



2025/2026

Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Entreprenariat / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207				17.5		17.5		NORMA
2	242434081215				14.5		14.5		NORMA
3	242434055401				15.5		15.5		NORMA
4	232334128411				14.0		14.0		NORMA
5	212134004976				2.5		13.0	13.0	NORMA
6	212134002457				4.5		4.5		NORMA
7	232334007509				15.5		15.5		NORMA
8	212134005121				10.0		10.0		NORMA
9	232339459708				0.0		0.0		NORMA
10	242434081409				14.0		14.0		NORMA
11	212134063424				0.0		0.0		NORMA
12	222234025901				11.0		11.0		NORMA
13	242434046805				13.5		13.5		NORMA
14	232334069819				14.5		14.5		NORMA
15	242434069504				14.0		14.0		NORMA
16	222234003816				14.0		14.0		NORMA
17	242434005406				16.0		16.0		NORMA
18	222234060902				13.0		13.0		NORMA
19	232334019020				14.5		14.5		NORMA
20	222234004005				0.0		0.0		NORMA
21	232334014815				14.5		14.5		NORMA
22	242434081118				15.5		15.5		NORMA
23	222234003702				13.5		13.5		NORMA
24	222234051409				0.0		13.0	13.0	NORMA
25	232334090711				14.5		14.5		NORMA
26	232334021702				14.0		14.0		NORMA
27	212134006619				0.0		0.0	0.0	NORMA
28	212134007536				0.0		12.5	12.5	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805				12.5		12.5		NORMA
2	232334072004				11.5		11.5		NORMA
3	232334026104				11.5		11.5	11.5	NORMA
4	242434004701				13.0		13.0		NORMA
5	232334017315				13.0		13.0		NORMA
6	232334051920				13.0		13.0		NORMA
7	232334069809				14.5		14.5		NORMA
8	232334015306				15.5		15.5		NORMA
9	242434040212				13.5		13.5		NORMA
10	232334061015				14.5		14.5		NORMA
11	232434101407				0.0		0.0		NORMA
12	232334044206				15.5		15.5		NORMA
13	242434051609				14.0		14.0		NORMA
14	222234029513				11.5		11.5		NORMA
15	222234016803				14.5		14.5		NORMA
16	222234014904				0.0		0.0		NORMA
17	242434017006				12.0		12.0		NORMA
18	232334015503				14.0		14.0		NORMA
19	232334032313				11.5		11.5	11.5	NORMA
20	242434020405				15.5		15.5		NORMA
21	222234003902				11.5		11.5	11.5	NORMA
22	212135027010				11.0		11.0	11.0	NORMA
23	222234009806				10.0		10.0	0.0	NORMA
24	222235334902				0.0		0.0		NORMA
25	232334004616				10.5		10.5	0.0	NORMA
26	222234014716				14.5		14.5		NORMA
27	232334025913				10.0		10.0		NORMA
28	222234054802				10.0		10.0	0.0	NORMA
29	232334017110				12.5		12.5		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Ethique des affaires / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434094207			10.0	0.0		10.0		NORMA
2	242434081215			13.5	0.0		13.5		NORMA
3	242434055401			5.0	0.0		5.0		NORMA
4	232334128411			11.5	0.0		11.5		NORMA
5	212134004976			0.0	0.0		11.0	11.0	NORMA
6	212134002457			0.0	0.0		0.0		NORMA
7	232334007509			16.0	0.0		16.0		NORMA
8	212134005121			10.5	0.0		10.5		NORMA
9	232339459708			0.0	0.0		0.0		NORMA
10	242434081409			12.0	0.0		12.0		NORMA
11	212134063424			5.5	0.0		5.5		NORMA
12	222234025901			11.0	0.0		11.0		NORMA
13	242434046805			10.0	0.0		10.0		NORMA
14	232334069819			8.5	0.0		8.5		NORMA
15	242434069504			8.0	0.0		8.0		NORMA
16	222234003816			13.0	0.0		13.0		NORMA
17	242434005406			5.0	0.0		5.0		NORMA
18	222234060902			8.5	0.0		8.5		NORMA
