THE MASTER’S OFFERS

• A Master 1 first year allowing students to acquire in-depth knowledge of the biological mechanisms of cancer, in partnership with the Lyon Veterinary School.
• An introduction to clinical and translational research in line with the socio-economic and ethical aspects of patients care.
• Pluridisciplinarity

MASTER’S COURSES

Cancer Biology
Focus on the latest fundamental discoveries in the biological mechanisms of cancer - Lectures given by internationally recognised researchers.

Therapeutic Innovations in Oncology
Focus on drug design, therapeutic innovations and clinical trials in oncology in collaboration with teachers from the Lyon Veterinary School (cancers in pets).

Precision Medicine in Oncology
Analysis and use of digital data in oncology and the socio-economic, ethical and societal aspects of this «massive data», divided into two specialities: bioinformatics analysis of «omics» data or Health Humanities Sciences (HHS) dimension.

Cancer Bio-engineering
Focus on the transdisciplinary teaching of physico-chemical properties of cancers, innovative technologies (biomechanics in 3D models, microfluidics and new devices) to better approach the physiology of the tumour in vitro.

INTERNATIONAL DIMENSION AND PARTNERSHIPS

European summer school
The Oncology master participated in the creation of an international summer school "Precision Oncology" labelled ESI (European School International) at the regional level with the UGA, the IARC and the CERN.

Universities Cooperations
The master is partner of foreign laboratories:
- has developed several international collaborations with universities in Canada, Japan, China, Australia and New Zealand.

A M1 program in cancer has been created at the Shanghai Jiao-Tong University Medical School

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UNIVERSITY LYON 1 ENVIRONMENT

University at the cutting edge of innovation, Lyon 1 delivers high-quality education and research excellence within an attractive environment. Its international reach extends through the fields of science, technology, health and sport. Lyon 1 is also a university that is committed to support, creation and sharing with respect to everyone within its community.