

Sciences et Technologies

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Crédit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Crédit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Crédit UE	langue anglaise 2	Moyenne UE			Crédit UE
191939067982	11.0	11.0	01	9.4	11.2	8.9	9.83	06	7.1	10.0	20.0	14.0	11.64	09	11.0	11.0	02	30	10.57
202039069784	14.0	14.0	01	11.2	10.8	11.5	11.17	18	12.38	16.0	15.5	12.0	13.65	09	11.5	11.5	02	30	12.1
212139074644	7.0	7.0	00	7.6	10.1	11.8	9.83	12	4.4	14.0	20.0	15.0	11.56	09	4.0	4.0	00	21	9.49
202039076468	11.0	11.0	01	10.0	11.8	10.9	10.9	18	5.05	14.0	8.5	18.5	10.22	09	11.0	11.0	02	30	10.72
212139079155	7.0	7.0	00	8.8	8.4	8.3	8.5	00	6.2	14.0	13.0	11.0	10.08	09	7.0	7.0	00	09	8.7
212139072724	13.0	13.0	01	8.6	7.4	4.0	6.67	00	6.8	11.0	10.0	11.0	9.12	05	12.0	12.0	02	08	8.39
202039062163	9.0	9.0	00	7.0	10.2	6.6	7.93	06	7.4	14.0	14.5	13.0	11.26	09	11.0	11.0	02	17	9.33
212134020208	12.0	12.0	01	5.0	9.8	6.2	7.0	00	8.5	16.0	12.0	15.0	12.0	09	7.0	7.0	00	10	8.76
212139072640	10.0	10.0	01	6.8	10.9	5.6	7.77	06	10.2	15.0	11.0	14.0	12.08	09	10.0	10.0	02	18	9.43
212139074514	16.0	16.0	01	5.6	6.0	8.6	6.73	00	10.8	13.0	16.0	16.0	13.32	09	11.0	11.0	02	12	9.72
212139074522	6.0	6.0	00	6.4	6.2	7.9	6.83	00	7.2	14.0	13.0	16.0	11.48	09	7.0	7.0	00	09	8.17
212139085521	12.0	12.0	01	5.8	9.75	5.6	7.05	00	8.0	10.0	0.0	13.0	7.8	03	10.0	10.0	02	06	7.91
212139073807	7.0	7.0	00	8.0	8.9	5.4	7.43	00	9.0	0.0	19.0	10.5	9.5	04	7.0	7.0	00	04	7.96
212139074638	7.0	7.0	00	5.0	9.4	6.1	6.83	00	2.6	2.0	0.0	10.0	3.44	02	7.0	7.0	00	02	5.86
212139083935	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139072827	12.0	12.0	01	6.6	9.2	7.4	7.73	00	10.0	14.0	17.0	11.5	12.5	09	12.0	12.0	02	12	9.89
202039069736	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	12.0	2.4	02	0.0	0.0	00	02	0.71
212139076115	14.0	14.0	01	5.8	10.6	9.7	8.7	06	7.1	14.0	15.0	17.0	12.04	09	5.0	5.0	00	16	9.56
212134017465	13.0	13.0	01	1.8	0.0	0.6	0.8	00	0.3	9.0	0.0	0.0	1.92	00	0.0	0.0	00	01	1.75
212139073393	6.0	6.0	00	4.8	11.7	7.7	8.07	06	9.2	16.0	0.0	17.0	10.28	09	10.0	10.0	02	17	8.83
212139073770	8.0	8.0	00	7.4	10.8	4.2	7.47	06	4.2	12.0	17.0	16.0	10.68	09	11.0	11.0	02	17	8.86
212139074104	10.0	10.0	01	6.2	11.6	5.3	7.7	06	4.75	10.0	20.0	13.0	10.5	09	10.0	10.0	02	18	8.93
212139074411	14.0	14.0	01	8.2	10.4	8.3	8.97	06	6.8	16.0	10.0	18.5	11.62	09	10.0	10.0	02	30	10.17
212139072392	10.0	10.0	01	9.8	7.3	9.7	8.93	00	11.0	12.0	16.0	16.0	13.2	09	0.0	0.0	00	10	9.2

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Credits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologues	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
202039062900	13.0	13.0	01	3.8	2.1	2.8	2.9	00	10.1	10.0	12.0	16.0	11.64	09	10.0	10.0	02	12	6.9
202039062922	10.0	10.0	01	4.2	7.2	5.3	5.57	00	6.4	10.0	17.5	14.0	10.86	09	11.0	11.0	02	12	8.03
212139075338	10.0	10.0	01	12.4	7.9	8.2	9.5	06	2.4	0.0	16.0	15.0	7.16	04	0.0	0.0	00	11	7.72
212139078251	12.0	12.0	01	7.8	5.7	2.9	5.47	00	4.55	10.0	0.0	14.0	6.62	03	6.0	6.0	00	04	6.25
212139071758	13.0	13.0	01	6.6	9.7	7.1	7.8	00	9.5	15.0	13.0	13.5	12.1	09	7.0	7.0	00	10	9.28
212139074462	11.0	11.0	01	7.6	7.8	8.7	8.03	00	6.4	11.0	15.0	15.0	10.76	09	6.0	6.0	00	10	8.77
212139077566	0.0	0.0	00	0.0	0.0	4.4	1.47	00	2.3	0.0	0.0	0.0	0.92	00	0.0	0.0	00	00	1.05
212139076990	14.0	14.0	01	8.6	8.7	6.6	7.97	00	6.4	12.0	19.0	13.0	11.36	09	13.0	13.0	02	12	9.91
191939068881	13.0	13.0	01	7.0	12.4	7.6	9.0	06	10.47	11.5	12.0	10.0	10.89	09	0.0	0.0	00	16	8.73
212139071490	12.0	12.0	01	9.6	10.5	9.8	9.97	06	7.3	14.0	16.5	15.0	12.02	09	14.0	14.0	02	30	11.17
212139085097	8.0	8.0	00	9.6	7.5	10.5	9.2	06	12.4	17.0	20.0	18.0	15.96	09	8.0	8.0	00	30	10.98
212139076142	14.0	14.0	01	10.0	6.4	10.1	8.83	12	10.4	18.0	20.0	18.0	15.36	09	11.0	11.0	02	30	11.31
212139070487	7.0	7.0	00	6.4	10.0	8.4	8.27	06	7.9	11.0	16.5	12.0	11.06	09	10.0	10.0	02	17	9.22
212139072539	11.0	11.0	01	16.6	8.5	14.0	13.03	18	10.5	13.0	12.25	18.0	12.85	09	10.0	10.0	02	30	12.5
212139079003	8.0	8.0	00	6.8	5.0	6.7	6.17	00	4.95	15.0	17.0	12.0	10.78	09	10.0	10.0	02	11	8.08
212139076578	14.0	14.0	01	12.0	6.4	12.8	10.4	18	5.0	14.0	19.0	13.0	11.2	09	10.0	10.0	02	30	10.8
212139072849	11.0	11.0	01	14.0	16.6	10.8	13.8	18	7.1	16.0	12.5	15.0	11.54	09	10.0	10.0	02	30	12.52
212139071428	10.0	10.0	01	5.0	4.8	3.8	4.53	00	2.8	10.0	0.0	13.0	5.72	03	6.0	6.0	00	04	5.37
212139071513	10.0	10.0	01	6.4	9.5	7.5	7.8	00	6.2	12.0	13.0	18.5	11.18	09	10.0	10.0	02	12	9.18
212139071493	7.0	7.0	00	7.7	9.8	9.0	8.83	00	6.9	10.0	18.0	11.5	10.66	09	7.0	7.0	00	09	9.05
212139077008	10.0	10.0	01	11.6	10.4	17.8	13.27	18	8.8	16.0	19.0	16.0	13.72	09	0.0	0.0	00	30	11.65
212139073370	13.0	13.0	01	5.8	9.05	4.9	6.58	00	2.4	12.0	17.0	12.0	9.16	05	5.0	5.0	00	06	7.53
212139077604	13.0	13.0	01	6.0	8.6	7.3	7.3	00	8.0	12.0	10.0	13.0	10.2	09	7.0	7.0	00	10	8.45
212139068644	11.0	11.0	01	10.5	9.1	6.6	8.73	06	5.65	0.0	17.0	13.0	8.26	04	11.0	11.0	02	13	8.99
212139078907	12.0	12.0	01	11.6	11.7	6.6	9.97	12	5.1	0.0	20.0	13.0	8.64	04	12.0	12.0	02	19	9.94
212139069221	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139070389	11.0	11.0	01	8.1	5.0	8.6	7.23	00	4.6	10.0	16.5	13.0	9.74	05	7.0	7.0	00	06	8.16
212139076973	14.0	14.0	01	10.0	7.8	8.3	8.7	06	7.25	12.0	12.5	12.0	10.2	09	11.0	11.0	02	18	9.72

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	Les métiers en sciences et technologiques	Moyenne UE	Crédit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Crédit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Crédit UE	langue anglaise 2	Moyenne UE			Crédit UE
212139073319	12.0	12.0	01	14.8	10.1	13.6	12.83	18	9.8	14.0	16.75	14.0	12.87	09	10.0	10.0	02	30	12.46
212139071002	12.0	12.0	01	9.2	6.8	5.1	7.03	00	6.4	12.0	19.0	18.0	12.36	09	7.0	7.0	00	10	8.89
212139076956	10.0	10.0	01	8.8	7.2	12.0	9.33	06	9.8	16.0	14.0	15.5	13.02	09	10.0	10.0	02	30	10.53
212139077010	14.0	14.0	01	6.4	8.4	4.8	6.53	00	5.0	6.0	18.0	16.0	10.0	09	10.0	10.0	02	12	8.4
202039065496	15.0	15.0	01	13.0	8.8	5.5	9.1	06	10.6	12.0	0.0	0.0	6.64	05	10.0	10.0	02	14	8.83
212139077536	12.0	12.0	01	7.4	9.9	10.3	9.2	06	7.65	10.0	12.0	16.5	10.76	09	10.0	10.0	02	18	9.92
212139073802	10.0	10.0	01	4.2	8.7	5.0	5.97	00	6.4	11.0	18.0	12.0	10.76	09	10.0	10.0	02	12	8.09
202039064301	10.0	10.0	01	9.8	9.0	3.0	7.27	00	12.8	10.0	14.25	13.0	12.57	09	10.0	10.0	02	12	9.31
212139069907	13.0	13.0	01	9.6	6.4	5.7	7.23	00	6.4	10.0	16.75	17.0	11.31	09	7.0	7.0	00	10	8.74
212139071446	8.0	8.0	00	4.2	7.2	3.6	5.0	00	6.4	11.0	0.0	14.0	7.56	03	3.0	3.0	00	03	5.69
212139068912	11.0	11.0	01	7.0	7.8	6.3	7.03	00	2.4	15.0	0.0	13.0	6.56	03	0.0	0.0	00	04	6.3
212139075497	14.0	14.0	01	5.6	4.8	9.8	6.73	00	8.8	13.0	18.0	12.5	12.22	09	12.0	12.0	02	12	9.39
212139058645	8.0	8.0	00	6.9	6.8	4.7	6.13	00	9.0	13.0	11.5	10.0	10.5	09	7.0	7.0	00	09	7.63
212139058691	10.0	10.0	01	7.6	8.9	4.4	6.97	00	9.7	14.0	7.0	11.5	10.38	09	4.0	4.0	00	10	7.8
212139071838	10.0	10.0	01	14.0	11.0	9.4	11.47	18	11.0	10.0	14.5	16.0	12.5	09	10.0	10.0	02	30	11.51
212139079034	12.0	12.0	01	8.4	11.2	7.1	8.9	06	10.3	17.0	20.0	15.5	14.62	09	10.0	10.0	02	30	10.89
212139071843	9.0	9.0	00	6.6	7.0	5.6	6.4	00	4.3	16.0	10.0	13.0	9.52	05	7.0	7.0	00	05	7.54
212139078899	14.0	14.0	01	3.6	7.4	2.8	4.6	00	5.2	10.0	0.0	0.0	4.08	01	10.0	10.0	02	04	5.64
191939071231	14.0	14.0	01	6.3	2.4	4.1	4.27	00	8.0	14.0	10.0	14.0	10.8	09	10.0	10.0	02	12	7.44
212139069197	16.0	16.0	01	7.4	4.8	5.8	6.0	00	4.6	11.0	17.0	13.0	10.04	09	12.0	12.0	02	12	8.48
212139077590	5.0	5.0	00	7.6	8.2	7.4	7.73	00	8.55	11.0	10.0	10.0	9.62	05	7.0	7.0	00	05	8.04
212139068901	8.0	8.0	00	11.0	13.0	9.9	11.3	18	8.6	16.0	16.0	17.0	13.24	09	7.0	7.0	00	30	11.17
212139072445	12.0	12.0	01	4.2	7.8	0.6	4.2	00	4.6	12.0	14.0	15.0	10.04	09	0.0	0.0	00	10	5.88
212139072821	11.0	11.0	01	5.6	9.4	6.8	7.27	00	3.7	11.0	0.0	0.0	3.68	01	6.0	6.0	00	02	6.28
212139072417	15.0	15.0	01	15.8	12.0	13.0	13.6	18	16.7	15.0	10.0	15.0	14.68	09	18.0	18.0	02	30	14.52
202039065423	11.0	11.0	01	4.2	6.0	6.8	5.67	00	10.8	0.0	0.0	12.0	6.72	06	10.0	10.0	02	09	6.8
212139071833	10.0	10.0	01	12.0	8.7	6.8	9.17	06	6.6	15.0	11.0	18.0	11.44	09	10.0	10.0	02	18	9.98
212139074083	12.0	12.0	01	7.2	15.0	6.8	9.67	06	8.05	15.0	19.5	14.0	12.92	09	10.0	10.0	02	30	10.8

