



## 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
<a href="#">IE.2307</a>	Electronics for IoT	4	Monday 1h30-4h30 PM	<input type="checkbox"/>
<a href="#">II.2318</a>	Software Engineering and Java Programming	4	Monday 1h30-4h30 PM	<input type="checkbox"/>
<a href="#">IC.2302</a>	Introduction to research	3	Tuesday 9h30 – 11h30 AM	<input type="checkbox"/>
IL.3508	Language: English	5	Tuesday 2 – 4 or 4 – 6 PM	<input type="checkbox"/>
<a href="#">IE.2310</a>	Computer Microsystems	4	Wednesday 9-12 AM	<input type="checkbox"/>
<a href="#">IG.2313</a>	Deep Learning	4	Wednesday 9-12 AM	<input type="checkbox"/>
<a href="#">II.2317</a>	Cybersecurity	4	Wednesday 9-12 AM	<input type="checkbox"/>
<a href="#">II.2315</a>	Advanced Algorithmic & Programming	4	Wednesday 9-12 AM	<input type="checkbox"/>
<a href="#">II.2314</a>	Data Bases & Big Data	4	Wednesday 9-12 AM	<input type="checkbox"/>
<a href="#">II.2302</a>	WEB Development Project	7	Wednesday PM & Thursday PM & Friday AM	<input type="checkbox"/>
<a href="#">IE.2301</a>	Digital System Project in Electronics and Signal Processing	7	Wednesday PM & Thursday PM & Friday AM	<input type="checkbox"/>
<a href="#">IR.2301</a>	Networks Fundamentals	4	Thursday 9-12 AM	<input type="checkbox"/>
<a href="#">IL.3507</a>	Language : French	5	Monday & Wednesday 6 – 8 PM or Tuesday – Wednesday 6 - 8 PM	<input type="checkbox"/>
<a href="#">IF.2301</a>	Data Science Fundamentals	4	Friday 1h30-4h30 PM	<input type="checkbox"/>

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

Code	Module name	Credits	Schedule	Yes
<a href="#">AC.2301</a>	Orientation personnelle et professionnelle	2	Thursday 8h30 – 10h30 or 10h45 – 12h45 AM	<input type="checkbox"/>
AC.2303	Eco-conception	2	Thursday 8h30 – 10h30 or 10h45 – 12h45 AM	<input type="checkbox"/>
<a href="#">AC.2302</a>	Initiation à la recherche	3	Wednesday 1h30 – 3h30 or 3h45 – 5h45 PM	<input type="checkbox"/>
<a href="#">AH.2303</a>	Enjeux et défis de l'entreprise	3	Thursday 1h30 – 3h30 or 3h45 – 5h45 PM	<input type="checkbox"/>

Undergraduate basic level

Taught in **ENGLISH**:

Code	Module name	Credits	Schedule	Yes
<a href="#">II.1102</a>	Algorithmics and programming	4	Friday 1h30 – 4h30 PM	<input type="checkbox"/>
<a href="#">IF.1106</a>	Sciences for Digital Systems	4	Tuesday 9 – 12 AM	<input type="checkbox"/>

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

Choisissez les cours dans un seul bloc :

**Bloc 1**

Code	Nom du module	Crédits	Oui
<a href="#">IE.1101</a>	Système numérique (APP) / Électronique et Signal	12	<input type="checkbox"/>
<a href="#">IR.1101</a>	Réseaux	4	<input type="checkbox"/>
<a href="#">II.1102</a>	Algorithmique et programmation	4	<input type="checkbox"/>
<a href="#">IF.1106</a>	Science du numérique	3	<input type="checkbox"/>
AL.1101	Langue : anglais	2	<input type="checkbox"/>

**Bloc 2**

Code	Nom du module	Crédits	Oui
<a href="#">II.1101</a>	Système numérique (APP) / Télécommunications et	12	<input type="checkbox"/>
<a href="#">IE.1102</a>	Architecture des ordinateurs	4	<input type="checkbox"/>
<a href="#">IH.1101</a>	Environnement et organisation des entreprises	4	<input type="checkbox"/>
<a href="#">IF.1105</a>	Science et traitement des données	3	<input type="checkbox"/>
AL.1101	Langue : anglais	2	<input type="checkbox"/>

## Graduate level

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

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 (il n'est pas possible de faire uniquement un semestre de stage) :

You can carry out an INTERNSHIP within industry after passing an academic semester at ISEP (it is not possible to come only for an industrial internship):

Oui / Yes  
-

Non / No  
-

Durée / Duration (5 months min.):

Un stage validé apporte 30 crédits.  
An internship, if validated, provides 30 credits.