19	232334019020			0.0	0.0		0.0		NORMA
20	222234004005			0.0	0.0		0.0		NORMA
21	232334014815			10.0	0.0		10.0		NORMA
22	242434081118			13.0	0.0		13.0		NORMA
23	222234003702			10.5	0.0		10.5		NORMA
24	222234051409			0.0	0.0		15.0	15.0	NORMA
25	232334090711			10.0	0.0		10.0		NORMA
26	232334021702			4.0	0.0		4.0		NORMA
27	212134006619			11.5	0.0		11.5	0.0	NORMA
28	212134007536			0.5	0.0		0.5	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434016805			10.0	0.0		10.0		NORMA
2	232334072004			4.5	0.0		4.5		NORMA
3	232334026104			0.0	0.0		11.0	11.0	NORMA
4	242434004701			5.0	0.0		5.0		NORMA
5	232334017315			7.5	0.0		7.5		NORMA
6	232334051920			6.0	0.0		6.0		NORMA
7	232334069809			5.0	0.0		5.0		NORMA
8	232334015306			4.0	0.0		4.0		NORMA
9	242434040212			9.0	0.0		9.0		NORMA
10	232334061015			2.0	0.0		2.0		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			14.5	0.0		14.5		NORMA
13	242434051609			12.5	0.0		12.5		NORMA
14	222234029513			16.0	0.0		16.0		NORMA
15	222234016803			11.0	0.0		11.0		NORMA
16	222234014904			0.0	0.0		0.0		NORMA
17	242434017006			13.0	0.0		13.0		NORMA
18	232334015503			3.5	0.0		3.5		NORMA
19	232334032313			5.5	0.0		6.0	6.0	NORMA
20	242434020405			1.5	0.0		1.5		NORMA
21	222234003902			0.0	0.0		14.0	14.0	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			10.0	0.0		10.0	0.0	NORMA
24	222235334902			0.0	0.0		0.0		NORMA
25	232334004616			0.0	0.0		5.5	5.5	NORMA
26	222234014716			13.0	0.0		13.0		NORMA
27	232334025913			15.0	0.0		15.0		NORMA
28	222234054802			6.0	0.0		6.0	0.0	NORMA
29	232334017110			14.0	0.0		14.0		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Finance et commerce international / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207			13.0	13.0		13.0		NORMA
2	242434081215			9.5	14.0		11.3		NORMA
3	242434055401			3.0	11.0		6.2		NORMA
4	232334128411			10.0	13.5		11.4		NORMA
5	212134004976			6.5	11.5		8.5	0.0	NORMA
6	212134002457			0.0	0.0		0.0		NORMA
7	232334007509			18.0	15.0		16.8		NORMA
8	212134005121			6.0	12.5		8.6		NORMA
9	232339459708			2.0	0.0		1.2		NORMA
10	242434081409			9.0	14.5		11.2		NORMA
11	212134063424			0.5	1.0		0.7		NORMA
12	222234025901			3.0	7.0		4.6		NORMA
13	242434046805			10.0	13.0		11.2		NORMA
14	232334069819			5.0	11.5		7.6		NORMA
15	242434069504			6.0	12.5		8.6		NORMA
16	222234003816			13.0	11.0		12.2		NORMA
17	242434005406			10.0	13.5		11.4		NORMA
18	222234060902			8.0	13.5		10.2		NORMA
19	232334019020			11.0	15.5		12.8		NORMA
20	222234004005			3.0	0.0		1.8		NORMA
21	232334014815			17.0	15.5		16.4		NORMA
22	242434081118			9.0	15.5		11.6		NORMA
23	222234003702			14.0	15.0		14.4		NORMA
24	222234051409			0.0	10.4		10.4	10.4	NORMA
25	232334090711			16.0	17.5		16.6		NORMA
26	232334021702			11.0	12.0		11.4		NORMA
27	212134006619			14.5	12.5		13.7	0.0	NORMA
28	212134007536			4.0	10.5		6.6	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805			7.5	12.5		9.5		NORMA
2	232334072004			14.5	11.5		13.3		NORMA
3	232334026104			0.0	0.0		12.4	12.4	NORMA
4	242434004701			12.0	14.0		12.8		NORMA
5	232334017315			5.5	12.0		8.1		NORMA
6	232334051920			14.5	11.5		13.3		NORMA
