

COURS / COURSES

Niveau licence – Undergraduate level

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 clash

Undergraduate advanced level, courses taught in **ENGLISH**:

Code	Module name	Credits	Schedule	Yes
IE.2307	Electronics for IoT	4	Monday 1h30-4h30 PM	☐
II.2318	Software Engineering and Java Programming	4	Monday 1h30-4h30 PM	☐
IC.2302	Introduction to research	3	Tuesday 8h30 – 10h30 or 10h45 – 12h45 AM	☐
IL.3508	Language: English	3	Tuesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐
IE.2310	Computer Microsystems	4	Wednesday 9-12 AM	☐
IG.2313	Deep Learning	4	Wednesday 9-12 AM	☐
II.2317	Cybersecurity	4	Wednesday 9-12 AM	☐
II.2315	Advanced Algorithmic & Programming	4	Wednesday 9-12 AM	☐
II.2314	Data Bases & Big Data	4	Wednesday 9-12 AM	☐
II.2302	WEB Development Project	7	Wednesday PM & Thursday PM & Friday AM	☐
IE.2301	Digital System Project in Electronics and Signal Processing	7	Wednesday PM & Thursday PM & Friday AM	☐
IR.2301	Networks Fundamentals	4	Thursday 9-12 AM	☐
IL.3507	Language : French	5	Monday & Wednesday 6h00 – 8h00 PM	☐
IF.2301	Data Science Fundamentals	4	Friday 9-12 AM	☐

Undergraduate advanced level, courses taught in **FRENCH**:

Code	Module name	Credits	Schedule	Yes
AC.2301	Orientation personnelle et professionnelle	2	Thursday 8h30 – 10h30 or 10h45 – 12h45 AM	☐
AC.2303	Eco-conception	2	Thursday 8h30 – 10h30 or 10h45 – 12h45 AM	☐
AC.2302	Initiation à la recherche	3	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	☐
AH.2303	Enjeux et défis de l'entreprise	3	Thursday 1h30 – 3h30 or 3h45 – 5h45 PM	☐

Undergraduate basic level

Taught in **ENGLISH**:

Code	Module name	Credits	Schedule	Yes
II.1102	Algorithmics and programming	4	Friday 1h30 – 4h30 PM	☐
IF.1106	Sciences for Digital Systems	4	Tuesday 9 – 12 AM	☐

Les modules suivants sont dispensés en **français**.

Choisissez les cours dans un seul bloc :

Bloc 1

Code	Nom du module	Crédits	Oui
IE.1101	Système numérique (APP) / Électronique et Signal	12	☐
IR.1101	Réseaux	4	☐
II.1102	Algorithmique et programmation	4	☐
IF.1106	Science du numérique	4	☐
AL.1101	Langue : anglais	2	☐

Bloc 2

Code	Nom du module	Crédits	Oui
II.1101	Système numérique (APP) / Télécommunications et	12	☐
IE.1102	Architecture des ordinateurs	4	☐
IH.1101	Environnement et organisation des entreprises	4	☐
IF.1105	Science et traitement des données	4	☐
AL.1101	Langue : anglais	2	☐

Graduate level

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Code	Module name	Credits	Schedule	Yes
IG.3501	Machine Learning	5	Monday 9-12 AM	☐
IR.3505	Advanced Routing Architectures	5	Monday 9-12 AM	☐
IG.3513	Advanced Deep Learning	5	Monday 9-12 AM	☐
II.3525	Tests and tests automation	5	Monday 9-12 AM	☐
IE.3514	Healthcare Systems Management	5	Monday 1h30 – 4h30 PM	☐
II.3523	Formal Approaches, Languages and Compilation	5	Monday 1h30 – 4h30 PM	☐
IE.3510	System Constraints and Implementation	5	Monday 1h30 – 4h30 PM	☐
IT.3502	High-Speed Networks	5	Monday 1h30 – 4h30 PM	☐
IE.3516	Smart Cities	5	Tuesday 9-12 AM	☐
II.3524	Software Security	5	Tuesday 9-12 AM	☐
IE.3515	Connected Vehicles	5	Tuesday 9-12 AM	☐
II.3512	Governance and Organization of Information Systems	5	Tuesday 1h30 – 4h30 PM	☐
IG.3501	Robotics	5	Tuesday 1h30 – 4h30 PM	☐
II.3502	Distributed Architectures and Programming	5	Tuesday 1h30 – 4h30 PM	☐
II.3521	Semantic WEB and Knowledge Management	5	Wednesday 9-12 AM	☐
IT.3503	Virtualized Architectures	5	Wednesday 9-12 AM	☐
II.3510	Development of Mobile Applications	5	Wednesday 9-12 AM	☐
IE.3511	Reliability and Safety	5	Wednesday 9-12 AM	☐
II.3519	Risk Management and Audit	5	Wednesday 1h30 – 4h30 PM	☐
IE.3507	Automatic and Real Time	5	Wednesday 1h30 – 4h30 PM	☐
IG.3504	3D and Immersive Reality	5	Wednesday 1h30 – 4h30 PM	☐
IH.3506	Management Training	2	Thursday 9-12 AM	☐
IP.3510	Learning Track Project	5	Friday 1h30 – 4h30 PM	☐

Total number of credits chosen for the semester at ISEP

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 (vérifiez sur notre site web : <https://www.isep.fr/la-recherche/>)

Please indicate your topic of interest for this project (check on our website: <https://www.isep.fr/en/research-at-isep/>)

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

☐

Non / No

☐

Durée / Duration (5 months min.):

Un stage validé apporte 30 crédits.

An internship, if validated, provides 30 credits.