



Master of Life Science M2 RNA & Enzymes Sciences

• **PRESENTATION**

Teaching englist

Lorraine University in Nancy, France, offers an international teaching program in English in the field of RNA molecular biology and Enzymology. The primary goal of this Master 2 program (second year of master) is to provide a unique opportunity to study these molecular aspects of cellular metabolism with experts in the field.

The Master 2 program "RNA/Enzymes Sciences" RNAES is underpinned by high-standard scientific environment provided both by the BioPole of Lorraine University and by associated and partner labs in close proximity to Nancy.

The BioPole building, constructed in 2011, hosts the IMoPA CNRS-UL research unit, which focuses its activity on fundamental and applied aspects of molecular enzymology, RNA biology and bioengineering. The research groups located in the BioPole benefit from the presence of state-of-the-art facilities covering all aspects of structural biology, proteomics, high-throughput DNA sequencing and imaging.

○ ACCESS

Capacity	20 candidates
Access: background record and interview	
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RNAES is opened to students granted after a 1st year of a Master program in Biochemistry, Molecular Biology (or equivalent, e.g. 4 y. BSc). Applications will be examined by the application commission. An interview (telephone and/or face-to-face) is often proposed.

\circ AIMS

The students will acquire both theoretical and practical knowledge in biochemistry, molecular and cellular biology of RNAs and enzymology.

By the end of the Master 2 Program, the students should be able to conduct a research or industrial project in an autonomous manner. Specifically, the students should be able to understand the scientific question(s), elaborate possible solutions, and conceive and execute an experimental protocol. They should also be able to interpret experimental data, and to present results in both oral and written form.

• **PROGRAM**

The Master 2 will cover various topics in RNA biology and enzymology. The table below details the different teaching modules.

ORGANISATION



• CONTACTS

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