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
212139078924	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	00	0.0
202039067388	14.0	14.0	01	12.6	13.4	5.6	10.53	18	8.4	14.0	13.75	18.0	12.51	09	12.0	12.0	02	30	11.49
212139071027	12.0	12.0	01	9.8	7.85	7.5	8.38	00	4.3	13.0	16.0	17.0	10.92	09	12.0	12.0	02	12	9.77
202039065307	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139078157	5.0	5.0	00	6.2	8.8	6.0	7.0	00	3.9	12.0	14.0	16.0	9.96	05	7.0	7.0	00	05	7.75
212139077583	11.0	11.0	01	5.0	7.5	6.5	6.33	00	7.0	14.0	17.0	13.0	11.6	09	11.0	11.0	02	12	8.7
212139069851	14.0	14.0	01	14.4	8.2	11.6	11.4	18	7.3	13.0	12.5	17.5	11.52	09	10.0	10.0	02	30	11.42
212139077503	14.0	14.0	01	7.0	7.6	10.8	8.47	06	9.5	11.0	15.0	16.5	12.3	09	10.0	10.0	02	30	10.1
212139069187	12.0	12.0	01	12.0	14.2	14.1	13.43	18	10.6	13.0	19.0	17.0	14.04	09	11.0	11.0	02	30	13.24
212139075470	15.0	15.0	01	10.0	8.2	12.9	10.37	18	8.8	13.0	16.0	12.0	11.72	09	10.0	10.0	02	30	11.0
212139074647	10.0	10.0	01	11.2	11.3	11.6	11.37	18	5.9	13.0	19.5	12.0	11.26	09	10.0	10.0	02	30	11.1
212139074570	18.0	18.0	01	7.8	9.4	4.6	7.27	00	10.2	14.0	12.5	11.0	11.58	09	12.0	12.0	02	12	9.73
212139072811	10.0	10.0	01	8.4	11.2	8.0	9.2	06	5.3	12.0	13.5	12.5	9.72	05	10.0	10.0	02	14	9.49
212139072800	4.0	4.0	00	7.0	8.1	10.7	8.6	06	6.6	16.0	16.0	12.0	11.44	09	11.0	11.0	02	17	9.45
202039066790	11.0	11.0	01	11.0	8.8	10.0	9.93	12	10.8	10.0	10.0	17.0	11.72	09	0.0	0.0	00	22	9.35
212139070056	18.0	18.0	01	9.7	12.8	12.0	11.5	18	10.6	17.0	0.0	0.0	7.64	05	14.0	14.0	02	30	11.04
212139079007	13.0	13.0	01	7.6	10.65	11.8	10.02	18	10.1	15.0	17.0	16.0	13.64	09	10.0	10.0	02	30	11.26
212139069971	8.0	8.0	00	7.8	5.7	6.8	6.77	00	6.6	0.0	11.0	13.0	7.44	04	7.0	7.0	00	04	7.07
212139070048	14.0	14.0	01	6.2	8.1	8.4	7.57	00	8.8	17.0	18.0	14.0	13.32	09	12.0	12.0	02	30	10.16
212139070380	7.0	7.0	00	9.4	6.0	9.6	8.33	00	6.4	13.0	10.0	15.0	10.16	09	10.0	10.0	02	11	8.99
212139077569	10.0	10.0	01	5.8	6.3	6.8	6.3	00	5.9	13.0	13.0	10.0	9.56	05	10.0	10.0	02	08	7.91
212139071834	15.0	15.0	01	12.0	10.6	11.5	11.37	18	10.4	18.0	17.0	14.0	13.96	09	15.0	15.0	02	30	12.77
191939067111	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139074517	11.0	11.0	01	7.4	4.8	6.8	6.33	00	9.4	15.0	16.0	16.0	13.16	09	10.0	10.0	02	12	9.05
212139070023	10.0	10.0	01	8.2	8.5	6.6	7.77	00	11.6	12.0	15.0	14.0	12.84	09	10.0	10.0	02	12	9.65
212139072704	12.0	12.0	01	8.8	11.4	9.1	9.77	06	11.2	12.0	11.0	16.0	12.28	09	0.0	0.0	00	16	9.49
21079066471	15.0	15.0	01	12.2	8.2	7.2	9.2	06	5.0	14.0	17.0	13.0	10.8	09	16.0	16.0	02	30	10.81
212139078976	6.0	6.0	00	1.8	3.0	0.9	1.9	00	11.6	10.0	0.0	0.0	6.64	05	10.0	10.0	02	07	4.49

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
202039065369	4.0	4.0	00	8.6	11.8	10.6	10.33	18	8.4	16.0	19.0	12.5	12.86	09	10.0	10.0	02	30	10.66
212139071037	0.0	0.0	00	5.6	0.0	0.0	1.87	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.99
212139071029	7.0	7.0	00	8.8	9.3	7.4	8.5	00	7.2	15.0	17.0	14.5	12.18	09	7.0	7.0	00	09	9.32
212139073344	10.0	10.0	01	8.2	9.6	6.8	8.2	00	8.1	10.0	16.0	15.0	11.44	09	7.0	7.0	00	10	9.12
212139073386	13.0	13.0	01	8.2	11.14	7.5	8.95	06	9.3	14.0	15.0	16.0	12.72	09	7.0	7.0	00	30	10.07
212139072906	15.0	15.0	01	8.6	10.0	9.9	9.5	06	6.7	15.0	16.0	15.0	11.88	09	10.0	10.0	02	30	10.58
171739055797	10.0	10.0	01	0.0	7.14	0.0	2.38	00	11.6	11.5	17.0	15.0	13.34	09	10.0	10.0	02	12	6.95
212139074021	10.0	10.0	01	6.8	7.0	5.6	6.47	00	3.7	0.0	10.0	16.5	6.78	04	10.0	10.0	02	07	7.18
212139068948	12.0	12.0	01	14.6	10.7	16.4	13.9	18	6.7	16.0	18.5	14.0	12.38	09	10.0	10.0	02	30	12.88
212139077603	12.0	12.0	01	8.6	7.0	7.3	7.63	00	8.4	12.0	10.0	14.0	10.56	09	10.0	10.0	02	12	9.03
212139068671	13.0	13.0	01	11.5	8.8	8.5	9.6	06	7.2	14.0	11.0	12.5	10.38	09	6.0	6.0	00	16	9.61
212139079035	10.0	10.0	01	8.4	15.4	13.5	12.43	18	10.2	15.0	15.0	16.0	13.28	09	10.0	10.0	02	30	12.25
212139084903	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139069184	14.0	14.0	01	6.0	11.8	8.4	8.73	06	8.0	11.0	19.5	16.5	12.6	09	10.0	10.0	02	30	10.33
212139069915	11.0	11.0	01	10.0	8.6	9.0	9.2	06	7.3	11.0	17.0	15.0	11.52	09	10.0	10.0	02	30	10.08
212139078839	8.0	8.0	00	7.2	5.7	4.1	5.67	00	8.2	14.0	0.0	14.0	8.88	03	10.0	10.0	02	05	7.26
212139070542	4.0	4.0	00	6.8	10.0	5.9	7.57	06	7.8	14.0	17.75	12.0	11.87	09	10.0	10.0	02	17	8.91
212139074587	0.0	0.0	00	1.8	0.0	0.0	0.6	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.32
212139074079	14.0	14.0	01	8.0	16.7	6.6	10.43	18	9.8	13.0	19.5	11.0	12.62	09	11.0	11.0	02	30	11.35
212139074568	8.0	8.0	00	14.1	10.4	8.0	10.83	18	8.4	13.0	12.5	10.0	10.46	09	8.0	8.0	00	30	10.22
202039071610	12.0	12.0	01	5.4	5.35	5.7	5.48	00	4.2	10.0	13.25	10.0	8.33	05	10.0	10.0	02	08	7.23
212139071070	12.0	12.0	01	6.4	12.5	10.4	9.77	12	4.55	9.0	10.0	11.0	7.82	04	7.0	7.0	00	17	9.0
212139074025	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
202039067158	0.0	0.0	00	4.2	12.92	7.6	8.24	06	13.4	13.0	14.5	10.5	12.96	09	10.0	10.0	02	17	9.35
212139085113	0.0	0.0	00	0.0	4.0	5.2	3.07	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	1.63
212139074460	5.0	5.0	00	5.6	7.1	6.3	6.33	00	5.55	10.0	16.0	14.0	10.22	09	6.0	6.0	00	09	7.36
191939073104	0.0	0.0	00	5.0	6.4	7.1	6.17	00	5.6	13.0	14.0	10.0	9.64	05	0.0	0.0	00	05	6.1
212139079480	7.0	7.0	00	5.4	5.5	6.0	5.63	00	6.3	0.0	11.0	18.0	8.32	04	7.0	7.0	00	04	6.66

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139069640	11.0	11.0	01	12.2	6.7	9.0	9.3	06	6.5	13.0	11.0	17.0	10.8	09	11.0	11.0	02	30	10.04
212139073356	5.0	5.0	00	5.8	11.4	5.0	7.4	06	5.5	7.0	10.0	12.0	8.0	04	7.0	7.0	00	10	7.39
212139070987	9.0	9.0	00	11.2	6.0	5.8	7.67	06	4.3	12.0	10.0	15.5	9.22	05	10.0	10.0	02	13	8.48
212139068688	13.0	13.0	01	12.8	8.8	9.5	10.37	18	12.8	13.0	14.0	18.0	14.12	09	13.0	13.0	02	30	11.94
212139070059	10.0	10.0	01	9.2	11.0	5.2	8.47	06	5.8	11.0	15.0	10.0	9.52	05	6.0	6.0	00	12	8.58
212139068928	10.0	10.0	01	11.6	13.9	15.9	13.8	18	12.8	14.0	14.0	15.5	13.82	09	7.0	7.0	00	30	12.78
212139085146	6.0	6.0	00	7.0	6.1	8.0	7.03	00	5.1	13.0	16.0	13.0	10.44	09	6.0	6.0	00	09	7.85
212139068713	15.0	15.0	01	8.4	7.0	5.0	6.8	00	9.0	13.0	13.0	10.5	10.9	09	10.0	10.0	02	12	8.86
212139079284	7.0	7.0	00	12.4	9.7	7.0	9.7	06	0.6	11.0	17.0	13.5	8.54	05	7.0	7.0	00	11	8.88
212139079242	10.0	10.0	01	7.6	7.3	11.7	8.87	06	8.5	14.0	13.0	14.5	11.7	09	10.0	10.0	02	18	9.9
212139068909	13.0	13.0	01	13.6	7.6	5.0	8.73	06	10.8	12.0	0.0	13.0	9.32	07	3.0	3.0	00	14	8.48
212139069984	10.0	10.0	01	9.5	10.8	9.5	9.93	06	8.0	17.0	16.0	12.0	12.2	09	10.0	10.0	02	30	10.61
202039066442	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	11.0	2.2	02	0.0	0.0	00	02	0.65
212139070956	11.0	11.0	01	7.0	8.8	6.4	7.4	00	4.4	12.0	16.0	17.0	10.76	09	10.0	10.0	02	12	8.91
212139084575	14.0	14.0	01	7.6	9.1	7.2	7.97	00	7.95	13.0	16.5	17.0	12.48	09	0.0	0.0	00	10	8.71
212139078462	10.0	10.0	01	8.2	8.6	5.0	7.27	00	8.7	15.0	18.0	0.0	10.08	09	15.0	15.0	02	12	9.17
212139077792	11.0	11.0	01	7.8	6.4	7.9	7.37	00	7.0	13.0	14.0	14.0	11.0	09	10.0	10.0	02	12	8.96
212139075499	15.0	15.0	01	7.2	7.1	6.2	6.83	00	7.05	11.0	18.0	12.5	11.12	09	7.0	7.0	00	10	8.59
212139077019	10.0	10.0	01	7.4	11.9	12.6	10.63	18	9.8	16.0	10.0	16.0	12.32	09	12.0	12.0	02	30	11.25
20119053173	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139070669	14.0	14.0	01	12.0	8.6	13.0	11.2	18	7.7	12.0	16.0	14.0	11.48	09	7.0	7.0	00	30	10.95
212139055988	8.0	8.0	00	9.6	14.2	10.9	11.57	18	10.1	14.0	17.25	11.5	12.59	09	10.0	10.0	02	30	11.48
212139075473	14.0	14.0	01	6.4	6.0	5.3	5.9	00	4.05	12.0	16.0	12.0	9.62	05	17.0	17.0	02	08	8.78
212139075556	12.0	12.0	01	12.2	10.1	12.9	11.73	18	12.9	16.0	10.0	19.0	14.16	09	0.0	0.0	00	30	11.08
202039067361	15.5	15.5	01	6.6	4.8	10.3	7.23	06	5.8	16.0	13.0	10.19	10.16	09	12.5	12.5	02	18	9.2
212139077495	10.0	10.0	01	4.8	8.2	5.8	6.27	00	7.3	11.0	14.5	12.0	10.42	09	10.0	10.0	02	12	8.15
212139075835	11.0	11.0	01	8.0	9.7	13.8	10.5	18	6.65	15.0	16.0	14.0	11.66	09	10.0	10.0	02	30	10.81

