

Master Degree in AI and Health

Master program for UNIPi Students

	1st Year at UNIPi	University	Language	Credits
1106I	Artificial Intelligence I (common course)	UNIPi	ENGLISH	6
545EE	Advanced biochemistry (common course)	UNIPi	ENGLISH	6
1107I	Probability and Biostatistics (Biology track)	UNIPi	ENGLISH	6
001CA	Bioinformatics and in silico models (Biology track)	UNIPi	ENGLISH	12
546EE	Biology of Cellular System (Engineering track)	UNIPi	ENGLISH	6
549EE	Genetics and Molecular biology (Engineering track)	UNIPi	ENGLISH	12
785AA	Artificial Intelligence II (common course)	UNIPi	ENGLISH	6
023FE	Physio-pathology (common course)	UNIPi	ENGLISH	6
547EE	Biotechnology applied to sense physiology (common course)	UNIPi	ENGLISH	6
1108I	Smart materials and sensors (Biology track)	UNIPi	ENGLISH	12
022FE	Microbiology and public health (Engineering track)	UNIPi	ENGLISH	12

	Total Credits 1st Year (for each track)	60
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	2nd Year at AMU	University	Language	Credits
ABSCU43	Introduction : descriptive statistics adapted to biomarkers	AMU	ENGLISH	3
ABSCU44	Machine Learning : application to the analysis of single cell data sets	AMU	ENGLISH	6
ABSCU45	Image analysis - Biomarker diagnostics	AMU	ENGLISH	3
ABSCU46	Open Science and Reproducible Science	AMU	ENGLISH	6
ABSCU03	Bibliography - writing of a thesis on the internship topic	AMU	ENGLISH	6
	Focused Lab Training 1	AMU	ENGLISH	3
	Focused Lab Training 2	AMU	ENGLISH	3
ABSDU01	Lab/Thesis	AMU	ENGLISH	30

	Total Credits 2nd Year	60
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	Total credits	120
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