7	232334069809			9.0	13.0		10.6		NORMA
8	232334015306			18.5	16.5		17.7		NORMA
9	242434040212			12.5	10.0		11.5		NORMA
10	232334061015			10.0	12.5		11.0		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			5.0	12.5		8.0		NORMA
13	242434051609			8.0	14.0		10.4		NORMA
14	222234029513			8.0	14.0		10.4		NORMA
15	222234016803			7.5	16.5		11.1		NORMA
16	222234014904			0.0	0.0		0.0		NORMA
17	242434017006			11.0	13.5		12.0		NORMA
18	232334015503			2.0	10.0		5.2		NORMA
19	232334032313			9.0	0.0		9.5	9.5	NORMA
20	242434020405			16.5	16.5		16.5		NORMA
21	222234003902			0.0	0.0		10.6	10.6	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			1.5	9.5		4.7	0.0	NORMA
24	222235334902			0.0	0.0		0.0		NORMA
25	232334004616			1.0	10.5		4.8	0.3	NORMA
26	222234014716			6.5	13.5		9.3		NORMA
27	232334025913			15.5	15.0		15.3		NORMA
28	222234054802			4.0	11.5		7.0	0.0	NORMA
29	232334017110			9.0	13.0		10.6		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Fondements de recherche opérationnelle / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207			15.0	19.5		16.8		NORMA
2	242434081215			12.5	14.25		13.2		NORMA
3	242434055401			9.5	13.75		11.2		NORMA
4	232334128411			5.75	10.25		7.55		NORMA
5	212134004976			4.0	2.5		3.4	0.2	NORMA
6	212134002457			0.0	2.5		1.0		NORMA
7	232334007509			19.5	18.5		19.1		NORMA
8	212134005121			10.25	6.0		8.55		NORMA
9	232339459708			4.0	0.0		2.4		NORMA
10	242434081409			16.5	13.5		15.3		NORMA
11	212134063424			3.0	0.0		1.8		NORMA
12	222234025901			3.75	1.0		2.65		NORMA
13	242434046805			6.25	7.75		6.85		NORMA
14	232334069819			4.0	1.25		2.9		NORMA
15	242434069504			12.75	12.75		12.75		NORMA
16	222234003816			5.5	1.75		4.0		NORMA
17	242434005406			15.0	12.5		14.0		NORMA
18	222234060902			11.0	11.5		11.2		NORMA
19	232334019020			4.5	13.25		8.0		NORMA
20	222234004005			1.0	0.0		0.6		NORMA
21	232334014815			14.25	17.25		15.45		NORMA
22	242434081118			15.25	17.25		16.05		NORMA
23	222234003702			8.5	10.0		9.1		NORMA
24	222234051409			8.5	12.0		9.9	4.4	NORMA
25	232334090711			8.5	11.5		9.7		NORMA
26	232334021702			14.75	15.0		14.85		NORMA
27	212134006619			10.75	12.75		11.55	0.0	NORMA
28	212134007536			3.0	6.25		4.3	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805			9.5	12.75		10.8		NORMA
2	232334072004			8.75	4.5		7.05		NORMA
3	232334026104			8.75	14.0		10.85	7.0	NORMA
4	242434004701			16.5	19.5		17.7		NORMA
5	232334017315			5.0	10.25		7.1		NORMA
6	232334051920			5.5	6.5		5.9		NORMA
7	232334069809			4.5	6.5		5.3		NORMA
8	232334015306			15.5	15.0		15.3		NORMA
9	242434040212			7.0	4.25		5.9		NORMA
10	232334061015			7.5	10.0		8.5		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			9.75	9.25		9.55		NORMA
13	242434051609			11.0	6.5		9.2		NORMA
14	222234029513			3.0	10.0		5.8		NORMA
15	222234016803			9.25	13.0		10.75		NORMA
16	222234014904			0.0	3.0		1.2		NORMA
17	242434017006			10.75	19.0		14.05		NORMA
18	232334015503			4.0	10.0		6.4		NORMA
19	232334032313			8.25	0.0		10.6	10.6	NORMA
20	242434020405			17.5	16.0		16.9		NORMA
21	222234003902			5.5	5.0		6.7	6.7	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			6.0	3.75		5.1	0.0	NORMA