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Crédit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Crédit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Crédit UE	Langue anglaise 2	Moyenne UE			Crédit UE
212139073354	10.0	10.0	01	7.0	12.0	10.6	9.87	12	8.8	11.0	12.0	14.0	10.92	09	7.0	7.0	00	22	9.85
212139069697	10.0	10.0	01	7.0	9.1	8.4	8.17	00	7.8	13.0	15.0	10.0	10.72	09	10.0	10.0	02	12	9.24
212139072441	13.0	13.0	01	9.0	7.3	10.1	8.8	06	10.2	13.0	10.75	17.0	12.23	09	12.0	12.0	02	30	10.43
212139055308	14.0	14.0	01	9.4	7.8	11.0	9.4	06	8.3	12.0	11.0	12.0	10.32	09	10.0	10.0	02	30	10.01
212139078207	10.0	10.0	01	6.8	5.3	5.6	5.9	00	4.3	11.0	12.25	14.5	9.27	05	10.0	10.0	02	08	7.61
212139069172	14.0	14.0	01	13.2	15.0	10.4	12.87	18	11.0	14.0	15.5	11.0	12.5	09	16.0	16.0	02	30	13.2
212139069168	13.0	13.0	01	11.6	8.4	7.3	9.1	06	10.7	11.0	11.0	11.0	10.88	09	12.0	12.0	02	30	10.19
212139072576	8.0	8.0	00	10.2	13.55	8.8	10.85	18	10.6	15.0	18.0	16.0	14.04	09	7.0	7.0	00	30	11.17
212139077063	13.0	13.0	01	10.2	9.9	11.3	10.47	18	7.55	13.0	15.0	16.0	11.82	09	4.0	4.0	00	30	10.25
212139075173	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139069177	14.0	14.0	01	9.4	12.2	4.6	8.73	06	6.9	10.0	18.0	12.0	10.76	09	10.0	10.0	02	18	9.79
212139076070	10.0	10.0	01	6.4	10.9	7.4	8.23	06	16.7	10.0	14.0	16.0	14.68	09	10.0	10.0	02	30	10.44
212139076168	9.0	9.0	00	8.4	8.3	11.8	9.5	06	9.2	13.0	20.0	18.0	13.88	09	10.0	10.0	02	30	10.82
212139072614	7.0	7.0	00	8.6	7.6	9.4	8.53	00	8.4	13.0	13.0	14.0	11.36	09	6.0	6.0	00	09	8.97
212139072818	11.0	11.0	01	9.8	10.0	6.1	8.63	06	10.8	12.0	12.5	13.0	11.82	09	11.0	11.0	02	18	9.99
212139078249	12.0	12.0	01	14.4	6.4	9.8	10.2	18	9.2	14.0	16.75	17.0	13.23	09	7.0	7.0	00	30	10.82
212139075122	10.0	10.0	01	7.4	10.1	6.6	8.03	06	7.4	12.0	11.0	16.0	10.76	09	10.0	10.0	02	18	9.18
202039069508	17.0	17.0	01	7.2	6.9	5.3	6.47	00	9.0	16.0	12.25	11.34	11.52	09	12.0	12.0	02	12	9.23
212139070067	7.0	7.0	00	4.8	11.1	4.0	6.63	06	4.15	10.0	19.0	16.0	10.66	09	6.0	6.0	00	15	7.76
212139072531	12.0	12.0	01	5.8	8.2	9.8	7.93	00	10.6	11.0	0.0	17.0	9.84	07	10.0	10.0	02	10	8.97
212139071447	13.0	13.0	01	5.8	9.05	3.8	6.22	00	7.8	13.0	16.0	15.0	11.92	09	12.0	12.0	02	12	8.98
212139075399	20.0	20.0	01	10.8	8.5	12.1	10.47	18	8.0	17.0	16.0	18.0	13.4	09	0.0	0.0	00	30	10.66
212139079024	10.0	10.0	01	10.4	7.95	9.3	9.22	06	8.8	15.0	18.0	15.0	13.12	09	11.0	11.0	02	30	10.62
212139068968	12.0	12.0	01	6.8	8.85	8.9	8.18	00	9.4	13.0	16.0	16.0	12.76	09	10.0	10.0	02	12	9.97
212139069797	6.0	6.0	00	4.6	3.0	1.4	3.0	00	4.6	7.0	0.0	0.0	3.24	00	6.0	6.0	00	00	3.6
212139070414	9.0	9.0	00	7.0	10.1	8.1	8.4	06	7.2	13.0	17.75	13.5	11.73	09	0.0	0.0	00	15	8.43
212139076573	14.0	14.0	01	5.4	8.6	8.7	7.57	00	7.4	14.0	18.0	16.5	12.66	09	10.0	10.0	02	12	9.73

	A00D0001S			A00F0001S						A00M0001S						A00T0001S			Credits du semestre	Moyenne du semestre
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE	Credit UE			
212139071730	8.0	8.0	00	8.4	6.0	3.6	6.0	00	9.0	13.0	11.5	14.0	11.3	09	10.0	10.0	02	11	8.15	
212139073958	9.0	9.0	00	7.2	12.1	7.0	8.77	06	5.95	16.0	16.0	17.0	12.18	09	10.0	10.0	02	17	9.93	
212139069135	14.0	14.0	01	5.8	8.4	11.2	8.47	06	7.3	13.0	16.0	0.0	8.72	03	12.0	12.0	02	12	9.28	
202039066509	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0	
212139068905	11.0	11.0	01	5.8	7.6	7.1	6.83	00	3.5	10.0	10.0	15.5	8.5	05	10.0	10.0	02	08	7.94	
212139077582	16.0	16.0	01	7.6	7.35	7.2	7.38	00	5.75	12.0	12.0	16.5	10.4	09	10.0	10.0	02	12	9.08	
212139069103	15.0	15.0	01	4.4	7.4	5.6	5.8	00	4.6	13.0	12.0	16.0	10.04	09	10.0	10.0	02	12	8.08	
202039068440	10.0	10.0	01	8.0	10.6	5.7	8.1	06	9.2	16.0	16.0	10.5	12.18	09	10.0	10.0	02	18	9.64	
212139068902	10.0	10.0	01	1.8	0.0	1.8	1.2	00	1.2	12.0	0.0	0.0	2.88	01	6.0	6.0	00	02	2.78	
212139075451	13.0	13.0	01	9.0	8.7	9.0	8.9	00	7.8	16.0	10.25	15.0	11.37	09	10.0	10.0	02	30	10.0	
212139075510	16.0	16.0	01	13.0	8.8	6.0	9.27	06	6.6	13.0	10.0	17.0	10.64	09	7.0	7.0	00	16	9.8	
212139071448	10.0	10.0	01	3.6	2.1	0.9	2.2	00	1.2	10.0	0.0	0.0	2.48	01	6.0	6.0	00	02	3.19	
212139075607	10.0	10.0	01	8.8	10.0	2.7	7.17	06	4.9	14.0	10.0	13.5	9.46	05	10.0	10.0	02	14	8.34	
212139055800	13.0	13.0	01	5.8	4.0	5.4	5.07	00	9.1	14.0	17.0	12.0	12.24	09	10.0	10.0	02	12	8.23	
212139078281	17.0	17.0	01	6.6	11.7	0.9	6.4	06	7.2	14.0	10.0	12.0	10.08	09	10.0	10.0	02	18	8.53	
212139074661	10.0	10.0	01	8.8	8.8	7.0	8.2	00	9.2	12.0	13.0	18.0	12.28	09	10.0	10.0	02	12	9.72	
212139074649	6.0	6.0	00	7.0	9.1	8.2	8.1	00	9.2	16.0	17.5	11.5	12.68	09	6.0	6.0	00	09	9.08	
212139074452	12.0	12.0	01	7.4	8.1	1.2	5.57	00	2.3	12.0	5.0	0.0	4.32	01	6.0	6.0	00	02	5.63	
212139069185	15.0	15.0	01	9.2	9.9	5.8	8.3	00	5.9	10.0	15.0	14.0	10.16	09	12.0	12.0	02	12	9.68	
212139076951	10.0	10.0	01	5.2	8.4	7.3	6.97	00	5.5	13.0	13.0	12.0	9.8	05	7.0	7.0	00	06	7.98	
212139077011	8.0	8.0	00	11.8	8.2	9.7	9.9	06	7.4	12.0	18.0	18.0	12.56	09	10.0	10.0	02	30	10.58	
191939070813	10.0	10.0	01	1.8	3.9	2.7	2.8	00	14.15	16.0	13.0	12.0	13.86	09	5.0	5.0	00	10	6.74	
212139070948	13.0	13.0	01	9.8	14.4	9.3	11.17	18	6.7	10.0	10.0	17.0	10.08	09	10.0	10.0	02	30	10.82	
212139086607	12.0	12.0	01	5.6	10.5	12.0	9.37	12	11.8	15.0	18.0	16.5	14.62	09	10.0	10.0	02	30	11.14	
212139071849	14.0	14.0	01	10.2	8.5	7.2	8.63	06	19.4	11.0	11.0	18.0	15.76	09	14.0	14.0	02	30	11.67	
212139070451	6.0	6.0	00	11.8	8.3	8.7	9.6	06	3.5	14.0	13.0	17.0	10.2	09	6.0	6.0	00	15	9.14	



	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Crédit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Crédit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Crédit UE	Langue anglaise 2	Moyenne UE			Crédit UE
212139077374	6.0	6.0	00	8.0	10.0	4.8	7.6	06	2.9	13.0	10.0	12.0	8.16	05	6.0	6.0	00	11	7.48
212139074639	7.0	7.0	00	6.4	7.6	5.3	6.43	00	5.2	10.0	10.0	10.0	8.08	05	7.0	7.0	00	05	7.02
212139074458	10.0	10.0	01	9.4	6.7	10.5	8.87	06	8.6	10.0	19.0	10.0	11.24	09	7.0	7.0	00	16	9.41
212139070666	7.0	7.0	00	6.4	9.0	10.2	8.53	06	7.85	17.0	11.0	11.5	11.04	09	7.0	7.0	00	15	9.0
212139072790	10.0	10.0	01	7.8	6.7	5.2	6.57	00	8.4	10.0	10.0	16.0	10.56	09	10.0	10.0	02	12	8.35
212139068904	10.0	10.0	01	13.4	13.2	9.1	11.9	18	9.3	15.0	12.0	15.5	12.22	09	7.0	7.0	00	30	11.31
202039063541	9.0	9.0	00	5.2	8.6	10.4	8.07	06	2.6	10.0	19.0	13.0	9.44	05	10.0	10.0	02	13	8.75
212139071818	7.0	7.0	00	6.4	8.0	7.0	7.13	00	7.0	12.0	18.0	11.0	11.0	09	7.0	7.0	00	09	8.25
212139069011	14.0	14.0	01	14.1	10.9	8.2	11.07	18	7.8	16.0	18.5	14.0	12.82	09	7.0	7.0	00	30	11.28
212139071495	11.0	11.0	01	6.4	8.8	6.8	7.33	00	5.9	12.0	13.0	18.5	11.06	09	11.0	11.0	02	12	9.07
202039066512	10.0	10.0	01	4.7	9.6	6.6	6.97	00	9.0	9.0	15.0	14.0	11.2	09	12.0	12.0	02	12	8.98
212139084485	12.0	12.0	01	4.6	7.8	5.0	5.8	00	8.4	11.0	17.5	16.0	12.26	09	10.0	10.0	02	12	8.56
212139073798	10.0	10.0	01	6.4	9.9	10.0	8.77	06	3.5	13.0	19.0	19.0	11.6	09	10.0	10.0	02	18	9.82
202039064178	13.0	13.0	01	3.8	5.5	1.2	3.5	00	5.25	13.0	13.0	12.0	9.7	05	10.0	10.0	02	08	6.65
212139072861	13.0	13.0	01	6.6	10.8	6.8	8.07	06	10.2	12.0	16.0	10.0	11.68	09	13.0	13.0	02	30	10.0
212139078246	15.0	15.0	01	8.4	11.0	10.6	10.0	18	15.8	16.0	20.0	17.0	16.92	09	13.0	13.0	02	30	12.68
212139072890	8.0	8.0	00	9.2	8.5	5.0	7.57	00	4.6	13.0	9.0	0.0	6.24	01	7.0	7.0	00	01	7.14
212139072877	13.0	13.0	01	8.0	8.3	3.2	6.5	00	10.2	10.0	13.0	13.0	11.28	09	13.0	13.0	02	12	9.05
212139077602	7.0	7.0	00	9.0	4.8	4.2	6.0	00	9.4	13.0	10.0	12.0	10.76	09	7.0	7.0	00	09	7.58
212139070413	7.0	7.0	00	7.4	8.6	3.4	6.47	00	4.4	14.0	0.0	0.0	4.56	01	7.0	7.0	00	01	6.0
212139077599	11.0	11.0	01	7.2	9.2	11.9	9.43	06	9.5	14.0	16.0	16.5	13.1	09	12.0	12.0	02	30	10.9
212139077588	10.0	10.0	01	4.6	8.7	5.7	6.33	00	6.2	13.0	17.0	13.0	11.08	09	10.0	10.0	02	12	8.37
202039063356	7.0	7.0	00	8.6	11.4	5.2	8.4	06	4.6	14.0	17.5	10.0	10.14	09	6.0	6.0	00	15	8.55
212139076158	15.0	15.0	01	11.8	8.55	4.9	8.42	06	10.7	14.0	5.0	10.0	10.08	09	10.0	10.0	02	18	9.48
212139069261	5.0	5.0	00	8.2	10.35	15.3	11.28	18	10.4	17.0	12.0	13.0	12.56	09	5.0	5.0	00	30	10.55
212139069815	12.0	12.0	01	6.0	8.7	8.3	7.67	00	5.3	10.0	16.0	12.0	9.72	05	11.0	11.0	02	08	8.92
212139070646	10.0	10.0	01	11.8	12.2	14.2	12.73	18	7.6	15.0	11.5	10.0	10.34	09	10.0	10.0	02	30	11.55
212139077470	10.0	10.0	01	8.8	9.1	9.6	9.17	00	8.8	13.0	10.0	13.0	10.72	09	10.0	10.0	02	12	9.77

