Internet of Things and Big Data

Insegnamento	SSD	Ore
LEARNING OUTCOME 1		
Introduction to IoT (part I)	ING-INF/05	8
Introduction to IoT (part II)	ING-INF/03	8
LEARNING OUTCOME 2		
Relational Skills	M-PSI/05	16
LEARNING OUTCOME 3 (2 Themes of 3)		
Enabling Technologies for IoT (Theme A – Computer Science)	INF/01	16
Enabling Technologies for IoT (Theme B –Telecommunications)	ING-INF/03	16
Enabling Technologies for IoT (Theme C – Electronics)	ING-INF/01	16
LEARNING OUTCOME 4		
Data Management	INF/01	24
LEARNING OUTCOME 5		
Data Analytics	ING-INF/05	24
LEARNING OUTCOME 6		
Interconnected Device (part I)	ING-INF/01	24
Interconnected Device (part I)	ING-IND/31	24
LEARNING OUTCOME 7		
Wireless Sensor and Actuator Networks with Low Power Consumption	ING-INF/03	32
LEARNING OUTCOME 8		
Distributed Systems	INF/01	16
Cloud computing, Fog computing	ING-IND/05	16
LEARNING OUTCOME 9		
Security and Data Protection	ING-INF/05	24
LEARNING OUTCOME 10		
Quality of Service management	ING-INF/03	32
LEARNING OUTCOME 11		
Discovery, Identification, Localization	ING-INF/03	24
LEARNING OUTCOME 12		
Semantic Web methods	INF/01	24
Semantic Web technologies	ING-INF/05	24
LEARNING OUTCOME 13		
User Interface and Interaction	ING-INF/05	32
LEARNING OUTCOME 14		
Social Internet of Things	INF/01	16
LEARNING OUTCOME 15		
Management	SECS-P/10	6
Competitiveness of SMEs	SECS-P/10	5
Law	IUS/01	5

LEARNING OUTCOME 16		
Entrepreneurship and Self- Employment	ING-IND/35	8
LEARNING OUTCOME 17		
Case-studies	ING-INF/05	32
Seminario su “Principio di pari opportunità e non discriminazione”		4
Stage		450