24	222235334902			0.0	1.0		0.4		NORMA
25	232334004616			0.0	1.0		0.6	0.6	NORMA
26	222234014716			8.0	14.5		10.6		NORMA
27	232334025913			3.5	13.5		7.5		NORMA
28	222234054802			0.0	1.0		0.4	0.0	NORMA
29	232334017110			13.75	18.5		15.65		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Gestion de l'entreprise / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434094207			11.0	15.0		12.6		NORMA
2	242434081215			10.0	11.5		10.6		NORMA
3	242434055401			8.0	14.5		10.6		NORMA
4	232334128411			12.0	9.0		10.8		NORMA
5	212134004976			5.0	10.0		7.0	0.0	NORMA
6	212134002457			0.0	4.0		1.6		NORMA
7	232334007509			10.5	15.0		12.3		NORMA
8	212134005121			11.0	10.0		10.6		NORMA
9	232339459708			8.0	0.0		4.8		NORMA
10	242434081409			12.0	13.5		12.6		NORMA
11	212134063424			3.5	2.5		3.1		NORMA
12	222234025901			5.5	9.0		6.9		NORMA
13	242434046805			7.0	8.0		7.4		NORMA
14	232334069819			10.0	6.0		8.4		NORMA
15	242434069504			11.0	13.0		11.8		NORMA
16	222234003816			15.5	12.0		14.1		NORMA
17	242434005406			4.0	12.0		7.2		NORMA
18	222234060902			8.0	10.0		8.8		NORMA
19	232334019020			10.0	13.5		11.4		NORMA
20	222234004005			5.0	0.0		3.0		NORMA
21	232334014815			5.5	10.0		7.3		NORMA
22	242434081118			11.0	12.5		11.6		NORMA
23	222234003702			4.0	11.0		6.8		NORMA
24	222234051409			10.0	13.0		11.2	6.83	NORMA
25	232334090711			10.0	13.5		11.4		NORMA
26	232334021702			14.0	15.0		14.4		NORMA
27	212134006619			0.0	0.0		0.0	0.0	NORMA
28	212134007536			0.0	11.83		11.83	11.83	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434016805			10.0	0.0		6.0		NORMA
2	232334072004			7.5	8.0		7.7		NORMA
3	232334026104			2.5	9.0		5.1	3.63	NORMA
4	242434004701			12.0	11.0		11.6		NORMA
5	232334017315			11.0	14.0		12.2		NORMA
6	232334051920			4.0	10.0		6.4		NORMA
7	232334069809			11.0	12.0		11.4		NORMA
8	232334015306			11.5	16.5		13.5		NORMA
9	242434040212			6.0	10.0		7.6		NORMA
10	232334061015			8.0	10.0		8.8		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			6.0	11.0		8.0		NORMA
13	242434051609			6.0	12.0		8.4		NORMA
14	222234029513			5.0	7.5		6.0		NORMA
15	222234016803			12.0	16.5		13.8		NORMA
16	222234014904			0.0	0.0		0.0		NORMA
17	242434017006			9.0	10.0		9.4		NORMA
18	232334015503			3.5	12.0		6.9		NORMA
19	232334032313			0.0	0.0		6.8	6.8	NORMA
20	242434020405			11.0	16.5		13.2		NORMA
21	222234003902			7.5	10.0		9.2	9.2	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			7.0	13.0		9.4	0.0	NORMA
24	222235334902			0.0	0.0		0.0		NORMA
25	232334004616			0.0	8.5		3.4	0.6	NORMA
26	222234014716			11.0	15.0		12.6		NORMA
27	232334025913			14.5	13.0		13.9		NORMA
28	222234054802			7.0	8.0		7.4	0.0	NORMA
29	232334017110			10.0	11.0		10.4		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Langue étrangère 3 / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207				16.0		16.0		NORMA
2	242434081215				16.75		16.75		NORMA
3	242434055401				18.0		18.0		NORMA
4	232334128411				16.5		16.5		NORMA
5	212134004976				18.0		18.0	0.0	NORMA
6	212134002457				16.75		16.75		NORMA
7	232334007509				19.0		19.0		NORMA
8	212134005121				18.75		18.75		NORMA