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139076977	13.0	13.0	01	13.0	11.1	13.2	12.43	18	6.4	15.0	14.0	15.0	11.36	09	5.0	5.0	00	30	11.27
212139076996	14.0	14.0	01	7.2	9.8	7.2	8.07	00	6.5	10.0	18.0	13.0	10.8	09	6.0	6.0	00	10	8.98
212139070616	13.0	13.0	01	8.2	7.4	14.4	10.0	18	15.8	15.0	12.0	14.0	14.52	09	15.0	15.0	02	30	12.09
212139068776	5.0	5.0	00	5.4	11.7	11.0	9.37	12	7.65	16.0	16.0	13.0	12.06	09	4.0	4.0	00	21	9.27
212139068982	7.0	7.0	00	1.8	0.0	0.6	0.8	00	3.8	7.0	0.0	16.0	6.12	02	7.0	7.0	00	02	3.46
212139077494	10.0	10.0	01	6.4	8.1	6.7	7.07	00	4.9	5.0	15.5	14.0	8.86	04	7.0	7.0	00	05	7.76
212139074049	9.0	9.0	00	6.8	10.5	6.2	7.83	06	6.75	13.0	19.5	14.0	12.0	09	10.0	10.0	02	17	9.38
212139077573	13.0	13.0	01	8.4	6.8	7.2	7.47	00	6.9	12.0	16.0	13.0	10.96	09	13.0	13.0	02	12	9.47
212139072754	0.0	0.0	00	4.0	5.7	5.6	5.1	00	5.6	0.0	12.0	15.0	7.64	04	0.0	0.0	00	04	4.95
21039049650	11.0	11.0	01	18.6	12.75	17.9	16.42	18	15.0	15.0	20.0	13.0	15.6	09	10.0	10.0	02	30	15.1
212139070628	10.0	10.0	01	5.8	8.2	3.5	5.83	00	0.6	12.0	6.0	14.0	6.64	03	10.0	10.0	02	06	6.8
212139078840	9.0	9.0	00	4.2	8.6	5.3	6.03	00	3.5	12.0	11.0	0.0	6.0	03	7.0	7.0	00	03	6.31
212139073776	7.0	7.0	00	5.3	11.4	6.9	7.87	06	6.0	10.0	11.33	13.0	9.27	05	7.0	7.0	00	11	8.13
212139068969	15.0	15.0	01	6.6	8.6	5.8	7.0	00	7.2	17.0	10.0	12.0	10.68	09	14.0	14.0	02	12	9.38
212139070919	7.0	7.0	00	8.2	8.85	8.1	8.38	00	7.0	17.0	11.0	11.0	10.6	09	7.0	7.0	00	09	8.79
212139068816	13.0	13.0	01	6.0	6.8	4.0	5.6	00	4.75	11.0	18.0	14.0	10.5	09	10.0	10.0	02	12	7.99
212139068655	12.0	12.0	01	6.4	9.0	7.9	7.77	00	5.8	14.0	13.0	16.5	11.02	09	12.0	12.0	02	12	9.47
212139073343	8.0	8.0	00	5.8	7.8	3.7	5.77	00	0.3	12.0	15.0	14.0	8.32	05	10.0	10.0	02	07	7.15
212139074402	7.0	7.0	00	6.2	3.2	13.3	7.57	06	5.2	11.0	16.0	15.0	10.48	09	10.0	10.0	02	17	8.68
212139076154	12.0	12.0	01	9.6	7.1	4.4	7.03	00	9.8	13.0	19.0	12.0	12.72	09	7.0	7.0	00	10	8.99
212139076198	14.0	14.0	01	5.8	11.5	10.8	9.37	12	8.6	13.0	18.0	16.5	12.94	09	7.0	7.0	00	30	10.41
212139077624	14.0	14.0	01	12.8	15.1	14.6	14.17	18	12.4	16.0	12.0	13.0	13.16	09	10.0	10.0	02	30	13.37
212139071521	10.0	10.0	01	8.3	8.8	5.4	7.5	00	7.6	13.0	19.0	15.5	12.54	09	16.0	16.0	02	30	10.13
212139074108	7.0	7.0	00	7.2	7.9	7.1	7.4	00	4.6	14.0	5.0	13.5	8.34	03	10.0	10.0	02	05	7.96
212139069226	11.0	11.0	01	7.6	10.0	8.1	8.57	06	5.6	14.0	19.5	14.0	11.74	09	7.0	7.0	00	16	9.46
212139071739	11.0	11.0	01	8.4	8.2	6.6	7.73	00	12.9	15.0	13.0	15.5	13.86	09	11.0	11.0	02	30	10.11
191939065922	11.0	11.0	01	4.2	0.0	3.2	2.47	00	11.0	18.0	13.83	12.0	13.17	09	6.0	6.0	00	10	6.53
212139079119	14.0	14.0	01	12.4	12.8	12.8	12.67	18	7.5	18.0	18.0	16.0	13.4	09	15.0	15.0	02	30	13.24

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139069113	13.0	13.0	01	8.8	11.5	8.8	9.7	06	7.5	15.0	16.0	16.0	12.4	09	10.0	10.0	02	30	10.72
212139078842	12.0	12.0	01	7.0	10.4	1.8	6.4	06	5.35	10.0	7.5	11.0	7.84	03	7.0	7.0	00	10	7.22
212139079011	12.0	12.0	01	7.2	6.8	8.7	7.57	00	8.6	15.0	17.0	15.0	12.84	09	10.0	10.0	02	12	9.67
212139074509	17.0	17.0	01	6.0	8.45	7.0	7.15	00	11.2	12.0	15.0	12.0	12.28	09	12.0	12.0	02	12	9.81
212139074511	12.0	12.0	01	4.4	7.6	7.1	6.37	00	5.2	16.0	17.0	14.0	11.48	09	10.0	10.0	02	12	8.63
212139069662	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
202039065545	12.0	12.0	01	9.0	6.0	7.1	7.37	00	8.25	10.0	18.0	16.0	12.1	09	10.0	10.0	02	12	9.34
212139076936	11.0	11.0	01	6.4	8.0	10.8	8.4	06	7.0	17.0	12.0	15.0	11.6	09	7.0	7.0	00	16	9.33
202039069690	0.0	0.0	00	0.0	5.2	0.0	1.73	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.92
212139071853	16.0	16.0	01	9.8	8.3	9.8	9.3	00	9.6	10.0	12.0	16.0	11.44	09	11.0	11.0	02	30	10.52
212139073771	13.0	13.0	01	7.0	11.1	5.7	7.93	06	8.0	10.0	17.0	16.0	11.8	09	12.0	12.0	02	18	9.85
212139073752	14.0	14.0	01	9.4	9.2	4.6	7.73	00	7.6	13.0	11.0	17.0	11.24	09	13.0	13.0	02	12	9.75
212139073779	11.0	11.0	01	7.6	9.8	8.4	8.6	00	9.8	0.0	9.0	13.0	8.32	02	11.0	11.0	02	05	8.94
212139077368	10.0	10.0	01	11.2	7.8	10.2	9.73	12	8.2	12.0	12.5	15.0	11.18	09	7.0	7.0	00	22	9.85
212139077618	0.0	0.0	00	2.0	0.0	0.8	0.93	00	0.6	0.0	0.0	0.0	0.24	00	0.0	0.0	00	00	0.56
202039070108	11.0	11.0	01	10.6	9.1	6.4	8.7	06	11.0	12.0	20.0	0.0	10.8	09	11.0	11.0	02	18	9.72
212139077621	6.0	6.0	00	1.8	10.6	6.0	6.13	06	5.8	13.0	16.0	15.0	11.12	09	7.0	7.0	00	15	7.69
212139069712	6.0	6.0	00	8.4	6.4	8.8	7.87	00	7.2	17.0	10.5	13.0	10.98	09	12.0	12.0	02	11	9.16
212139079005	10.0	10.0	01	9.0	9.1	15.0	11.03	18	7.6	16.0	17.0	15.0	12.64	09	10.0	10.0	02	30	11.32
212139074039	7.0	7.0	00	5.2	8.8	6.6	6.87	00	8.6	15.0	16.0	14.0	12.44	09	7.0	7.0	00	09	8.53
191939067921	10.0	10.0	01	3.8	1.8	3.6	3.07	00	10.1	6.0	15.0	14.0	11.04	09	10.0	10.0	02	12	6.64
202039065327	13.0	13.0	01	7.2	5.8	3.8	5.6	00	6.6	15.0	13.5	14.0	11.14	09	10.0	10.0	02	12	8.18
212139071755	7.0	7.0	00	10.0	8.4	5.4	7.93	06	6.4	14.0	17.25	11.5	11.11	09	10.0	10.0	02	17	9.05
212139074586	6.0	6.0	00	6.6	7.8	3.0	5.8	00	6.3	8.0	18.5	11.0	10.02	09	7.0	7.0	00	09	7.19
212139073737	12.0	12.0	01	5.0	6.0	2.4	4.47	00	6.5	10.0	16.0	0.0	7.8	03	10.0	10.0	02	06	6.54
212139069999	0.0	0.0	00	8.0	8.5	0.6	5.7	00	4.15	7.0	8.0	11.0	6.86	02	4.0	4.0	00	02	5.51
212139069855	11.0	11.0	01	9.2	7.8	9.8	8.93	00	6.6	13.0	10.0	12.0	9.64	05	10.0	10.0	02	08	9.39

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
212139075379	15.0	15.0	01	5.8	7.4	4.6	5.93	00	5.0	13.0	16.0	17.0	11.2	09	12.0	12.0	02	12	8.73
212139084441	14.0	14.0	01	6.4	8.5	5.0	6.63	00	2.5	12.0	16.0	16.0	9.8	05	11.0	11.0	02	08	8.51
212139077866	8.0	8.0	00	7.0	6.3	7.0	6.77	00	6.3	10.0	16.0	12.0	10.12	09	14.0	14.0	02	11	8.68
212139084013	8.0	8.0	00	6.2	7.4	8.1	7.23	00	2.7	15.0	14.0	14.0	9.68	05	7.0	7.0	00	05	7.97
212139074484	10.0	10.0	01	6.2	8.4	6.5	7.03	00	5.8	13.0	15.0	16.0	11.12	09	10.0	10.0	02	12	8.76
212139071867	9.0	9.0	00	8.8	12.6	10.8	10.73	18	7.8	15.0	18.0	14.0	12.52	09	10.0	10.0	02	30	11.07
212139085232	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139069892	13.0	13.0	01	5.8	6.8	11.1	7.9	06	6.6	13.0	10.0	15.5	10.34	09	0.0	0.0	00	16	7.99
191939064324	10.0	10.0	01	2.2	2.4	0.6	1.73	00	2.25	10.0	0.0	0.0	2.9	01	13.0	13.0	02	04	3.89
212139075590	11.0	11.0	01	7.2	6.9	5.3	6.47	00	3.5	14.0	10.0	10.5	8.3	05	10.0	10.0	02	08	7.69
212139071482	12.0	12.0	01	11.7	11.7	13.9	12.43	18	8.2	12.0	13.0	12.0	10.68	09	10.0	10.0	02	30	11.6
212139071433	8.0	8.0	00	6.4	10.95	7.6	8.32	06	8.6	15.0	18.0	12.0	12.44	09	10.0	10.0	02	17	9.71
212139070045	17.0	17.0	01	9.3	11.3	8.6	9.73	06	5.9	14.0	12.0	16.0	10.76	09	16.0	16.0	02	30	11.2
212139072787	7.0	7.0	00	7.2	8.0	9.0	8.07	00	5.2	12.0	19.5	12.0	10.78	09	6.0	6.0	00	09	8.56
212139078267	12.0	12.0	01	11.2	8.6	5.0	8.27	06	4.3	10.0	11.5	13.5	8.72	05	4.0	4.0	00	12	8.12
212139073729	8.0	8.0	00	10.9	9.6	4.1	8.2	06	7.4	10.0	19.0	18.0	12.36	09	10.0	10.0	02	17	9.62
212139077776	12.0	12.0	01	5.8	7.6	14.3	9.23	06	9.8	11.0	18.0	16.0	12.92	09	12.0	12.0	02	30	10.8
212139078184	16.0	16.0	01	5.8	4.8	1.2	3.93	00	3.4	12.0	16.0	15.0	9.96	05	7.0	7.0	00	06	6.77
212139078275	15.0	15.0	01	14.4	14.6	17.0	15.33	18	13.4	16.0	20.0	17.0	15.96	09	16.0	16.0	02	30	15.57
212139070653	7.0	7.0	00	12.0	9.8	12.2	11.33	18	8.4	14.0	13.0	10.5	10.86	09	7.0	7.0	00	30	10.43
212139079558	7.0	7.0	00	11.0	10.7	15.6	12.43	18	9.8	15.0	10.0	13.0	11.52	09	7.0	7.0	00	30	11.2
212139071449	7.0	7.0	00	5.8	8.5	7.8	7.37	00	6.8	12.0	19.0	14.0	11.72	09	7.0	7.0	00	09	8.58
212139074654	10.0	10.0	01	3.6	9.9	9.4	7.63	00	5.8	13.0	14.0	17.0	11.12	09	10.0	10.0	02	12	9.07
212139070661	11.0	11.0	01	10.0	6.4	7.8	8.07	06	7.7	13.0	7.0	11.0	9.28	03	11.0	11.0	02	12	8.94
212139079156	10.0	10.0	01	10.4	8.7	10.5	9.87	12	7.0	17.0	16.0	16.0	12.6	09	10.0	10.0	02	30	10.7
212139071466	6.0	6.0	00	5.8	7.0	7.0	6.6	00	5.75	13.0	11.0	12.0	9.5	05	7.0	7.0	00	05	7.46
191939065103	11.0	11.0	01	2.0	0.0	0.0	0.67	00	7.55	12.0	12.33	15.0	10.89	09	0.0	0.0	00	10	4.2
202039070329	10.0	10.0	01	4.6	9.1	7.9	7.2	00	10.8	11.0	13.5	10.5	11.32	09	10.0	10.0	02	12	8.91

