



微生物与生化药学硕士培养方案 Master Microbiology

生物与健康硕士 Master Biology and Health

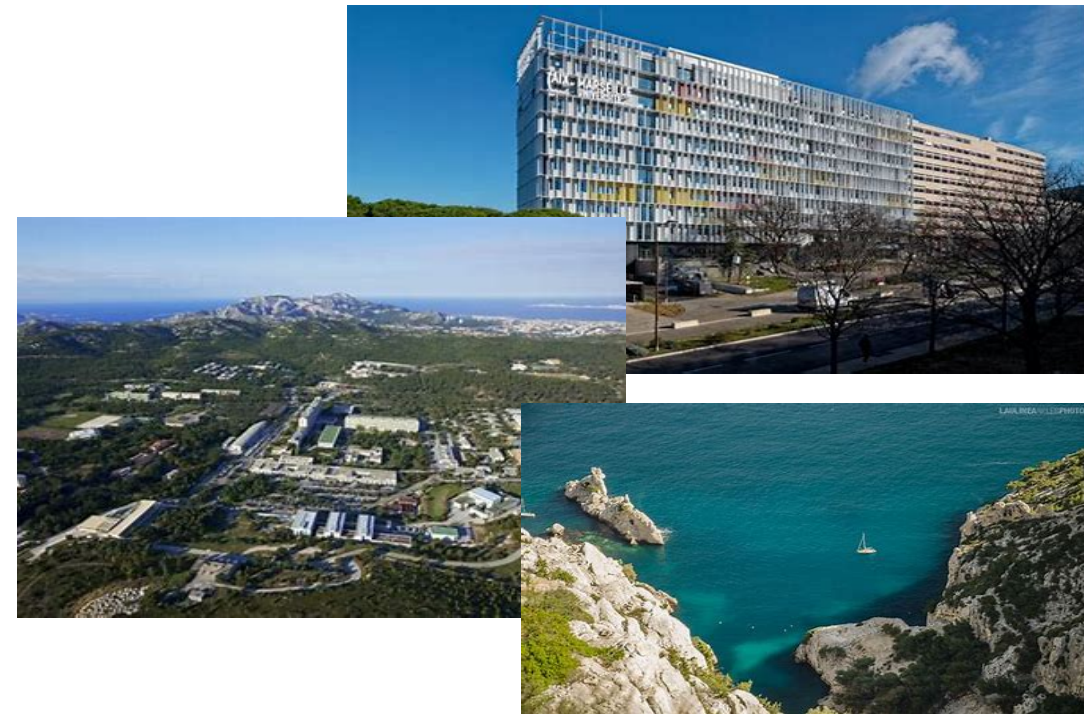
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微生物与生化药学硕士培养方案 Master Microbiology

Campus Luminy

- **exceptional site** at the gates of the Calanques where it is good to live and work...
- **32 international research laboratories** (1500 researchers, foreign post docs, engineers, etc.)
- **high-tech companies**
- **student accommodation**
- **sports facilities** (tennis, stadiums, etc.), hiking trails, limestone for climbing...



微生物与生化药学硕士培养方案 Master Microbiology

开课学期 Semester 1

生命科学科技英语 English for Life Science
马克思主义与社会科学方法 Professionalisation
学术英语写作 Advanced Microbiology
基础实验 Initiation to the research
生物化学与分子生物学 Biochemistry and
molecular Biology
生物与医药前沿专题 Frontier in biology and
drugs
高等天然药物化学 Advanced Natural
Medicinal Chemistry

开课学期 Semester 2

高等微生物学 Academic english writing
第一外国语（法 French
原核细胞生物学 Prokaryotic cell biology
科学交流之道 Skills in Science
细菌适应性的分子和细胞机制 Molecular and
cellular adaptation
细菌遗传学 Genetic
生物技术制药 Biotechnological pharmaceuticals

开课学期 Semester 3

中国特色社会主义理论与实践
Professionalisation 2
生命科学科技英语 Tech English for Life Science
微生物硕士学术大会 Congress of Master
文献分析 Bibliography
选题报告及中期考核 Topic Selection Report
and Mid-term Assessment

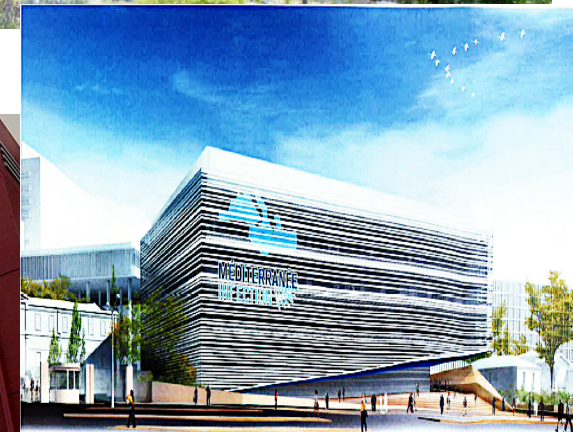
开课学期 Semester 4

艾克斯马赛学院硕士实
践环节 Practice of
Master Students of Aix-
Marseille University
(Stage 2)

