



## M1 - Materials science exploring large scale facilities – MaMaSELF (MAT P3)



Structure de  
formation  
Faculté des  
Sciences



# Programme

## M1S1 MAT P3

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Crystallography I	2 crédits
Thermodynamics and defects of solids M1	5 crédits
Inorganic materials	3 crédits
Surface properties M1	3 crédits
Crystallography II and Electron Microscopy	6 crédits
Thin films and extreme conditions M1	3 crédits
Materials for catalysis M1	3 crédits
Quantum Mechanics and Modelling I	5 crédits

## M1S2 MAT P3

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Metallurgy and electronics properties	5 crédits
Internship research	10 crédits
Project internship	3 crédits
Quantum Mechanics and Modelling II	7 crédits
Crystallography, crystal chemistry, Large scale facilities	5 crédits