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
<b>212139068975</b>	13.0	13.0	01	1.8	2.4	3.9	2.7	00	1.8	10.0	15.0	16.0	8.92	05	14.0	14.0	02	08	<b>6.46</b>
<b>212139073977</b>	10.0	10.0	01	6.4	8.9	8.6	7.97	00	5.0	17.0	13.0	18.0	11.6	09	10.0	10.0	02	12	<b>9.4</b>
<b>212139069880</b>	12.0	12.0	01	10.0	7.6	6.5	8.03	06	4.6	10.0	0.0	13.5	6.54	03	5.0	5.0	00	10	<b>7.47</b>
<b>202039062747</b>	12.5	12.5	01	11.5	10.6	9.0	10.37	18	9.0	16.0	18.75	12.0	12.95	09	0.0	0.0	00	30	<b>10.03</b>
<b>212139078973</b>	8.0	8.0	00	0.0	6.8	4.4	3.73	00	8.4	13.0	19.0	10.0	11.76	09	7.0	7.0	00	09	<b>6.73</b>
<b>212139068849</b>	8.0	8.0	00	8.4	11.5	16.2	12.03	18	7.3	14.0	17.75	15.0	12.27	09	6.0	6.0	00	30	<b>11.15</b>
<b>212139077881</b>	10.0	10.0	01	5.4	5.8	7.6	6.27	00	7.85	8.0	18.0	12.5	10.84	09	7.0	7.0	00	10	<b>7.92</b>
<b>212139068798</b>	12.0	12.0	01	5.8	6.6	5.5	5.97	00	6.1	13.0	20.0	13.0	11.64	09	13.0	13.0	02	12	<b>8.82</b>
<b>191939065923</b>	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	<b>0.0</b>
<b>212139076985</b>	14.0	14.0	01	9.0	10.2	7.1	8.77	06	9.0	12.0	10.0	10.0	10.0	09	10.0	10.0	02	18	<b>9.58</b>
<b>212139079530</b>	14.0	14.0	01	8.8	6.3	9.4	8.17	00	7.0	17.0	16.0	13.0	12.0	09	14.0	14.0	02	30	<b>10.33</b>
<b>212139077533</b>	11.0	11.0	01	6.8	6.5	5.4	6.23	00	6.0	15.0	0.0	14.5	8.3	03	11.0	11.0	02	06	<b>7.68</b>
<b>212139071852</b>	11.0	11.0	01	10.6	7.1	4.7	7.47	06	6.7	14.0	12.0	16.0	11.08	09	12.0	12.0	02	18	<b>9.27</b>
<b>212139077496</b>	7.0	7.0	00	9.6	6.8	5.9	7.43	00	4.8	12.0	19.5	14.5	11.12	09	7.0	7.0	00	09	<b>8.44</b>
<b>202039062162</b>	6.0	6.0	00	9.8	11.2	6.5	9.17	06	6.4	13.0	20.0	18.0	12.76	09	0.0	0.0	00	15	<b>8.96</b>
<b>212139069044</b>	10.0	10.0	01	2.6	8.0	7.3	5.97	00	3.6	10.0	10.0	13.0	8.04	05	18.0	18.0	02	08	<b>8.23</b>
<b>212139071718</b>	8.0	8.0	00	5.8	5.6	3.6	5.0	00	5.8	13.0	12.5	12.0	9.82	05	7.0	7.0	00	05	<b>6.83</b>
<b>212139070024</b>	10.0	10.0	01	6.8	8.6	6.3	7.23	00	6.65	12.0	16.5	15.0	11.36	09	10.0	10.0	02	12	<b>8.93</b>
<b>212139074428</b>	12.0	12.0	01	11.0	7.0	7.2	8.4	06	9.9	11.0	12.0	14.5	11.46	09	0.0	0.0	00	16	<b>8.52</b>
<b>182139085111</b>	11.0	11.0	01	10.4	11.2	10.1	10.57	18	8.25	15.0	11.0	16.0	11.7	09	10.0	10.0	02	30	<b>10.86</b>
<b>212139071757</b>	11.0	11.0	01	6.4	12.5	15.3	11.4	18	6.9	14.0	18.0	16.0	12.36	09	7.0	7.0	00	30	<b>11.14</b>
<b>212139078615</b>	10.0	10.0	01	6.6	8.75	9.0	8.12	00	6.6	15.0	14.0	15.0	11.44	09	3.0	3.0	00	10	<b>8.6</b>
<b>212139070515</b>	11.0	11.0	01	9.4	8.6	10.5	9.5	06	7.1	16.0	14.0	17.0	12.24	09	11.0	11.0	02	30	<b>10.57</b>
<b>212139070055</b>	14.0	14.0	01	12.4	10.4	6.1	9.63	12	3.8	14.0	17.5	10.0	9.82	05	12.0	12.0	02	30	<b>10.22</b>
<b>212139072771</b>	14.0	14.0	01	9.9	9.4	7.8	9.03	00	6.6	13.0	18.0	12.0	11.24	09	10.0	10.0	02	30	<b>10.09</b>
<b>212139078943</b>	12.0	12.0	01	11.2	7.85	10.1	9.72	12	7.6	17.0	17.0	16.0	13.04	09	13.0	13.0	02	30	<b>11.22</b>
<b>212139071516</b>	11.0	11.0	01	10.4	11.2	9.7	10.43	18	9.2	17.0	10.0	18.5	12.78	09	11.0	11.0	02	30	<b>11.22</b>

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139074418	5.0	5.0	00	5.2	0.0	4.5	3.23	00	1.2	10.0	0.0	0.0	2.48	01	6.0	6.0	00	01	3.44
212139071864	11.0	11.0	01	7.0	9.0	7.7	7.9	00	6.35	10.0	15.0	12.0	9.94	05	10.0	10.0	02	08	8.93
212139068860	8.0	8.0	00	10.7	8.8	8.8	9.43	06	6.7	16.0	20.0	13.0	12.48	09	10.0	10.0	02	30	10.31
202039064617	10.0	10.0	01	9.0	10.0	9.7	9.57	06	5.35	14.0	14.0	12.0	10.14	09	4.0	4.0	00	16	9.11
191939068072	10.0	10.0	01	0.4	0.0	0.0	0.13	00	2.25	11.0	0.0	0.0	3.1	01	0.0	0.0	00	02	1.57
212139069267	7.0	7.0	00	7.0	9.35	5.9	7.42	00	4.4	14.0	19.0	11.5	10.66	09	7.0	7.0	00	09	8.3
212139069080	13.0	13.0	01	8.0	10.2	7.9	8.7	06	3.4	1.0	13.0	15.0	7.16	04	10.0	10.0	02	13	8.65
212139071826	7.0	7.0	00	6.6	8.7	7.2	7.5	00	6.2	14.0	14.0	17.0	11.48	09	7.0	7.0	00	09	8.58
212139078578	10.0	10.0	01	9.3	7.6	7.5	8.13	00	8.35	16.0	17.0	13.0	12.54	09	6.0	6.0	00	10	9.29
212139072444	5.0	5.0	00	6.8	11.2	6.1	8.03	06	6.0	14.0	16.0	17.0	11.8	09	5.0	5.0	00	15	8.6
212139069886	8.0	8.0	00	7.6	6.1	7.3	7.0	00	7.2	14.0	16.0	17.0	12.28	09	0.0	0.0	00	09	7.79
212139073812	7.0	7.0	00	7.0	10.6	10.7	9.43	12	6.8	14.0	13.0	18.0	11.72	09	7.0	7.0	00	21	9.67
212139074641	7.0	7.0	00	7.6	9.7	12.2	9.83	06	5.0	15.0	13.0	13.0	10.2	09	7.0	7.0	00	15	9.44
202039061858	8.0	8.0	00	2.4	8.2	7.0	5.87	00	1.2	6.0	17.0	0.0	5.08	02	10.0	10.0	02	04	6.25
202039064276	11.0	11.0	01	8.0	10.3	5.4	7.9	06	8.0	14.0	10.0	14.5	10.9	09	11.0	11.0	02	18	9.33
212139073371	14.0	14.0	01	6.6	8.2	10.8	8.53	06	2.7	12.0	16.0	17.0	10.08	09	10.0	10.0	02	18	9.48
212139072784	8.0	8.0	00	9.0	7.2	7.6	7.93	00	5.6	10.0	19.5	12.0	10.54	09	7.0	7.0	00	09	8.59
212139069890	10.0	10.0	01	8.2	7.8	11.0	9.0	06	4.9	12.0	12.0	14.5	9.66	05	6.0	6.0	00	12	8.9
212139072716	7.0	7.0	00	6.9	9.4	6.9	7.73	00	9.6	12.0	11.0	15.5	11.54	09	10.0	10.0	02	11	9.07
212139056040	10.0	10.0	01	7.4	10.0	4.3	7.23	06	5.05	11.0	17.25	11.5	9.97	05	12.0	12.0	02	14	8.76
212139073757	12.0	12.0	01	8.6	7.6	6.6	7.6	00	8.2	6.5	10.0	16.0	9.78	04	10.0	10.0	02	07	8.78
212139074087	12.0	12.0	01	5.4	8.5	4.5	6.13	00	2.0	13.0	10.0	15.0	8.4	05	10.0	10.0	02	08	7.6
212139070604	10.0	10.0	01	6.8	7.5	6.8	7.03	00	10.0	18.0	10.0	14.0	12.4	09	10.0	10.0	02	12	9.13
212139068756	12.0	12.0	01	7.0	7.4	8.8	7.73	00	7.25	14.0	12.0	13.0	10.7	09	12.0	12.0	02	12	9.36
212139074636	9.0	9.0	00	2.4	9.8	2.5	4.9	00	3.0	10.0	0.0	0.0	3.2	01	7.0	7.0	00	01	4.89
212139071518	0.0	0.0	00	9.4	12.8	9.4	10.53	18	8.1	17.0	13.0	18.5	12.94	09	0.0	0.0	00	27	9.38
212139074388	9.0	9.0	00	9.2	6.6	6.4	7.4	00	6.8	13.0	10.0	18.5	11.02	09	10.0	10.0	02	11	8.86
212139070061	12.0	12.0	01	11.2	12.0	8.6	10.6	18	7.9	13.0	20.0	14.0	12.56	09	14.0	14.0	02	30	11.66

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139071796	10.0	10.0	01	11.8	7.5	11.9	10.4	18	7.3	15.0	14.5	13.0	11.42	09	10.0	10.0	02	30	10.63
202039063766	7.0	7.0	00	8.8	8.4	9.2	8.8	00	1.2	15.0	13.0	12.0	8.48	05	7.0	7.0	00	05	8.39
212139070891	8.0	8.0	00	8.0	7.2	6.3	7.17	00	3.8	13.0	11.0	18.5	10.02	09	7.0	7.0	00	09	8.04
212139071073	14.0	14.0	01	7.6	10.0	4.6	7.4	06	3.8	7.0	0.0	16.0	6.12	02	10.0	10.0	02	11	7.72
212139072481	6.0	6.0	00	10.0	7.8	8.3	8.7	06	4.7	10.0	10.75	17.0	9.43	05	7.0	7.0	00	11	8.56
212139069220	9.0	9.0	00	8.2	12.6	12.4	11.07	18	8.5	14.0	17.25	11.5	11.95	09	7.0	7.0	00	30	10.73
212139071295	7.0	7.0	00	6.6	9.1	9.8	8.5	00	7.8	14.0	19.0	13.0	12.32	09	7.0	7.0	00	09	9.36
212139071379	5.0	5.0	00	7.6	8.1	12.2	9.3	06	4.8	14.0	18.0	16.5	11.62	09	7.0	7.0	00	15	9.46
212139073769	11.0	11.0	01	7.6	15.6	14.3	12.5	18	7.9	16.0	14.0	13.0	11.76	09	16.0	16.0	02	30	12.61
212139072893	13.0	13.0	01	9.6	9.8	11.9	10.43	18	9.3	13.0	13.0	13.0	11.52	09	10.0	10.0	02	30	10.85
212139072894	15.0	15.0	01	10.8	15.3	8.1	11.4	18	8.35	15.0	16.0	13.0	12.14	09	12.0	12.0	02	30	11.9
212139073261	0.0	0.0	00	0.0	7.2	5.0	4.07	00	1.75	11.0	7.0	0.0	4.3	01	7.0	7.0	00	01	4.24
212139070861	12.0	12.0	01	9.4	11.5	6.3	9.07	06	5.7	10.0	17.75	16.0	11.03	09	7.0	7.0	00	16	9.58
212139071054	6.0	6.0	00	8.6	7.8	6.6	7.67	00	6.5	13.0	19.5	13.0	11.7	09	6.0	6.0	00	09	8.56
212139073366	14.0	14.0	01	6.8	8.0	6.7	7.17	00	8.25	12.0	17.5	14.0	12.0	09	12.0	12.0	02	12	9.56
212139070384	6.0	6.0	00	6.0	5.4	3.0	4.8	00	6.4	12.0	10.0	18.0	10.56	09	10.0	10.0	02	11	7.18
212139074494	10.0	10.0	01	9.9	8.4	9.1	9.13	00	6.8	12.0	17.5	14.0	11.42	09	4.0	4.0	00	10	9.25
212139075361	16.0	16.0	01	6.0	7.6	5.3	6.3	00	7.6	11.0	14.0	14.0	10.84	09	10.0	10.0	02	12	8.64
212139069814	4.0	4.0	00	10.8	5.1	7.4	7.77	06	3.8	12.0	10.0	13.0	8.52	05	10.0	10.0	02	13	8.03
212139075575	14.0	14.0	01	6.0	10.0	5.2	7.07	06	10.2	12.0	16.0	16.0	12.88	09	0.0	0.0	00	16	8.35
20069065559	9.0	9.0	00	10.6	7.2	3.6	7.13	06	7.8	8.0	15.25	12.0	10.17	09	11.0	11.0	02	17	8.59
212139078890	10.0	10.0	01	10.8	11.6	7.6	10.0	18	8.6	12.0	12.5	14.0	11.14	09	6.0	6.0	00	28	9.86
202039069804	10.0	10.0	01	6.4	12.4	8.8	9.2	06	11.4	8.0	14.5	10.5	11.16	09	0.0	0.0	00	16	8.74
212139077074	14.0	14.0	01	8.0	8.8	7.0	7.93	00	8.6	16.0	0.0	12.0	9.04	03	14.0	14.0	02	06	9.33
202039071733	7.0	7.0	00	11.8	8.8	15.3	11.97	18	6.2	14.0	13.0	16.5	11.18	09	7.0	7.0	00	30	10.86
212139077016	11.0	11.0	01	11.2	8.8	8.9	9.63	06	9.0	11.0	19.0	16.0	12.8	09	12.0	12.0	02	30	10.92
212139078821	12.0	12.0	01	8.5	8.2	8.4	8.37	00	6.4	12.0	12.0	14.0	10.16	09	11.0	11.0	02	12	9.42
212139076195	8.0	8.0	00	7.4	9.0	7.4	7.93	00	0.15	12.0	18.0	16.0	9.26	05	5.0	5.0	00	05	7.98

