



## Courses taught in English at ISEP in Fall 2015-2016

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

### Fall semester

#### Undergraduate level

	<b>Code</b>	<b>Module name</b>	<b>Credits</b>
Wireless Telecommunications Systems	IR.1101	Networks Fundamentals	4
	M.ET106/IT.2302	Mobile Networks	5
Embedded Systems	IG.2301	Digital Signal Processing	2.5
	IG.2306	Compression and Transmission Techniques	2.5
Information Systems	II.2301	Systems Security	2.5
	II.2303	Advanced Databases	2.5

#### Graduate level

<b>Learning track name</b>	<b>Code</b>	<b>Module name</b>	<b>Credits</b>
<i>Information Systems</i>	II.3501	IT Security	2.5
	II.3503	Big Data	2.5
	II.3504	Data Mining	2.5
	II.3506	Advanced Web Technologies	2.5
	II.3510	Mobile Development	5
	II.3512	Organization of Business and Information Systems	5
	IP.3505	Learning Track Project	5
<i>Software Engineering</i>	II.3501	IT Security	2.5
	II.3502	Distributed Architectures and Programming	2.5
	II.3506	Advanced Web Technologies	2.5
	II.3510	Mobile Development	5
	II.3513	Advanced Algorithmic	2.5
	II.3516	Programming Languages and Compilation	2.5
	IP.3503	Learning Track Project	5
<i>Wireless Telecommunications Systems</i>	II.3510	Mobile Development	5
	IG.3507	Radiocommunication Systems Performances	5
	IR.3504	Services and Convergent Technologies	5
	IT.3504	Diffusion and Localization	5
	IP.3506	Learning Track Project	5
<i>Networks &amp; Services</i>	IR.3501	Network Security	2.5
	IR.3504	Convergent Services and Technologies	5
	IR.3505	Advanced Routing and Architectures	5
	II.3502	Distributed Architectures and Programming	2.5
	II.3510	Mobile Development	5
	IP.3502	Learning Track Project	5



<i>Healthcare Digital Technology</i>	II.3504	Data Mining	2.5
	II.3505	C/C++ Language	5
	IG.3504	Mixed and Augmented Reality	5
	IE.3501	Healthcare Systems Security	2.5
	IE.3503	System Implementation	2.5
	IE.3511	Safety and Risk Analysis	2.5
	IP.3504	Learning Track Project	5
<i>Embedded Systems Design</i>	IE.3502	Reliability	2.5
	IE.3503	System Implementation	2.5
	IE.3507	Automatic Control	2.5
	IE.3509	Embedded Calculators	5
	IE.3510	Systems Constraints and Implementation	5
	IE.3511	Safety and Risk Analysis	5
	IP.3501	Learning Track Project	5

Following modules can be added to any learning track (undergraduate or graduate level):

<b>Code</b>	<b>Module name</b>	<b>Credits</b>
M.GC102	Language : French	3
M.GC101	Management Training 1: Corporate Organisation/Law	5