Graduate Programme

Precision Health
4 Graduate Programmes of excellence in Lille

- **Master Precision Health**
- 8 Masters en Biologie, Chimie, Physique, Sciences de la terre
- 10 Masters en sciences des données, IA, nanotechnologies, mathématiques, photonique, sc. cognitives, philosophie

**Graduate Programme – Precision Health**
Objectives of the Graduate Programme

- An integrated programme to form Master and PhD students
- A unique training to excellence research to the innovative concepts (big data, AI, imagery, biotechnology, ...) that will drive tomorrow’s fundamental/medical research and health management
- Open to talented Biologists, MD and PharmaD from national and international origin
- To form the next generation research leaders for academia, industry and biotech
Graduate Programme: integrated Master & PhD

(Inter)national recruitment (sci, MD, PharmaD, (bio)info)

Master 2 Biology-Health
Course Precision health

PhD - Precision health

From OMICS to systems biology
Imaging
Molecular basis of diseases and treatments
Artificial Intelligence
Mathematical modeling of living organisms

Novel Mode of actions for personalized drugs
Medical devices
From cohorts to cutting-edge researches
Public policy and health economics
Ethic, health and society

• Formation to research of excellence
• Teaching in english

• International mobility
• Interdisciplinarity

• Opening to the socioeconomic world
• Attractive fellowships
Graduate Programme:
Master 2 Biology-Health - Course Precision Health

- **International course** open to students from **scientific**, **medical/pharmaceutical** and **(bio)informatics** education

- **10 interactive seminars** given by national or international experts in the fields of **multi-OMICS**, **artificial intelligence**, **mathematic modelling of biological systems**, **state-of-the-art therapies** (medical devices and personalized drugs), **cohort management**, **healthcare economics and ethics** - Application examples from the leading themes of the research sector, **cancer**, **diabetes**, **neurosciences**, **infection/immuno-inflammation**

- A 6-month **training in research through research** in internationally recognized laboratories with a personalized preparation

- **Study Lab**, an innovative training to develop a research project and write a research proposal within interactive small groups including students and mentors

- **International mobility fellowships** (3500 euros)

- **Merit fellowships** (3500 euros)

- **PhD fellowships** awarded to students motivated to pursue their research training
Graduate Programme: PhD - Course Precision Health

• **International course** open to students from **scientific, medical/pharmaceutical and (bio)informatics education**

• **Training in research through research** in internationally recognized laboratories

• **Theoretical training to research, 10 interactive and interdisciplinary seminars** in the fields of multi-OMICS, artificial intelligence, mathematic modelling of biological systems, state-of-the-art therapies (medical devices and personalized drugs), **cohort management, healthcare economics and ethics** - Application examples from the leading themes of the research sector, **cancer, diabetes, neurosciences, infection/immuno-inflammation**

• **International mobility** up to 6 months during the 3-years

• **Fellowships** for interdisciplinary summer schools, congress, meetings, ...

• Focus towards the **socio-economic world and bioentreprenarship**, particularly for to help PhD for their future integration into professional life: **DU Health Entreprenarship, visit of companies, « Club of industrials » PreciDIAB, ...**
More info - Contact

https://www.precidiab.org/

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