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139069206	11.0	11.0	01	11.5	11.2	13.9	12.2	18	8.0	14.0	17.5	14.0	12.3	09	7.0	7.0	00	30	11.55
171739076195	10.0	10.0	01	2.4	0.0	0.0	0.8	00	10.1	11.5	18.0	14.0	12.74	09	0.0	0.0	00	10	4.76
212139079446	0.0	0.0	00	4.6	3.9	0.0	2.83	00	0.0	10.0	0.0	0.0	2.0	01	0.0	0.0	00	01	2.09
212139071463	7.0	7.0	00	10.5	10.0	13.6	11.37	18	10.2	13.0	19.0	12.0	12.88	09	7.0	7.0	00	30	11.04
202039064208	0.0	0.0	00	11.4	8.4	5.7	8.5	06	4.4	13.0	15.0	13.0	9.96	05	0.0	0.0	00	11	7.43
212139072391	12.0	12.0	01	12.6	8.2	9.6	10.13	18	4.6	10.0	16.0	16.0	10.24	09	7.0	7.0	00	28	9.9
202039076990	10.0	10.0	01	6.2	5.8	2.8	4.93	00	6.4	13.0	7.0	12.0	8.96	03	12.0	12.0	02	06	7.25
212139078284	14.0	14.0	01	5.4	9.7	7.0	7.37	00	7.8	13.0	15.0	14.0	11.52	09	11.0	11.0	02	12	9.41
212139073337	10.0	10.0	01	11.8	7.3	8.4	9.17	06	7.3	13.0	16.0	14.0	11.52	09	10.0	10.0	02	30	10.01
212139075831	10.0	10.0	01	11.6	9.7	14.2	11.83	18	8.8	14.0	19.0	17.0	13.52	09	11.0	11.0	02	30	12.12
212139069067	12.0	12.0	01	9.2	9.4	8.0	8.87	00	8.7	16.0	16.0	16.0	13.08	09	10.0	10.0	02	30	10.43
212139075869	18.0	18.0	01	11.0	7.6	10.5	9.7	12	11.2	16.0	19.0	18.0	15.08	09	12.0	12.0	02	30	12.04
212139068605	10.0	10.0	01	7.0	7.95	8.2	7.72	00	7.15	15.0	10.5	13.0	10.56	09	10.0	10.0	02	12	8.96
212139076987	17.0	17.0	01	9.9	10.0	7.3	9.07	06	9.2	12.0	12.0	10.0	10.48	09	13.0	13.0	02	30	10.41
212139071839	6.0	6.0	00	11.6	11.3	14.6	12.5	18	10.6	14.0	14.5	16.0	13.14	09	6.0	6.0	00	30	11.54
181839079821	10.0	10.0	01	5.8	7.85	9.8	7.82	00	7.0	10.0	10.0	12.5	9.3	05	6.0	6.0	00	06	8.17
212139071751	8.0	8.0	00	10.0	9.0	18.9	12.63	18	6.4	13.0	17.5	14.0	11.46	09	10.0	10.0	02	30	11.7
212139070044	7.0	7.0	00	7.2	9.2	7.1	7.83	00	4.2	13.0	17.0	13.0	10.28	09	7.0	7.0	00	09	8.4
212139075274	10.0	10.0	01	8.0	9.6	4.4	7.33	00	8.6	11.0	11.0	16.0	11.04	09	10.0	10.0	02	12	8.89
212139075091	11.0	11.0	01	5.6	7.8	7.2	6.87	00	7.8	15.0	16.5	13.0	12.02	09	11.0	11.0	02	12	9.11
212139073661	12.0	12.0	01	8.8	13.4	4.0	8.73	06	9.0	14.0	13.5	17.0	12.5	09	7.0	7.0	00	16	9.83
202039068473	10.0	10.0	01	7.8	11.9	8.7	9.47	06	7.55	10.0	8.0	15.0	9.62	03	4.0	4.0	00	10	8.9
212139075838	10.0	10.0	01	10.4	11.8	9.4	10.53	18	6.05	14.0	16.0	0.0	8.42	03	6.0	6.0	00	22	9.35
212139068774	15.0	15.0	01	13.6	9.0	12.1	11.57	18	8.8	13.0	16.0	15.0	12.32	09	10.0	10.0	02	30	11.81
202039061718	9.0	9.0	00	7.0	5.1	6.8	6.3	00	6.6	12.0	17.0	12.0	10.84	09	10.0	10.0	02	11	8.23
212139069248	4.0	4.0	00	4.2	9.2	4.4	5.93	00	3.4	17.0	0.0	11.0	6.96	03	4.0	4.0	00	03	5.89
212139069192	9.0	9.0	00	6.6	7.6	6.0	6.73	00	7.2	16.0	8.0	13.0	10.28	09	12.0	12.0	02	11	8.53



	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
<b>212139069252</b>	10.0	10.0	01	5.0	7.6	5.6	6.07	00	4.7	10.0	13.0	10.0	8.48	05	10.0	10.0	02	08	<b>7.47</b>
<b>212139072529</b>	12.0	12.0	01	9.4	9.8	7.3	8.83	00	9.2	11.0	14.0	16.0	11.88	09	14.0	14.0	02	30	<b>10.52</b>
<b>212139069000</b>	8.0	8.0	00	8.4	10.1	5.0	7.83	06	5.25	12.0	17.0	12.0	10.3	09	7.0	7.0	00	15	<b>8.47</b>
<b>212139070577</b>	5.0	5.0	00	10.0	10.9	8.3	9.73	12	7.1	0.0	7.5	10.0	6.34	02	5.0	5.0	00	14	<b>7.9</b>
<b>212139068698</b>	12.0	12.0	01	11.2	5.9	6.0	7.7	06	4.2	12.0	10.0	15.25	9.13	05	12.0	12.0	02	14	<b>8.88</b>
<b>212139068584</b>	13.0	13.0	01	8.8	6.0	5.5	6.77	00	8.2	13.0	10.0	10.0	9.88	05	10.0	10.0	02	08	<b>8.43</b>
<b>212139074369</b>	15.0	15.0	01	7.6	7.7	7.1	7.47	00	9.35	12.0	17.75	16.0	12.89	09	10.0	10.0	02	12	<b>9.8</b>
<b>212139079010</b>	17.0	17.0	01	10.7	8.4	8.4	9.17	06	6.6	16.0	17.5	12.0	11.74	09	10.0	10.0	02	30	<b>10.48</b>
<b>212139078114</b>	6.0	6.0	00	8.4	10.4	8.6	9.13	06	7.75	15.0	18.0	17.0	13.1	09	10.0	10.0	02	30	<b>10.22</b>
<b>212139072623</b>	17.0	17.0	01	11.3	9.15	10.3	10.25	18	6.0	17.0	14.0	15.0	11.6	09	10.0	10.0	02	30	<b>11.01</b>
<b>202039065572</b>	10.0	10.0	01	3.8	7.0	4.9	5.23	00	7.6	10.0	0.0	10.0	7.04	03	10.0	10.0	02	06	<b>6.6</b>
<b>212139072842</b>	15.0	15.0	01	6.8	9.8	11.4	9.33	06	11.8	15.0	13.0	16.0	13.52	09	15.0	15.0	02	30	<b>11.56</b>
<b>212139086881</b>	13.0	13.0	01	4.8	9.3	8.2	7.43	00	7.0	13.0	16.0	15.0	11.6	09	5.0	5.0	00	10	<b>8.7</b>
<b>212139073792</b>	7.0	7.0	00	11.4	10.8	10.2	10.8	18	7.2	15.0	19.0	19.0	13.48	09	7.0	7.0	00	30	<b>10.92</b>
<b>212139072852</b>	10.0	10.0	01	11.8	10.0	9.2	10.33	18	8.8	16.0	16.0	18.0	13.52	09	10.0	10.0	02	30	<b>11.21</b>
<b>212139084945</b>	10.0	10.0	01	9.0	7.1	7.9	8.0	00	6.3	15.0	10.75	17.0	11.07	09	10.0	10.0	02	12	<b>9.26</b>
<b>202039076472</b>	16.0	16.0	01	11.0	12.4	13.7	12.37	18	13.1	16.0	14.0	16.0	14.44	09	15.0	15.0	02	30	<b>13.5</b>
<b>212139078290</b>	16.0	16.0	01	6.6	11.6	6.1	8.1	06	5.0	15.0	17.0	13.0	11.0	09	10.0	10.0	02	18	<b>9.64</b>
<b>212139069215</b>	10.0	10.0	01	7.9	13.4	9.4	10.23	18	6.6	13.0	19.0	11.0	11.24	09	10.0	10.0	02	30	<b>10.49</b>
<b>212139068707</b>	17.0	17.0	01	14.8	13.0	15.8	14.53	18	12.2	17.0	15.0	14.0	14.08	09	17.0	17.0	02	30	<b>14.83</b>
<b>212139070073</b>	11.0	11.0	01	8.6	14.8	10.2	11.2	18	8.9	15.0	17.75	15.0	13.11	09	10.0	10.0	02	30	<b>11.61</b>
<b>212139078932</b>	11.0	11.0	01	6.8	7.5	10.4	8.23	06	4.7	16.0	19.0	15.0	11.88	09	10.0	10.0	02	18	<b>9.67</b>
<b>212139069618</b>	11.0	11.0	01	9.8	8.4	5.6	7.93	00	7.2	15.0	18.0	11.0	11.68	09	11.0	11.0	02	12	<b>9.57</b>
<b>202039062803</b>	15.0	15.0	01	10.0	10.3	7.0	9.1	12	6.35	11.0	16.0	14.0	10.74	09	12.0	12.0	02	30	<b>10.27</b>
<b>212139078832</b>	6.0	6.0	00	6.4	9.2	5.8	7.13	00	8.25	12.0	18.0	0.0	9.3	03	6.0	6.0	00	03	<b>7.57</b>
<b>212139070005</b>	10.0	10.0	01	6.6	5.4	6.4	6.13	00	5.2	10.0	17.5	0.0	7.58	03	10.0	10.0	02	06	<b>7.24</b>
<b>212139071468</b>	13.0	13.0	01	11.6	9.6	11.2	10.8	18	9.2	13.0	18.0	11.5	12.18	09	13.0	13.0	02	30	<b>11.59</b>

