

CONTRAT D'ETUDES - LEARNING AGREEMENT

Règles générales

- La présence aux séances d'enseignement des modules choisis est obligatoire. Chaque module comporte des séances de travail encadrées et non encadrées et permet, s'il est validé, d'obtenir des crédits. Le module est validé avec l'obtention d'une note d'au moins 10 sur 20 (10/20).
- Choisissez un programme d'études : maximum 33 crédits par semestre. Un crédit équivaut à environ 25 heures de travail (encadré et non encadré). Le programme d'études devra comporter **au minimum 15 crédits** pour un semestre.
- Choisissez les modules dans le programme correspondant au niveau de licence ou de master.
- Les programmes d'études sont **susceptibles d'être réaménagés** en fonction du nombre d'élèves inscrits aux modules. Un programme de remplacement vous serait alors proposé.
- Si un projet est souhaité dans les laboratoires de l'ISEP, vous l'indiquez dans le paragraphe prévu à cet effet dans la section projet.
- Si un stage en entreprise est souhaité après avoir passé un semestre académique à l'ISEP, veuillez l'indiquer dans le paragraphe prévu à cet effet, à la fin du document.
- Votre présence à l'ISEP est nécessaire :
 - pour le Semestre 1 (S1) : du 1^{er} septembre au 31 janvier
 - pour le Semestre 2 (S2) : du 1^{er} février au 30 juin

General rules

- Attendance to the selected modules is mandatory. Each module consists of sessions under the supervision of a Faculty member and independent studies. Credits are provided if you pass the module, i.e. with a minimum grade of 10 out of 20 (10/20).
- You have to establish your study programme; you can enroll **for no more than 33** credits for each semester. One credit requires 25 hours of workload, including supervised and independent studies.
- Your study programme has to include **at least 15 credits** for each semester.
- You have to choose your study programme in undergraduate or graduate level.
- Depending on the number of students enrolled in each module and therefore its effective delivery, **your study programme may be modified**. Some modules would therefore be proposed as substitution.
- If you intend to do a project in our laboratories, you can indicate it in the project section.
- If you intend to do an internship after an academic semester at ISEP, you indicate it in the appropriate section, at the end of the document.
- Your attendance at ISEP is required:
 - For the 1st semester (S1): from September 1st to January, 31st
 - For the 2nd semester (S2): from February 1st to June, 30th

<p>Nom et Signature de l'étudiant - <i>Student's name and signature</i></p> <p>Date :</p>	<p>Etablissement d'origine – Nom et Signature du Coordinateur Institutionnel <i>Sending Institution - Institutional Coordinator's name and signature</i></p> <p>Date:</p>
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COURS / COURSES

Niveau licence – Undergraduate level

The following courses are taught in **English**. Select courses in one of the blocks below:

Block 1:

Code	Module name	Credits	Yes
IE.2307	Electronics for IoT	5	<input type="checkbox"/>
IE.2310	Computer Microsystems	5	<input type="checkbox"/>
IE.2301	Electronics, Signal and Telecommunications Project	8	<input type="checkbox"/>

Total

Block 2:

Code	Module name	Credits	Yes
II.2318	Software Engineering and Java Programming	5	<input type="checkbox"/>
IE.2310	Computer Microsystems	5	<input type="checkbox"/>
II.2302	WEB Development Project	8	<input type="checkbox"/>

Total

Block 3:

Code	Module name	Credits	Yes
IE.2301	Electronics, Signal and Telecommunications Project	8	<input type="checkbox"/>
IE.2307	Electronics for IoT	5	<input type="checkbox"/>
II.2318	Software Engineering and Java Programming	5	<input type="checkbox"/>

Total

If you wish, you may add to any block the following modules:

Code	Module name	Credits	Yes
IL.3507	Language : French	5	<input type="checkbox"/>
IH.3505	Management Training	2	<input type="checkbox"/>
IR.2301	Networks Fundamentals	4	<input type="checkbox"/>
IF.2301	Science and Data Processing	3	<input type="checkbox"/>

Total number of credits chosen for the semester at ISEP

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

Cours de la 1^{ère} année du cycle d'ingénieur

Choisissez les cours dans un seul bloc :

Bloc 1

Code	Nom du module	Crédits	Oui
IE.1101	Système numérique (APP) / Électronique et Signal	12	<input type="checkbox"/>
IR.1101	Réseaux	4	<input type="checkbox"/>
II.1102	Algorithmique et programmation	5	<input type="checkbox"/>
IF.1104	Science du numérique	3	<input type="checkbox"/>
AL.1101	Langue : anglais	2	<input type="checkbox"/>

Total

Bloc 2

Code	Nom du module	Crédits	Oui
II.1101	Système numérique (APP) / Télécommunications et Informatique	12	<input type="checkbox"/>
IE.1102	Architecture des ordinateurs	4	<input type="checkbox"/>
II.1102	Formation managériale 1	4	<input type="checkbox"/>
IF.1104	Science et traitement des données	3	<input type="checkbox"/>
AL.1101	Langue : anglais	2	<input type="checkbox"/>