9	232339459708				10.0		10.0		NORMA
10	242434081409				17.0		17.0		NORMA
11	212134063424				10.0		10.0		NORMA
12	222234025901				10.0		10.0		NORMA
13	242434046805				15.0		15.0		NORMA
14	232334069819				18.0		18.0		NORMA
15	242434069504				15.0		15.0		NORMA
16	222234003816				17.0		17.0		NORMA
17	242434005406				10.0		10.0		NORMA
18	222234060902				18.25		18.25		NORMA
19	232334019020				18.0		18.0		NORMA
20	222234004005				10.0		10.0		NORMA
21	232334014815				18.0		18.0		NORMA
22	242434081118				17.0		17.0		NORMA
23	222234003702				16.0		16.0		NORMA
24	222234051409				13.0		13.0	13.0	NORMA
25	232334090711				18.0		18.0		NORMA
26	232334021702				18.0		18.0		NORMA
27	212134006619				10.0		10.0	0.0	NORMA
28	212134007536				10.0		10.0	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805				10.0		10.0		NORMA
2	232334072004				11.0		11.0		NORMA
3	232334026104				11.0		11.0	11.0	NORMA
4	242434004701				16.5		16.5		NORMA
5	232334017315				18.0		18.0		NORMA
6	232334051920				9.0		9.0		NORMA
7	232334069809				16.0		16.0		NORMA
8	232334015306				18.0		18.0		NORMA
9	242434040212				5.0		5.0		NORMA
10	232334061015				18.5		18.5		NORMA
11	232434101407				10.0		10.0		NORMA
12	232334044206				17.0		17.0		NORMA
13	242434051609				16.25		16.25		NORMA
14	222234029513				16.0		16.0		NORMA
15	222234016803				18.25		18.25		NORMA
16	222234014904				6.5		6.5		NORMA
17	242434017006				5.5		5.5		NORMA
18	232334015503				6.0		6.0		NORMA
19	232334032313				5.0		5.0	0.0	NORMA
20	242434020405				18.5		18.5		NORMA
21	222234003902				6.0		7.5	7.5	NORMA
22	212135027010				8.0		8.0	0.0	NORMA
23	222234009806				7.0		7.0	0.0	NORMA
24	222235334902				8.5		8.5		NORMA
25	232334004616				10.0		10.0	0.0	NORMA
26	222234014716				16.75		16.75		NORMA
27	232334025913				17.0		17.0		NORMA
28	222234054802				10.0		10.0	1.0	NORMA
29	232334017110				10.5		10.5		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Macroéconomie 2 / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207			12.0	16.0		13.6		NORMA
2	242434081215			12.0	17.5		14.2		NORMA
3	242434055401			10.0	13.0		11.2		NORMA
4	232334128411			11.5	15.5		13.1		NORMA
5	212134004976			0.0	12.1		12.1	12.1	NORMA
6	212134002457			0.0	1.0		0.4		NORMA
7	232334007509			15.0	18.25		16.3		NORMA
8	212134005121			5.0	14.0		8.6		NORMA
9	232339459708			0.0	0.0		0.0		NORMA
10	242434081409			11.0	17.0		13.4		NORMA
11	212134063424			5.0	3.5		4.4		NORMA
12	222234025901			4.0	12.0		7.2		NORMA
13	242434046805			10.0	15.25		12.1		NORMA
14	232334069819			10.0	14.75		11.9		NORMA
15	242434069504			13.0	16.5		14.4		NORMA
16	222234003816			5.0	15.5		9.2		NORMA
17	242434005406			8.0	18.0		12.0		NORMA
18	222234060902			0.0	16.5		6.6		NORMA
19	232334019020			4.0	15.25		8.5		NORMA
20	222234004005			2.0	0.0		1.2		NORMA
21	232334014815			13.0	18.5		15.2		NORMA
22	242434081118			17.0	18.0		17.4		NORMA
23	222234003702			12.0	12.0		12.0		NORMA
24	222234051409			10.0	12.5		11.0	6.3	NORMA
25	232334090711			2.0	14.0		6.8		NORMA
26	232334021702			10.0	14.5		11.8		NORMA
27	212134006619			0.0	0.0		0.0	0.0	NORMA