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139072837	7.0	7.0	00	6.2	9.3	10.9	8.8	06	8.3	14.0	7.5	15.0	10.62	09	7.0	7.0	00	15	9.02
212139072883	6.0	6.0	00	8.0	8.5	4.3	6.93	00	5.2	12.0	13.5	15.0	10.18	09	7.0	7.0	00	09	7.84
202039065585	0.0	0.0	00	8.6	11.6	6.6	8.93	06	7.4	12.0	12.5	13.0	10.46	09	10.0	10.0	02	17	8.98
212139070634	14.0	14.0	01	11.6	13.1	12.1	12.27	18	14.8	15.0	11.33	15.0	14.19	09	14.0	14.0	02	30	13.14
212139068702	11.0	11.0	01	4.6	8.3	7.7	6.87	00	8.0	17.0	16.0	11.5	12.1	09	11.0	11.0	02	12	9.14
212139070525	11.0	11.0	01	7.7	9.2	8.3	8.4	00	7.2	15.0	17.5	11.5	11.68	09	11.0	11.0	02	12	9.82
212139072642	7.0	7.0	00	9.8	13.0	8.4	10.4	18	9.2	14.0	13.0	15.0	12.08	09	7.0	7.0	00	30	10.29
212139079545	6.0	6.0	00	4.6	7.5	5.2	5.77	00	7.6	15.0	15.0	16.0	12.24	09	6.0	6.0	00	09	7.71
212139074045	7.0	7.0	00	4.6	7.7	4.2	5.5	00	4.0	12.0	17.0	14.0	10.2	09	7.0	7.0	00	09	7.15
202039069790	12.0	12.0	01	7.5	9.0	6.0	7.5	00	6.0	11.0	13.75	10.0	9.35	05	10.0	10.0	02	08	8.6
212139071501	10.0	10.0	01	5.8	7.8	6.4	6.67	00	7.3	12.0	13.0	18.5	11.62	09	10.0	10.0	02	12	8.71
212139071435	13.0	13.0	01	8.8	9.5	8.4	8.9	00	16.4	16.0	18.0	12.0	15.76	09	10.0	10.0	02	30	11.29
212139077570	10.0	10.0	01	8.4	7.1	7.0	7.5	00	7.9	11.0	16.0	16.5	11.86	09	10.0	10.0	02	12	9.22
212139070991	10.0	10.0	01	10.4	11.4	8.3	10.03	18	5.6	15.0	19.5	13.5	11.84	09	10.0	10.0	02	30	10.56
212139070047	15.0	15.0	01	10.8	12.6	11.7	11.7	18	12.8	10.0	18.0	14.0	13.52	09	18.0	18.0	02	30	13.17
212139079472	0.0	0.0	00	8.4	0.0	3.6	4.0	00	7.0	0.0	15.0	0.0	5.8	02	0.0	0.0	00	02	3.82
212139077055	16.0	16.0	01	9.7	7.1	11.4	9.4	06	9.8	15.0	17.5	13.0	13.02	09	7.0	7.0	00	30	10.57
202039071676	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139072537	14.0	14.0	01	11.8	9.15	15.7	12.22	18	13.2	16.0	12.0	13.5	13.58	09	10.0	10.0	02	30	12.46
202039065129	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139073674	11.0	11.0	01	10.3	8.3	10.0	9.53	12	5.8	14.0	17.5	13.0	11.22	09	6.0	6.0	00	22	9.7
212139084612	15.0	15.0	01	6.4	6.4	7.3	6.7	00	8.0	14.0	10.0	14.0	10.8	09	14.0	14.0	02	12	9.25
212139069101	10.0	10.0	01	10.8	11.9	5.6	9.43	12	8.15	18.0	16.5	0.0	10.16	09	20.0	20.0	02	30	10.92
212139084457	14.0	14.0	01	8.0	6.8	6.2	7.0	00	2.25	14.0	16.0	16.0	10.1	09	0.0	0.0	00	10	7.5
212139069183	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139070046	12.0	12.0	01	6.6	9.0	5.8	7.13	00	5.6	12.0	13.0	16.0	10.44	09	6.0	6.0	00	10	8.26
212139074643	3.0	3.0	00	12.4	13.6	10.0	12.0	18	6.4	13.0	20.0	12.0	11.56	09	10.0	10.0	02	30	11.11

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139073373	13.0	13.0	01	11.0	8.2	10.8	10.0	18	8.2	14.0	16.0	15.0	12.28	09	10.0	10.0	02	30	10.85
202039070291	14.0	14.0	01	12.8	6.8	5.2	8.27	06	10.0	10.0	17.0	10.0	11.4	09	10.0	10.0	02	18	9.73
202039067308	8.0	8.0	00	5.8	7.9	5.4	6.37	00	11.4	12.0	12.0	15.0	12.36	09	8.0	8.0	00	09	8.42
212139071732	12.0	12.0	01	12.1	9.8	14.8	12.23	18	6.8	14.0	17.5	14.0	11.82	09	10.0	10.0	02	30	11.83
212139071848	10.0	10.0	01	10.8	10.9	14.0	11.9	18	9.3	14.0	13.0	14.0	11.92	09	10.0	10.0	02	30	11.57
212139084907	9.0	9.0	00	6.0	9.7	5.8	7.17	00	6.4	14.0	16.0	10.0	10.56	09	7.0	7.0	00	09	8.25
212139071830	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139068779	13.0	13.0	01	9.9	9.8	7.2	8.97	00	8.4	13.0	11.0	12.5	10.66	09	7.0	7.0	00	10	9.47
212139074401	11.0	11.0	01	5.4	6.4	8.3	6.7	00	5.9	13.0	10.0	18.5	10.66	09	6.0	6.0	00	10	8.04
212139078989	19.0	19.0	01	15.4	12.8	18.4	15.53	18	8.6	15.0	19.0	19.0	14.04	09	7.0	7.0	00	30	14.29
212139073282	8.0	8.0	00	10.6	9.9	11.4	10.63	18	9.6	13.0	5.0	0.0	7.44	01	5.0	5.0	00	19	8.87
212139074669	10.0	10.0	01	7.8	11.4	8.8	9.33	06	5.8	12.0	0.0	14.0	7.52	03	10.0	10.0	02	12	8.92
212139073255	15.0	15.0	01	6.4	8.4	8.4	7.73	00	8.1	13.0	16.5	16.0	12.34	09	12.0	12.0	02	30	10.02
212139074598	11.0	11.0	01	12.2	6.8	8.1	9.03	06	6.6	13.0	19.5	17.0	12.54	09	12.0	12.0	02	30	10.53
202039062780	10.0	10.0	01	11.0	9.1	5.6	8.57	06	10.2	10.0	14.5	8.5	10.68	09	10.0	10.0	02	18	9.44
212139072904	11.0	11.0	01	10.8	13.8	11.4	12.0	18	7.96	16.0	16.0	17.0	12.98	09	10.0	10.0	02	30	11.99
212139070859	9.0	9.0	00	12.0	6.6	8.6	9.07	06	9.7	10.0	16.0	13.0	11.68	09	11.0	11.0	02	30	10.06
212139069203	11.0	11.0	01	7.4	12.6	8.4	9.47	06	7.8	15.0	19.0	10.0	11.92	09	10.0	10.0	02	30	10.34
202039065556	14.0	14.0	01	13.0	6.4	6.9	8.77	06	6.2	17.0	14.0	14.0	11.48	09	5.0	5.0	00	16	9.43
202039065269	13.0	13.0	01	6.2	7.4	6.4	6.67	00	6.4	14.0	16.75	12.5	11.21	09	10.0	10.0	02	12	8.77
212139069190	11.0	11.0	01	6.0	10.8	0.6	5.8	06	6.0	15.0	19.5	15.5	12.4	09	0.0	0.0	00	16	7.36
212139072884	14.0	14.0	01	8.8	12.6	7.3	9.57	06	8.2	15.0	12.5	15.0	11.78	09	13.0	13.0	02	30	10.88
212139075587	16.0	16.0	01	5.8	3.4	7.0	5.4	00	9.2	14.0	16.0	16.0	12.88	09	12.0	12.0	02	12	9.0
212139075827	16.0	16.0	01	10.2	9.9	13.9	11.33	18	11.0	16.0	10.25	10.5	11.75	09	12.0	12.0	02	30	11.81
212139083986	13.0	13.0	01	5.8	6.4	4.3	5.5	00	7.5	14.0	10.0	14.0	10.6	09	13.0	13.0	02	12	8.32
212139072482	12.0	12.0	01	9.2	7.2	9.7	8.7	00	7.2	15.0	17.0	16.0	12.48	09	10.0	10.0	02	30	10.16
212139070659	6.0	6.0	00	11.8	9.5	14.5	11.93	18	7.35	16.0	11.0	11.5	10.64	09	6.0	6.0	00	30	10.5
212139070643	16.0	16.0	01	10.0	11.3	10.1	10.47	18	8.5	16.0	11.33	10.0	10.87	09	16.0	16.0	02	30	11.56

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139073780	13.0	13.0	01	6.4	9.2	7.3	7.63	00	5.6	17.0	14.0	14.0	11.24	09	6.0	6.0	00	10	8.82
212139073682	12.0	12.0	01	10.6	9.2	8.0	9.27	06	7.9	13.0	17.5	13.0	11.86	09	0.0	0.0	00	16	9.1
202039066380	12.0	12.0	01	7.0	7.9	5.0	6.63	00	0.0	17.0	11.5	10.0	7.7	05	10.0	10.0	02	08	7.66
212139073808	11.0	11.0	01	5.8	10.8	7.2	7.93	06	5.6	16.0	16.0	17.0	12.04	09	10.0	10.0	02	18	9.56
212139073791	12.0	12.0	01	2.4	10.4	7.8	6.87	06	3.75	0.0	7.0	10.0	4.9	02	12.0	12.0	02	11	7.2
212139078289	14.0	14.0	01	6.0	10.8	5.2	7.33	06	7.8	10.0	15.0	14.0	10.92	09	11.0	11.0	02	18	9.21
202039062810	0.0	0.0	00	5.0	0.0	0.0	1.67	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.88
212139078264	12.0	12.0	01	11.8	8.95	7.8	9.52	06	8.6	10.0	14.0	12.0	10.64	09	13.0	13.0	02	30	10.4
212139069122	0.0	0.0	00	0.4	0.0	0.0	0.13	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.07
212139077075	11.0	11.0	01	11.2	9.8	8.7	9.9	06	5.95	13.0	16.0	15.0	11.18	09	7.0	7.0	00	30	10.0
212139078183	12.0	12.0	01	12.0	8.6	8.2	9.6	06	5.7	15.0	10.5	17.0	10.78	09	7.0	7.0	00	16	9.78
212139076063	12.0	12.0	01	11.8	9.1	6.8	9.23	06	11.8	15.0	19.0	20.0	15.52	09	0.0	0.0	00	30	10.16
212139071065	4.0	4.0	00	12.0	10.4	6.0	9.47	12	6.2	14.0	19.5	13.0	11.78	09	4.0	4.0	00	21	9.18
212139077025	14.0	14.0	01	8.6	6.2	5.2	6.67	00	11.0	13.0	10.0	15.0	12.0	09	12.0	12.0	02	12	9.3
212139076963	4.0	4.0	00	8.4	8.1	6.1	7.53	00	7.8	12.0	14.0	12.0	10.72	09	10.0	10.0	02	11	8.55
212139073266	7.0	7.0	00	0.0	0.0	1.6	0.53	00	1.2	10.0	0.0	0.0	2.48	01	10.0	10.0	02	03	2.6
212139079265	10.0	10.0	01	9.0	7.15	3.2	6.45	00	3.1	12.0	0.0	13.5	6.34	03	10.0	10.0	02	06	7.04
212139079542	10.0	10.0	01	10.5	8.3	6.0	8.27	06	7.0	13.0	15.0	14.0	11.2	09	10.0	10.0	02	18	9.44
212139077436	7.0	7.0	00	9.2	8.4	5.4	7.67	00	5.6	13.0	7.0	12.0	8.64	03	7.0	7.0	00	03	7.84
212139074504	11.0	11.0	01	7.6	7.7	8.0	7.77	00	9.6	12.0	15.0	12.0	11.64	09	10.0	10.0	02	12	9.36
212139069978	11.0	11.0	01	13.0	7.2	7.8	9.33	06	8.2	16.0	10.0	12.0	10.88	09	10.0	10.0	02	18	9.96
212139068853	10.0	10.0	01	9.0	11.0	5.6	8.53	06	6.6	13.0	17.75	15.0	11.79	09	7.0	7.0	00	16	9.4
212139077064	6.0	6.0	00	8.8	11.7	11.1	10.53	18	7.75	16.0	15.0	16.0	12.5	09	7.0	7.0	00	30	10.43
202039064321	13.0	13.0	01	12.1	7.4	6.2	8.57	06	5.8	11.0	17.0	10.0	9.92	05	10.0	10.0	02	14	9.4
212139068910	7.0	7.0	00	10.8	7.0	6.5	8.1	06	7.8	11.0	0.0	13.0	7.92	03	10.0	10.0	02	11	8.21
212139068845	14.0	14.0	01	7.4	8.8	6.0	7.4	00	7.2	10.0	17.75	16.0	11.63	09	12.0	12.0	02	12	9.57
212139078818	13.0	13.0	01	8.9	7.9	8.2	8.33	00	4.6	15.0	14.0	14.0	10.44	09	7.0	7.0	00	10	9.07
212139071416	11.0	11.0	01	4.6	5.8	7.6	6.0	00	7.0	12.0	0.0	14.0	8.0	03	6.0	6.0	00	04	6.88