生物与健康硕士 Master Biology and Health

Campus Timone

- located at the **entrance of the city of Marseille**
- near the major hospitals of Marseille
- teaching and research excellence in health
- **>20 international research laboratories**
- **student accommodation**



生物与健康硕士 Master Biology and Health

开课学期 Semester 1

第一外国语（英语）上 First Foreign Language (English) I
 高等细胞生物学 Advanced Cell Biology
 高等分子遗传学 Advanced Molecular Genetics
 初级免疫学 Primary Immunology
 专业基础实验（Immunologie expérimentale）
 Professional Elementary Experiment
 生命科学科技英语 Tech English for Life Science

开课学期 Semester 2

第一外国语（英语）上 First Foreign Language (English) II
 先天免疫学 Immunité innée
 后天免疫学 Immunité adaptative
 专业综合实验（Immunologie expérimentale）
 Professional Comprehensive Experiment
 免疫病理学 Immunopathologie
 免疫和细菌感染 Immunité et infections
 第二外国语（法语） Second Foreign Language (French)

开课学期 Semester 3

中国特色社会主义理论与实践 Theory and Practice of Socialism with Chinese Characteristics
 自然辩证法概论 Introduction to Dialectics of Nature
 数学物理方程 Mathematical Physics Equations
 应用数理统计 Applied Mathematical Statistics
 细胞和分子生物治疗 Cellular and Molecular Biotherapy
 科学写作之道 Skills for Scientific Writing

开课学期 Semester 4

开课学期 Semester 5

开课学期 Semester 6

马赛学院硕士学术活动 Academic Activities of Master Students in Institute of WUT-AMU

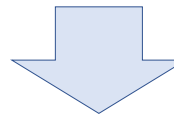
马赛学院选题报告与中期考核 Topic Selection Report and Mid-term assessment in Institute of WUT-AMU

马赛学院硕士实践环节 Internship in laboratory or Industry

实习 Internship

Research Units

- [C2VN](#) : Centre de recherche en cardiovasculaire et Nutrition
- [CRCM](#) : Centre de recherche en cancérologie de Marseille
- [CIML](#) : Centre d'immunologie de Marseille Luminy
- [IHU](#): Institut méditerranée infection
- [ADES](#): Anthropologie, droit, éthique et santé
- [APHM](#): Assistance publique hôpitaux de Marseille



- Immunology, infectiology, cardiovascular, neuro-inflammatory topics
- Mobilizing the acquired knowledge to design, implement, analyze and value a research project in the fields of human pathology
- Open the mind of the researcher in training to methodological or conceptual skills and preclinical, clinical or regulatory aspects
- Propose a research project to answer a given scientific question

目标、职业机会 Objectives and Career Opportunities

- 这项培训使学生为从事人类病理学生物医学研究的研究人员或专业人员的职业做好准备
- The training prepares students for careers as researchers or professionals in biomedical or microbial research

- 培训还允许学生继续其理科博士论文
- The training also allows students to continue their doctoral thesis in science

- 这些课程适应了专业领域的需求，并允许直接的专业融合：生物科学技术、先进技术、新的保健专业
- The courses are adapted to the demands of the professional world, and allow a direct professional integration: techniques in biological sciences, advanced technologies, new health/scientific professions

- 培训的基础是桑特校区的研究单位、梅迪泰拉尼感染医院和保利Calmettes 研究所，以及与许多公共和私营行为体的伙伴关系
- The training is based on the research units from the “Campus science”, “Campus Santé”, as well as on partnerships with many public and private actors

关键日期 Key dates

第二学期出国学习和出国实习建议时间表：

- 6月30号前，马赛大学将接受交流学生人数、专业与层次名额分配、申请材料发送给武汉理工大学马赛学院学生事务部。
- 9月10号前，中方发送候选人完整材料给法方
- 9月30号前，法方公布候选人结果
- 10月1号起，办理出国交流的行政手续和签证

Le calendrier proposé par AMU

- Au plus tard le **30 juin**, AMU transmet le nombre de places disponibles pour chaque mobilité et le nombre de dossiers de candidatures qui seront étudiés
- Au plus tard le **10 Septembre** : WUT transmet les dossiers de candidature complets à AMU
- Au plus tard le **30 Septembre** : résultat de la sélection des candidatures par l'équipe pédagogique
- A partir du **1^{er} Octobre** : démarches administratives et demandes de visa

The timing proposed by AMU

- No later than 30 June, AMU send the number of places available for each mobility and the number of applications to be examined
- No later than 10 September: WUT forwards the complete applications to AMU
- No later than 30 September: result of the selection of applications by the AMU teaching team
- From 1st October: administrative procedures and visa applications



Thank you for your attention

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