Total

Cours de la 2^{ème} année du cycle d'ingénieur

Code	Nom du module	Crédits	Oui
AH.2303	Formation managériale 2	5	<input type="checkbox"/>

Total

Graduate level

Modules are taught in **English** and are grouped in learning tracks. For details of offered modules, please visit this web page: <http://en.isep.fr/studying-at-isep/course-catalog>

Please select modules in **one learning track only** in the following table. **Students can select all Major and 2 Minor courses.**

Learning track name	Code	Module name	Type	Credits	Ye
Information Systems	II.3512	Information Systems and Business Organization	Major	5	<input type="checkbox"/>
	II.3519	Risk Management and Audit	Major	5	<input type="checkbox"/>
	II.3510	Mobile Development	Minor	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Minor	5	<input type="checkbox"/>
	II.3521	Semantic WEB and Knowledge Management	Minor	5	<input type="checkbox"/>
	II.3524	Software Security	Minor	5	<input type="checkbox"/>
	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>
Software Engineering	II.3502	Distributed Architectures and Programming	Major	5	<input type="checkbox"/>
	II.3523	Formal Approaches, Languages and Compilers	Major	5	<input type="checkbox"/>
	II.3510	Mobile Development	Minor	5	<input type="checkbox"/>
	II.3524	Software Security	Minor	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Minor	5	<input type="checkbox"/>
	IG.3504	3D, Mixed & Augmented Reality	Minor	5	<input type="checkbox"/>
	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>
Connected Systems and Objects	IT.3501	High-Speed Networks	Major	5	<input type="checkbox"/>
	IR.3506	Virtualized Architectures	Major	5	<input type="checkbox"/>
	IR.3505	Advanced Routing and Architectures	Minor	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Minor	5	<input type="checkbox"/>
	II.3519	Risk Management and Audit	Minor	5	<input type="checkbox"/>
	IE.3515	Connected and Autonomous Vehicles	Minor	5	<input type="checkbox"/>
	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>
Digital Security & Networks	IR.3505	Advanced Routing and Architectures	Major	5	<input type="checkbox"/>
	II.3519	Risk Management and Audit	Major	5	<input type="checkbox"/>
	IR.3506	Virtualized Architectures	Minor	5	<input type="checkbox"/>
	II.3512	Information Systems and Business Organization	Minor	5	<input type="checkbox"/>
	IT.3501	High-Speed Networks	Minor	5	<input type="checkbox"/>
	II.3524	Software Security	Minor	5	<input type="checkbox"/>
Healthcare Digital Technology	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>
	IE.3514	Global Health Systems	Major	5	<input type="checkbox"/>
	IG.3501	Medical Robotics	Major	5	<input type="checkbox"/>
	IG.3504	3D, Mixed & Augmented Reality	Minor	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Minor	5	<input type="checkbox"/>
	II.3510	Mobile Development	Minor	5	<input type="checkbox"/>
	IE.3507	Automatics and Real Time	Minor	5	<input type="checkbox"/>
Embedded Systems Design	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>
	IE.3510	System Constraints and Implementation	Major	5	<input type="checkbox"/>
	IE.3511	Reliability and Safety	Major	5	<input type="checkbox"/>
	IE.3507	Automatics and Real Time	Minor	5	<input type="checkbox"/>
	IE.3515	Connected and Autonomous Vehicles	Minor	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Minor	5	<input type="checkbox"/>
	IG.3501	Medical Robotics	Minor	5	<input type="checkbox"/>

Data Intelligence	IL.3521	Semantic WEB and Knowledge Management	Major	5	<input type="checkbox"/>
	IG.3510	Machine Learning	Major	5	<input type="checkbox"/>
	IE.3514	Global Health Systems	Minor	5	<input type="checkbox"/>
	II.3510	Mobile Development	Minor	5	<input type="checkbox"/>
	II.3519	Risk Management and Audit	Minor	5	<input type="checkbox"/>
	II.3502	Distributed Programming & Architectures	Minor	5	<input type="checkbox"/>
	IP.3510	Learning Track Project	Major	5	<input type="checkbox"/>

If you wish, you may add the following modules:

Code	Module name	Credits	Yes
IL.35007	Language : French	5	<input type="checkbox"/>
IH.3505	Management Training	2	<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 la durée et la période souhaitée (exemple : 5 mois – entre le 15 janvier et le 10 juillet) :
Please specify the expected duration and the appropriate period of the year (example: 5 months, from 09/2017 to 01/2018):

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

Précisez le thème souhaité pour ce projet parmi les domaines suivants:
Please indicate your topic of interest for this project in the following domains:

Artificial Intelligence / Resource Management in Multi-User Wireless Systems /
Advanced Image Processing and Coding Methods / Energy Harvesting Systems / Electronic Systems.

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.