	O
57	3	UPB.12.7.004.I.FM	Procedee de fabricatie avansate si Asigurarea calitatii	Procedes de fabrication avances et Assurance de la qualite	C	2		1		3	T	A
58	4	UPB.12.7.005.I.FM	Dezvoltarea de produse inovante	Conception des produits innovants	V	2			2	3	S	O
59	5	UPB.12.7.006.I.FM	Actionari hidraulice si pneumatice	Asservissement hydraulique et pne	E	2		1		4	T	O
60	6	UPB.12.7.007.I.FM	Electronica	Electronique	E	2		1		4	T	O
61	7	UPB.12.7.002.I.FM	Masini termice I (Motoare cu arde	Machines thermiques I (Moteurs a combustion interne)	E	2	1	1	1	6	S	O
62	8	UPB.12.7.008.I.FM	Management industrial	Management Industriel	C	1	1			2	T	O
57	3	UPB.12.7.009.O.FM	Prelucrarea imaginilor	Analyse et Traitement d'images	C	2		1		4	T	A
<b>TOTAL sem 7:</b>						<b>28</b>	<b>15</b>	<b>2</b>	<b>8</b>	<b>3</b>	<b>30</b>	

<b>An 4/Sem8</b>			Denumire Disciplina	Denumire Disciplina in limba de predare	Forma verificare	Nr ore/sapt				ECTS	Tip	Cat
						C	S	L	P			
63	1	UPB.12.8.004.I.FM	Masini termice II (Turbine si Gen. de abur)	Machines thermiques II (Turbines et Générateurs de vapeurs)	C	2		2		6	S	O
64	2	UPB.12.8.001.I.FM	Refrigerare si conditionarea aerului	Refrigeration et conditionement de	C	2	1	2		6	S	O
65	3	UPB.12.8.003.I.FM	Ingineria mediului	Genie de l'environement	C	2	1			4	S	A
66	4	UPB.12.8.002.I.FM	Proiect de licenta	Projet de fin d'etudes	V				8	10	S	O
67	5	UPB.12.8.005.O.FM	Compresoare si ventilatoare	Compresseurs et ventilateurs	V	2			1	4	S	O
65	3	UPB.12.8.006.O.FM	Robotica si Realitate virtuala	Robotique et Agents intelligents	V	2		1		3	T	A
<b>TOTAL sem 8:</b>						<b>23</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>9</b>	<b>30</b>	
<b>TOTAL AN IV:</b>						<b>51</b>	<b>23</b>	<b>4</b>	<b>12</b>	<b>12</b>	<b>60</b>	