🇬🇧 ENGLISH ⌄   ❓ FAQ   📧 CONTACT US

Information and Communication Engineering

About the program   Curriculum   Entrance Selection

Below is the complet curriculum of Information and Communication Engineering Program starting from 3rd (Semeter V) year to 5th year. C (Cours in French) represents lectures; TD (Travaux Dirigés in French) represents tutorials; and TP (Travaux Practiques in French) represents practicals.

Subject	Short	Code	Hours				Credit			
			C	TD	TP	Total	C	TD	TP	Total
Semester V			160	48	176	384	10	1.5	5.5	17.0
Algorithms and programming	Algo	GICI31ALP	32	16	32	80	2	0.5	1	3.5
Combinational and sequential logics	Logique	GICI31LCS	16	0	16	32	1	0	0.5	1.5
Computer architecture	AO	GICI31ACO	16	0	0	16	1	0	0	1.0
Discrete mathematics	MD	GICI31MMD	32	0	0	32	2	0	0	2.0
Electronics	Electro	GICI31ELE	16	0	0	16	1	0	0	1.0
Information systems analysis and design	ACSI	GICI31ACI	16	0	16	32	1	0	0.5	1.5
Introduction to computer systems and networks	SI	GICI31SIR	16	0	16	32	1	0	0.5	1.5
Probability and statistics	Satistique	DTCI22PBB	16	32	0	48	1	1	0	2.0
English	EN	XXXIXXLAN	0	0	32	32	0	0	1	1.0
French	FR	XXXIXXLFR	0	0	64	64	0	0	2	2.0
Semester VI			144	64	176	384	9	2	5.5	16.5
Algorithms and programming	Algo	GICI31ALP	16	16	32	64	1	0.5	1	2.5
Automata theory	Automates	GICI32THA	32	0	0	32	2	0	0	2.0
Combinational and sequential logics	Logiques	GICI31LCS	16	0	16	32	1	0	0.5	1.5
Computer architecture	AO	GICI31ACO	16	16	16	48	1	0.5	0.5	2.0
Database	BD	GICI32BDD	16	16	16	48	1	0.5	0.5	2.0
Theoretical computer science	IT	GICI32INT	32	0	0	32	2	0	0	2.0
Informatique (MATLAB)	Matlab	DTCI12INF	16	16	0	32	1	0.5	0	1.5
English	EN	XXXIXXLAN	0	0	64	64	0	0	2	2.0
French	FR	XXXIXXLFR	0	0	32	32	0	0	1	1.0
Internship		GICI32STA								0.0
Semester VII			144	48	176	368	9	1.5	5.5	16.0
Advanced computer architecture	AA	GICI41ACA	32	0	0	32	2	0	0	2.0
Human computer interaction	IHM	GICI41LAC	32	0	0	32	2	0	0	2.0
Internet programming	PI	GICI41PGI	16	16	16	48	1	0.5	0.5	2.0
Networks	Réseaux	GICI41RES	16	0	16	32	1	0	0.5	1.5
Operating systems	SE	GICI41SSE	16	16	16	48	1	0.5	0.5	2.0
Software engineering	GL	GICI41GEL	16	16	32	64	1	0.5	1	2.5
Telecommunication	Télécomm	GICI41TLC	16	0	32	48	1	0	1	2.0
English	EN	XXXIXXLAN	0	0	32	32	0	0	1	1.0
French	FR	XXXIXXLFR	0	0	32	32	0	0	1	1.0
Semester VIII			144	64	192	400	9	2	6	19.0

Course	Abbr	Code								
Advanced database and database management systems	SGBD	GICI42BDA	16	16	16	48	1	0.5	0.5	2.0
Compilation	Compilation	GICI42CPL	16	16	16	48	1	0.5	0.5	2.0
Distributed Systems	SD	GICI42IHM	16	0	32	48	1	0	1	2.0
Internet programming	PI	GICI41PGI	16	16	16	48	1	0.5	0.5	2.0
Networks	Réseaux	GICI41RES	16	0	16	32	1	0	0.5	1.5
Operating systems	SE	GICI41SSE	16	0	0	16	1	0	0	1.0
Software engineering	GL	GICI41GEL	32	0	16	48	2	0	0.5	2.5
Systems and networks administration	ARS	GICI42ARS	16	16	16	48	1	0.5	0.5	2.0
English	EN	XXXIXXLAN	0	0	32	32	0	0	1	1.0
French	FR	XXXIXXLFR	0	0	32	32	0	0	1	1.0
Internship		GICI42STA								2.0
Semester IX			208	16	160	384	13	0.5	5	18.5
Artificial intelligence	IA	GICI51INA	32	0	0	32	2	0	0	2.0
Image processing	TI	GICI51TRM	32	0	16	48	2	0	0.5	2.5
IT project management	CPI	GICI51CPI	16	16	0	32	1	0.5	0	1.5
Modeling and simulation	MS	GICI51MOS	16	0	16	32	1	0	0.5	1.5
Network security	ARS	GICI51RAS	16	0	32	48	1	0	1	2.0
Cloud Computing	Cloud	GICI51ACP	32	0	16	48	2	0	0.5	2.5
Natural Language Processing	NLP	GICI51TRP	32	0	16	48	2	0	0.5	2.5
Research Methodology	RM	GICI5RM	32	0	0	32	2	0	0	2.0
English	EN	XXXIXXLAN	0	0	32	32	0	0	1	1.0
French	FR	XXXIXXLFR	0	0	32	32	0	0	1	1.0
Semester X										9.0
Final year internship		GICI52STA								9.0
Total			800	240	880	1920	50	7.5	27.5	96.0

Related Links

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