

COURS / COURSES

Graduate level

All courses are in the 1st year of master's degree. Undergraduate level students can be accepted after the prerequisites check.

For details of offered modules, please visit this web page: <https://www.isep.fr/en/course-catalog/>

Pay attention to the schedule to avoid the timetable clashes

Taught in **ENGLISH**:

Code	Module name	Credits	Schedule	Yes
IG.2407	Data Acquisition & Processing	4	Monday 9-12 AM	☐
II.2416	Information Systems Architecture	4	Monday 9-12 AM	☐
II.2406	WEB Technologies	4	Monday 9-12 AM	☐
IG.2412	Machine Learning	4	Monday 9-12 AM	☐
II.2405	Software Engineering	4	Monday 1h30 – 4h30 PM	☐
IE.2407	Electronics for IoT	4	Monday 1h30 – 4h30 PM	☐
II.2418	Methods and tools for BI	4	Monday 1h30 – 4h30 PM	☐
IE.2412	Analog Systems	4	Monday 1h30 – 4h30 PM	☐
IR.2406	Networks Security	4	Tuesday 9-12 AM	☐
II.2414	Data Bases & Big Data	4	Tuesday 9-12 AM	☐
IE.2410	Computer Microsystems	4	Tuesday 9-12 AM	☐
IG.2411	AI and Optimization	4	Tuesday 9-12 AM	☐
IG.2413	Deep Learning	4	Tuesday 1h30 – 4h30 PM	☐
II.2415	Advanced Algorithmic & Programming	4	Tuesday 1h30 – 4h30 PM	☐
II.2420	Blockchain	4	Tuesday 1h30 – 4h30 PM	☐
II.2417	Cybersecurity	4	Tuesday 1h30 – 4h30 PM	☐
IG.2409	Multimedia Applications Development	4	Wednesday 9-12 AM	☐
II.2421	Cloud and Security	4	Wednesday 9-12 AM	☐
IE.2409	Electronic Microsystems	4	Wednesday 9-12 AM	☐
II.2408	Introduction to Research	3	Wednesday 1h30 – 4h30 PM	☐
IX.2421	International Business Innovation Project	4	Wednesday 1h30 – 4h30 PM	☐
IX.2424	Introduction to Artificial Intelligence	4	Wednesday 1h30 – 4h30 PM	☐
IX.2429	Introduction to HPC and QC	4	Wednesday 1h30 – 4h30 PM	☐
IH.2403	Enterprise Challenges and Issues	3	Thursday or Friday 9-12 AM	☐
IC.2403	Eco-conception	2	Thursday or Friday 9-12 AM	☐
IL.3608	Language: English	2	Thursday or Friday 9-12 AM	☐
IL.3607	Language: French	5	Monday and Wednesday or Tuesday and Thursday 18:30 – 20:30	☐

Taught in **FRENCH**:

Code	Module name	Credits	Schedule	Yes
IG.2405	Vision par ordinateur	4	Monday 1h30 – 4h30 PM	
IX.2422	Conseil en transformation numérique	4	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐
IX.2423	Protection des données personnelles	4	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐
IX.2427	Numérique responsable	4	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐
IX.2430	Numérique pour la santé	4	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐

Undergraduate level

Undergraduate basic level

Taught in **ENGLISH**:

Code	Module name	Credits	Schedule	Yes
IE.1202	Computer Architecture	4	Monday 1h30 – 4h30 PM	☐
IF.1205	Data Science Fundamentals	4	Tuesday 9 – 12h30 AM	☐
IH.1202	Enterprise Environment and Organization	4	Friday 1h30 – 4h30 PM	☐

Taught in **FRENCH**

Choisissez les cours dans un seul bloc :

Bloc 1

Code	Nom du module	Crédits	Oui
IE.1201	Système numérique (APP) / Électronique et Signal	11	☐
IR.1201	Réseaux	4	☐
II.1202	Algorithmique et programmation	4	☐
IF.1204	Science du numérique	4	☐
AL1201	Langue : anglais	2	☐

Total

Bloc 2

Code	Nom du module	Crédits	Oui
II.1201	Système numérique (APP) / Télécommunications et	11	☐
IE.1202	Architecture des ordinateurs	4	☐
IH.1202	Environnement et organisation des entreprises	4	☐
IF.1205	Science et traitement des données	4	☐
AL.1201	Langue : anglais	2	☐

Total

PROJET/ PROJECT

Vous avez la possibilité de faire UN PROJET dans notre laboratoire - You can carry out a PROJECT in our research labs:

Oui / Yes

—

Non / No

—

Précisez le thème souhaité pour ce projet:

Please indicate your topic of interest for this project:

Précisez le nombre de crédits associés à ce projet :

Please specify how many credits you need:

10 ECTS

—

15 ECTS

—

20 ECTS

—

25 ECTS

—

30 ECTS

—

STAGE EN ENTREPRISE/ INTERNSHIP WITHIN INDUSTRY

Vous avez la possibilité de faire UN STAGE EN ENTREPRISE après un semestre académique à l'ISEP :
You can carry out an INTERNSHIP within industry after passing an academic semester at ISEP:

Oui / Yes

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Non / No

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Durée / Duration (5 months min.):

Un stage validé apporte 30 crédits.

An internship, if validated, provides 30 credits.