28	212134007536			0.0	10.8		10.8	10.8	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805			10.0	12.5		11.0		NORMA
2	232334072004			4.0	11.0		6.8		NORMA
3	232334026104			12.0	17.5		14.2	6.15	NORMA
4	242434004701			15.5	16.75		16.0		NORMA
5	232334017315			4.0	14.5		8.2		NORMA
6	232334051920			16.0	14.0		15.2		NORMA
7	232334069809			2.0	12.75		6.3		NORMA
8	232334015306			12.0	16.25		13.7		NORMA
9	242434040212			10.0	12.5		11.0		NORMA
10	232334061015			15.0	18.25		16.3		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			4.0	13.25		7.7		NORMA
13	242434051609			8.0	14.0		10.4		NORMA
14	222234029513			12.0	11.5		11.8		NORMA
15	222234016803			8.0	17.25		11.7		NORMA
16	222234014904			0.0	3.5		1.4		NORMA
17	242434017006			11.0	14.5		12.4		NORMA
18	232334015503			12.0	12.75		12.3		NORMA
19	232334032313			0.0	0.0		12.95	12.95	NORMA
20	242434020405			14.0	15.5		14.6		NORMA
21	222234003902			3.0	15.0		7.8	7.45	NORMA
22	212135027010			0.0	0.0		14.8	14.8	NORMA
23	222234009806			4.0	12.5		7.4	0.0	NORMA
24	222235334902			0.0	10.0		4.0		NORMA
25	232334004616			1.0	10.0		4.6	1.2	NORMA
26	222234014716			8.0	14.75		10.7		NORMA
27	232334025913			12.0	12.25		12.1		NORMA
28	222234054802			4.0	10.0		6.4	0.0	NORMA
29	232334017110			17.0	16.0		16.6		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Principes de marketing 2 / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434094207			16.0	16.25		16.1		NORMA
2	242434081215			12.0	14.0		12.8		NORMA
3	242434055401			11.0	16.25		13.1		NORMA
4	232334128411			5.75	14.0		9.05		NORMA
5	212134004976			2.75	11.0		6.05	2.1	NORMA
6	212134002457			0.0	7.5		3.0		NORMA
7	232334007509			17.0	15.5		16.4		NORMA
8	212134005121			1.25	12.25		5.65		NORMA
9	232339459708			0.0	0.75		0.3		NORMA
10	242434081409			10.0	13.25		11.3		NORMA
11	212134063424			1.5	0.0		0.9		NORMA
12	222234025901			9.5	11.0		10.1		NORMA
13	242434046805			5.0	12.5		8.0		NORMA
14	232334069819			3.5	13.75		7.6		NORMA
15	242434069504			8.75	12.0		10.05		NORMA
16	222234003816			3.0	12.0		6.6		NORMA
17	242434005406			6.5	11.0		8.3		NORMA
18	222234060902			0.5	13.75		5.8		NORMA
19	232334019020			14.25	12.75		13.65		NORMA
20	222234004005			2.5	0.0		1.5		NORMA
21	232334014815			8.5	13.5		10.5		NORMA
22	242434081118			13.5	15.25		14.2		NORMA
23	222234003702			2.0	12.75		6.3		NORMA
24	222234051409			8.0	15.0		10.8	7.5	NORMA
25	232334090711			15.0	15.25		15.1		NORMA
26	232334021702			14.0	15.5		14.6		NORMA
27	212134006619			12.5	13.75		13.0	0.0	NORMA
28	212134007536			3.5	10.75		6.4	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattr	MG	MG-N-1	Session
1	242434016805			10.0	13.75		11.5		NORMA
2	232334072004			10.0	14.25		11.7		NORMA
3	232334026104			0.5	8.0		8.19	8.19	NORMA
4	242434004701			12.0	14.75		13.1		NORMA
5	232334017315			3.0	11.25		6.3		NORMA
6	232334051920			0.0	0.0		0.0		NORMA
7	232334069809			9.5	15.25		11.8		NORMA
8	232334015306			13.0	14.75		13.7		NORMA
9	242434040212			6.5	12.75		9.0		NORMA
10	232334061015			10.0	14.25		11.7		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			7.25	10.75		8.65		NORMA
13	242434051609			8.0	13.0		10.0		NORMA
14	222234029513			9.0	13.25		10.7		NORMA
