

Object Oriented Programming and Scripting in Python

2019-20 Edition

Timetable

Week	Lesson	Date	Time	Room	Contents	Teacher	Note	
1	1	Mon, Sep 7, 20	3-7pm	Teams (online)	Python syntax, data types, control structures, functions and parameter passing, list comprehension, iterators, generators, etc Practice	Giuliano		4h
	2	Tue, Sep 8, 20	3-7pm	Teams (online)	OOP – Classes, objects, methods, inheritance, polymorphism Practice	Giuliano		4h
	3	Thu, Sep 10, 20	3-7pm	Teams (online)	OOP – Function objects, decorators, operator overloading, design patterns Practice	Giuliano		4h
2	4	Mon, Sep 14, 20	3-7pm	Teams (online)	DBMS handling Practice	Ovaldo	psycpg2, SQLAlchemy	4h
	5	Tue, Sep 15, 20	3-7pm	Teams (online)	Programming with arrays and matrices (numpy) Scientific programming (scipy) Practice	Ovaldo	numpy, scipy	4h
	6	Thu, Sep 17, 20	3-7pm	Teams (online)	Plotting (matplotlib) Practice	Ovaldo	numpy, scipy, matplotlib	4h
3	7	Mon, Sep 21, 20	3-7pm	Teams (online)	Data mining Practice	Giuliano	scikit-learn, Orange	4h
	8	Tue, Sep 22, 20	3-7pm	Teams (online)	Reflection and introspection Practice	Giuliano		4h

Teacher Giuliano Armano
Tutor Osvaldo Marullo

NB PhD students must attend all lessons
 DSBAI students must attend lessons 2, 5, 6, 7
 EEI students must attend lessons 1, 2, 3, 4, 5, 6 (lessons 7 and 8 are optional)