

	Cloud, internet of things (020IOTES5)	Conception des systèmes informatiques et des réseaux (020PDRES5)	Droit (020DROES5)	Environnements distribués (020ENDES5)	Génie logiciel (020GLOES5)	Gestion de projets (020GPRES5)	Management (020MNGES5)	Pratage éthique (020PIRES6)	Principes des compilateurs (020PCOES5)	Programmation fonctionnelle et Scala (020PFSES5)	Programmation iOS avancée (020IOSES3)	Projet informatique de gestion (020PIGES4)	Stage en entreprise (020STGES5)									Moyenne principale	Moy.Opt. ouvertes	
Crédits	4	4	2	4	4	2	2	4	4	2	4	5	2											
Seuil de compensation	12	12	12	12	12	12	12	12	12	12	12	12	12											
[5] 120916	14.00		16.00	10.42 <sub>e</sub>	13.75	14.80	15.22		12.00	12.08	14.00		12.00										13.20	13.20
[5] 101844	00.00 <sub>e</sub>	00.00 <sub>e</sub>	07.00 <sub>e</sub>	02.25 <sub>e</sub>		00.00 <sub>e</sub>		06.65 <sub>e</sub>	02.62 <sub>e</sub>	01.05 <sub>e</sub>		00.00 <sub>e</sub>											02.01	02.01
[5] 121979	13.16		12.00	10.52 <sub>e</sub>	12.00	12.00	15.45		09.94 <sub>e</sub>	13.70	14.00		12.00										12.22	12.22
[5] 121095	14.66		14.00	13.05	13.42	13.80	15.75	16.05	12.12	15.02			18.00										14.34	14.34
[5] 111508	18.35		16.00	15.25	12.28	15.10	17.08	16.80	15.00	13.90			16.00										15.56	15.56
[5] 120496	15.68	12.81	17.00	14.00	14.58	13.70	16.05		13.38	15.82	14.00		17.00										14.62	14.62
[5] 122073	15.34		12.00	12.50	12.78	15.10	16.45		14.19	13.78	14.00		14.00										13.93	13.93
[5] 120543	19.17		16.00	15.32	14.55	16.00	15.90	17.00	17.25	19.77			18.50										16.85	16.85
[5] 121593	15.37		09.00 <sub>e</sub>	12.75	14.42	12.30	15.75	12.35	12.00	18.52			17.50										13.77	13.77
[5] 120630	18.18		12.00	18.00	17.98	16.00	16.05	17.82	18.06	18.77			18.50										17.43	17.43
[5] 120274	17.32		15.00	14.92	16.68	16.80	16.20	17.80	18.62	18.52			17.50										16.98	16.98
[5] 120210	15.99		13.00	12.45	13.58	14.10	16.38		12.06	13.45	14.00		16.50										13.97	13.97
[5] 121217	16.66		17.00	13.52	14.15	13.90	16.50	17.35	15.94	17.48			17.50										15.84	15.84
Minimum	00.00	00.00	07.00	02.25	12.00	00.00	15.22	06.65	02.62	01.05	14.00	00.00	12.00											
Maximum	19.17	12.81	17.00	18.00	17.98	16.80	17.08	17.82	18.62	19.77	14.00	00.00	18.50											
Moyenne	14.91	06.41	13.54	12.69	14.18	13.35	16.07	15.23	13.32	14.76	14.00	00.00	16.25											
Ecart-type	04.81	09.06	03.10	03.74	01.72	04.25	00.50	03.89	04.17	04.81	00.00		02.33											