15	222234016803			10.0	14.0		11.6		NORMA
16	222234014904			0.0	0.0		0.0		NORMA
17	242434017006			8.0	16.75		11.5		NORMA
18	232334015503			6.0	12.5		8.6		NORMA
19	232334032313			10.0	12.25		10.9	8.04	NORMA
20	242434020405			9.0	14.0		11.0		NORMA
21	222234003902			5.0	10.25		8.0	8.0	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			6.75	0.0		4.05	0.0	NORMA
24	222235334902			0.0	4.0		1.6		NORMA
25	232334004616			1.0	7.0		3.4	0.3	NORMA
26	222234014716			6.0	11.75		8.3		NORMA
27	232334025913			9.5	11.0		10.1		NORMA
28	222234054802			0.0	4.0		2.2	2.2	NORMA
29	232334017110			14.5	15.25		14.8		NORMA

Filière: Sciences commerciales

Spécialité: sciences commerciales

Période: Semestre 4

Matière: Statistiques 4 / section 01 / groupe 01

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434094207			1.0	13.0		5.8		NORMA
2	242434081215			11.0	17.0		13.4		NORMA
3	242434055401			2.0	10.75		5.5		NORMA
4	232334128411			2.0	13.75		6.7		NORMA
5	212134004976			1.0	10.0		4.6	3.0	NORMA
6	212134002457			0.0	5.0		2.0		NORMA
7	232334007509			19.0	17.5		18.4		NORMA
8	212134005121			1.0	10.75		4.9		NORMA
9	232339459708			0.0	0.0		0.0		NORMA
10	242434081409			6.0	16.5		10.2		NORMA
11	212134063424			1.0	0.5		0.8		NORMA
12	222234025901			1.0	7.5		3.6		NORMA
13	242434046805			4.0	11.0		6.8		NORMA
14	232334069819			1.0	4.75		2.5		NORMA
15	242434069504			10.0	13.0		11.2		NORMA
16	222234003816			7.0	14.0		9.8		NORMA
17	242434005406			15.0	17.25		15.9		NORMA
18	222234060902			1.5	11.75		5.6		NORMA
19	232334019020			6.0	14.0		9.2		NORMA
20	222234004005			0.0	0.0		0.0		NORMA
21	232334014815			12.0	17.5		14.2		NORMA
22	242434081118			8.0	18.0		12.0		NORMA
23	222234003702			10.0	17.5		13.0		NORMA
24	222234051409			1.0	11.0		6.2	6.2	NORMA
25	232334090711			10.0	17.5		13.0		NORMA
26	232334021702			1.0	12.5		5.6		NORMA
27	212134006619			4.0	12.5		7.4	0.0	NORMA
28	212134007536			0.0	5.0		2.0	0.0	NORMA

## PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434016805			5.0	6.5		5.6		NORMA
2	232334072004			2.0	7.75		4.3		NORMA
3	232334026104			4.0	12.5		7.4	5.2	NORMA
4	242434004701			2.0	14.0		6.8		NORMA
5	232334017315			6.0	14.5		9.4		NORMA
6	232334051920			2.0	8.0		4.4		NORMA
7	232334069809			3.0	11.5		6.4		NORMA
8	232334015306			3.0	15.0		7.8		NORMA
9	242434040212			2.0	8.0		4.4		NORMA
10	232334061015			9.0	14.0		11.0		NORMA
11	232434101407			0.0	0.0		0.0		NORMA
12	232334044206			5.0	10.0		7.0		NORMA
13	242434051609			6.0	10.5		7.8		NORMA
14	222234029513			6.0	9.75		7.5		NORMA
15	222234016803			0.0	18.75		7.5		NORMA
16	222234014904			0.0	4.5		1.8		NORMA
17	242434017006			3.0	17.0		8.6		NORMA
18	232334015503			1.0	12.0		5.4		NORMA
19	232334032313			2.0	0.0		6.7	6.7	NORMA
20	242434020405			9.0	16.0		11.8		NORMA
21	222234003902			0.0	10.0		10.0	10.0	NORMA
22	212135027010			0.0	0.0		0.0	0.0	NORMA
23	222234009806			6.0	5.5		5.8	0.0	NORMA
24	222235334902			0.0	4.0		1.6		NORMA
25	232334004616			1.0	6.0		3.0	0.6	NORMA
26	222234014716			10.0	17.5		13.0		NORMA
27	232334025913			1.0	10.0		4.6		NORMA
28	222234054802			1.0	5.0		2.6	0.0	NORMA
29	232334017110			10.0	14.0		11.6		NORMA