



## Private International Institute of Management and Technology

<b>Bachelor of Computer Science</b>	
<b>First Year</b>	<b>1st Semester</b>
	Algorithms and programming
	Computer networks
	Information systems and databases
	Computer architecture
	Applied statistics
	Business economics
	Language and communication I
	<b>2nd Semester</b>
	Advanced algorithms and data structures
	Web development (supervised project)
	Operating systems and systems programming
	Probability
	Python Programming (supervised project)
Business management	
Language and communication II	
<b>Second Year</b>	<b>3rd Semester</b>
	Object Oriented Programming (C#) (supervised project)
	Frameworks programming : Java & Java JEE (supervised project)
	Software engineering
	Cryptographie & Sécurisé des Systèmes d'information
	Management
	Language and communication III
	<b>4th Semester</b>
	Object Oriented Programming (UML)
	Compiler and Complexity
	Software Development methodologies
	Advanced databases management
	Project management
	Corporate communication



<b>Bachelor of Computer Science</b>	
<b>Third Year : ( Big Data Technologies )</b>	<b>5th Semester</b>
	Cloud Computing
	Artificial Intelligence
	Internet of Things
	Management 2
	Business Intelligence
	Big Data and databases NoSQL
	<b>6th Semester</b>
	Internship
	Machine learning
	Big data analytics
	Data Mining and Text Mining
	<b>Third Year : ( Web and Mobile App Technology )</b>
Cloud Computing	
Artificial Intelligence	
Internet of Things	
Management 2	
Web Architecture and Distributed Systems	
Mobile application development	
<b>6th Semester</b>	
Internship	
Architecture micro-services	
Advanced web programming	
Advanced Mobile application development	
<b>Third Year : ( Cyber Security )</b>	
	Cloud Computing
	Artificial Intelligence
	Internet of Things
	Management 2
	Block chains
	Computer network security
	<b>6th Semester</b>
	Internship
	Information systems auditing
	Data center & Servers virtualization