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
212139085404	13.0	13.0	01	4.8	10.5	14.7	10.0	18	12.4	10.0	18.0	16.5	13.86	09	10.0	10.0	02	30	11.31
212139085245	13.0	13.0	01	14.8	12.8	12.3	13.3	18	12.4	14.0	14.0	15.0	13.56	09	13.0	13.0	02	30	13.32
212139070377	10.0	10.0	01	7.0	4.2	6.4	5.87	00	4.8	12.0	20.0	0.0	8.32	03	0.0	0.0	00	04	6.14
212139068653	7.0	7.0	00	5.8	9.8	5.8	7.13	00	5.8	13.0	16.0	11.0	10.32	09	7.0	7.0	00	09	8.05
212139074102	10.0	10.0	01	10.4	8.2	6.6	8.4	06	8.0	15.0	10.0	19.0	12.0	09	12.0	12.0	02	18	9.98
212139074107	14.0	14.0	01	9.2	9.2	6.8	8.4	00	6.2	10.0	10.0	19.0	10.28	09	10.0	10.0	02	12	9.47
212139074002	9.0	9.0	00	6.8	9.3	5.0	7.03	00	4.75	10.0	19.0	14.0	10.5	09	7.0	7.0	00	09	8.16
212139078250	8.0	8.0	00	8.2	7.3	8.5	8.0	00	7.15	14.0	16.0	13.0	11.46	09	10.0	10.0	02	11	9.25
212139070594	11.0	11.0	01	12.0	9.6	9.5	10.37	18	8.5	17.0	13.0	13.5	12.1	09	11.0	11.0	02	30	10.99
212139071361	12.0	12.0	01	9.8	5.7	5.0	6.83	00	9.0	14.0	16.0	13.0	12.2	09	10.0	10.0	02	12	9.09
212139071522	8.0	8.0	00	8.5	8.4	5.7	7.53	00	1.2	15.0	0.0	10.0	5.48	03	10.0	10.0	02	05	7.25
212139071800	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
212139074475	13.0	13.0	01	11.8	8.6	13.4	11.27	18	11.2	12.0	10.0	11.0	11.08	09	10.0	10.0	02	30	11.17
212139072789	12.0	12.0	01	11.0	6.1	5.8	7.63	06	8.6	15.0	10.0	15.0	11.44	09	11.0	11.0	02	18	9.4
212139074640	5.0	5.0	00	6.2	9.0	8.1	7.77	00	5.55	4.0	13.0	13.0	8.22	04	5.0	5.0	00	04	7.41
212139072872	11.0	11.0	01	12.0	11.2	6.5	9.9	12	9.8	15.0	12.5	14.0	12.22	09	11.0	11.0	02	30	10.78
212139074605	6.0	6.0	00	6.2	8.2	5.8	6.73	00	6.4	13.0	19.5	17.0	12.46	09	7.0	7.0	00	09	8.4
202039068860	11.0	11.0	01	5.3	6.8	3.6	5.23	00	9.8	14.0	14.0	14.5	12.42	09	13.0	13.0	02	12	8.6
212139076068	11.0	11.0	01	8.6	5.7	5.3	6.53	00	7.4	16.0	17.25	20.0	13.61	09	10.0	10.0	02	12	9.28
212139070053	14.0	14.0	01	10.8	12.2	12.1	11.7	18	8.2	10.0	11.0	10.0	9.48	05	0.0	0.0	00	24	9.81
161639046460	0.0	0.0	00	2.4	0.0	0.0	0.8	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.42
212139074488	14.0	14.0	01	4.6	8.15	5.2	5.98	00	7.8	11.0	15.0	16.0	11.52	09	12.0	12.0	02	12	8.79
212139073389	14.0	14.0	01	9.6	10.2	9.6	9.8	06	9.2	13.0	0.0	12.0	8.68	03	10.0	10.0	02	12	9.74
212139073324	10.0	10.0	01	13.2	9.6	13.0	11.93	18	9.0	13.0	16.75	14.0	12.35	09	6.0	6.0	00	30	11.24
212139070673	10.0	10.0	01	7.8	8.4	10.7	8.97	06	8.85	14.0	7.0	11.0	9.94	03	10.0	10.0	02	12	9.44
212139072862	7.0	7.0	00	5.4	8.8	7.1	7.1	00	8.4	13.0	16.5	10.0	11.26	09	7.0	7.0	00	09	8.31
212139076192	11.0	11.0	01	12.4	11.15	10.1	11.22	18	8.6	13.0	10.0	13.0	10.64	09	7.0	7.0	00	30	10.54
202039068598	15.0	15.0	01	6.0	12.5	3.6	7.37	06	8.2	10.0	16.5	14.83	11.55	09	7.0	7.0	00	16	9.0

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	langue anglaise 2	Moyenne UE			Credit UE
212139068877	8.0	8.0	00	10.3	11.6	11.8	11.23	18	8.4	16.0	17.0	13.0	12.56	09	10.0	10.0	02	30	11.29
202039066037	11.0	11.0	01	3.2	0.0	1.6	1.6	00	10.4	12.0	0.0	0.0	6.56	05	10.0	10.0	02	08	4.6
212139073361	10.0	10.0	01	8.8	9.5	4.7	7.67	00	10.4	11.0	0.0	12.0	8.76	07	10.0	10.0	02	10	8.4
212139073379	15.0	15.0	01	8.8	12.2	7.0	9.33	06	8.4	15.0	17.0	12.0	12.16	09	11.0	11.0	02	30	10.69
212139076179	12.0	12.0	01	6.8	7.6	7.1	7.17	00	5.5	11.0	18.0	16.0	11.2	09	10.0	10.0	02	12	8.97
212139072805	9.0	9.0	00	6.0	9.8	5.3	7.03	00	7.7	14.0	17.25	10.0	11.33	09	10.0	10.0	02	11	8.76
212139070629	5.0	5.0	00	11.6	7.0	10.2	9.6	12	2.4	12.0	0.0	15.0	6.36	03	7.0	7.0	00	15	8.07
202039065177	13.0	13.0	01	13.0	12.0	11.5	12.17	18	10.0	15.0	11.5	16.0	12.5	09	0.0	0.0	00	30	10.88
212139069176	10.0	10.0	01	9.2	10.6	7.4	9.07	06	8.5	13.0	17.75	15.0	12.55	09	18.0	18.0	02	30	11.2
212139068750	11.0	11.0	01	13.2	8.7	9.4	10.43	18	9.65	15.0	13.0	16.0	12.66	09	10.0	10.0	02	30	11.07
212139072822	5.0	5.0	00	9.4	9.1	7.1	8.53	00	3.1	13.0	19.5	16.0	10.94	09	5.0	5.0	00	09	8.62
212139070390	12.0	12.0	01	7.4	5.0	11.3	7.9	06	15.0	16.0	16.5	13.0	15.1	09	12.0	12.0	02	30	10.74
212139073381	13.0	13.0	01	6.0	13.6	4.6	8.07	06	8.2	13.0	17.0	13.0	11.88	09	14.0	14.0	02	30	10.18
212139071814	7.0	7.0	00	9.6	8.0	4.6	7.4	00	4.6	10.0	18.0	11.0	9.64	05	7.0	7.0	00	05	7.99
212139070501	7.0	7.0	00	10.2	10.2	6.5	8.97	12	6.6	16.0	19.0	17.0	13.04	09	7.0	7.0	00	21	9.82
212139069194	13.0	13.0	01	12.0	9.1	15.0	12.03	18	9.6	14.0	14.0	18.0	13.04	09	10.0	10.0	02	30	12.15
212139070058	10.0	10.0	01	7.4	7.8	4.2	6.47	00	7.0	9.0	12.0	10.0	9.0	04	7.0	7.0	00	05	7.48
212139070054	9.0	9.0	00	9.6	7.7	10.7	9.33	06	6.4	15.0	17.25	13.0	11.61	09	10.0	10.0	02	30	10.06
212139069265	13.0	13.0	01	11.4	14.4	12.4	12.73	18	4.2	12.0	18.0	19.0	11.48	09	10.0	10.0	02	30	12.06
212139072568	12.0	12.0	01	10.2	16.5	14.1	13.6	18	13.0	18.0	16.0	17.5	15.5	09	12.0	12.0	02	30	13.88
191939078959	0.0	0.0	00	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0	00	00	0.0
191939065510	12.0	12.0	01	6.8	5.55	9.1	7.15	00	12.4	13.0	0.0	10.0	9.56	07	4.0	4.0	00	08	7.77
212139070030	9.0	9.0	00	6.7	6.3	10.4	7.8	06	8.8	12.0	17.0	14.0	12.12	09	10.0	10.0	02	17	9.4
212139070063	13.0	13.0	01	6.8	11.4	11.6	9.93	12	5.95	11.0	20.0	14.0	11.38	09	10.0	10.0	02	30	10.55
212139074094	8.0	8.0	00	1.8	10.8	7.4	6.67	06	3.8	16.0	10.0	16.0	9.92	05	10.0	10.0	02	13	8.1
212139079255	7.0	7.0	00	9.2	7.0	10.4	8.87	06	7.05	16.0	13.0	14.5	11.52	09	7.0	7.0	00	15	9.32
212139072657	13.0	13.0	01	8.7	11.1	13.6	11.13	18	11.2	18.0	14.0	12.0	13.28	09	10.0	10.0	02	30	11.74

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Credit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Credit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Credit UE	Langue anglaise 2	Moyenne UE			Credit UE
212139072823	8.0	8.0	00	11.2	7.5	8.6	9.1	06	3.5	13.0	20.0	17.0	11.4	09	8.0	8.0	00	15	9.58
21069058549	12.0	12.0	01	3.8	1.8	4.1	3.23	00	8.0	8.0	0.0	16.0	8.0	02	6.0	6.0	00	03	5.47
212139072672	11.0	11.0	01	5.4	10.2	4.0	6.53	06	9.4	13.0	12.0	16.0	11.96	09	11.0	11.0	02	18	8.92
212139071511	10.0	10.0	01	7.6	7.65	8.5	7.92	00	4.8	17.0	13.0	18.5	11.62	09	10.0	10.0	02	12	9.38
212139069687	10.0	10.0	01	6.4	5.6	6.2	6.07	00	7.4	0.0	7.0	8.5	6.06	00	10.0	10.0	02	03	6.76
212139069839	18.0	18.0	01	12.6	8.0	16.0	12.2	18	7.3	10.0	16.5	12.5	10.72	09	10.0	10.0	02	30	11.85
212139071877	11.0	11.0	01	7.2	10.1	5.2	7.5	06	3.35	0.0	17.0	16.0	7.94	04	10.0	10.0	02	13	8.13
202039071041	10.0	10.0	01	7.4	6.0	4.0	5.8	00	4.15	7.0	15.75	10.0	8.21	04	10.0	10.0	02	07	7.25
202039066148	14.0	14.0	01	5.4	9.9	7.6	7.63	00	7.6	11.0	10.5	19.0	11.14	09	10.0	10.0	02	12	9.32
212139073214	13.0	13.0	01	6.4	8.0	12.8	9.07	06	6.6	16.0	16.5	17.0	12.54	09	11.0	11.0	02	30	10.55
212139073264	14.0	14.0	01	8.2	7.2	6.8	7.4	00	5.1	10.0	10.0	16.0	9.24	05	7.0	7.0	00	06	8.28
212139073274	11.0	11.0	01	10.0	9.0	9.5	9.5	06	10.0	13.0	10.0	15.0	11.6	09	12.0	12.0	02	30	10.5
212139085518	13.0	13.0	01	8.8	10.3	3.6	7.57	06	4.3	17.0	14.0	0.0	7.92	03	10.0	10.0	02	12	8.28
212139068973	8.0	8.0	00	10.0	9.4	10.7	10.03	18	5.75	11.0	0.0	0.0	4.5	01	7.0	7.0	00	19	7.93
212139076080	12.0	12.0	01	9.6	6.9	6.8	7.77	00	9.0	13.0	19.0	17.0	13.4	09	10.0	10.0	02	12	9.94
212139074453	8.0	8.0	00	10.2	8.7	8.2	9.03	06	10.2	13.0	17.25	18.0	13.73	09	10.0	10.0	02	30	10.47
212139077576	7.0	7.0	00	8.8	9.55	11.1	9.82	06	5.5	14.0	16.0	16.5	11.5	09	10.0	10.0	02	30	10.17
212139078817	7.0	7.0	00	5.0	2.55	6.4	4.65	00	7.1	15.0	15.0	12.0	11.24	09	6.0	6.0	00	09	6.89
212139074629	14.0	14.0	01	9.3	8.9	8.3	8.83	00	5.2	14.0	17.75	12.0	10.83	09	10.0	10.0	02	12	9.86
212139074093	6.0	6.0	00	8.4	9.3	6.3	8.0	00	5.2	0.0	10.0	15.0	7.08	04	7.0	7.0	00	04	7.49
212139084027	9.0	9.0	00	8.8	9.0	11.0	9.6	06	9.8	10.0	14.0	14.0	11.52	09	10.0	10.0	02	30	10.18
212139072838	11.0	11.0	01	6.2	7.1	7.7	7.0	00	6.4	13.0	7.5	18.0	10.26	09	11.0	11.0	02	12	8.66
212139073383	11.0	11.0	01	5.0	8.8	10.0	7.93	06	5.6	16.0	16.0	16.0	11.84	09	10.0	10.0	02	18	9.5
212139073758	13.0	13.0	01	7.0	5.0	8.4	6.8	00	4.8	12.0	18.0	13.0	10.52	09	11.0	11.0	02	12	8.75
212139072898	11.0	11.0	01	7.2	11.8	3.3	7.43	06	5.2	14.0	14.0	15.0	10.68	09	10.0	10.0	02	18	8.9
212139073618	13.0	13.0	01	7.6	5.8	5.9	6.43	00	6.25	13.0	3.5	10.0	7.8	03	10.0	10.0	02	06	7.64
212139074096	8.0	8.0	00	7.8	9.4	8.8	8.67	00	4.9	10.0	11.0	15.0	9.16	05	10.0	10.0	02	07	8.93

	A00D0001S			A00F0001S					A00M0001S					A00T0001S			Crédits du semestre	Moyenne du semestre	
	Les métiers en sciences et technologies	Moyenne UE	Crédit UE	Physique 2	Thermodynamique	mathématiques 2	Moyenne UE	Crédit UE	Informatique 2	Méthodologie de la Présentation	TP Chimie 2	TP Physique 2	Moyenne UE	Crédit UE	langue anglaise 2	Moyenne UE			Crédit UE
<b>212139073764</b>	12.0	12.0	01	6.9	11.2	8.5	8.87	06	5.0	15.0	17.5	12.0	10.9	09	11.0	11.0	02	18	<b>9.9</b>
<b>212139074027</b>	6.0	6.0	00	8.6	10.4	7.2	8.73	06	9.3	14.0	19.5	13.0	13.02	09	12.0	12.0	02	30	<b>10.22</b>
<b>212139073796</b>	13.0	13.0	01	6.4	11.3	5.7	7.8	06	5.9	15.0	16.0	15.0	11.56	09	10.0	10.0	02	18	<b>9.47</b>
<b>212139072554</b>	10.0	10.0	01	8.3	6.6	3.8	6.23	00	7.0	12.0	19.0	0.0	9.0	03	5.0	5.0	00	04	<b>7.12</b>