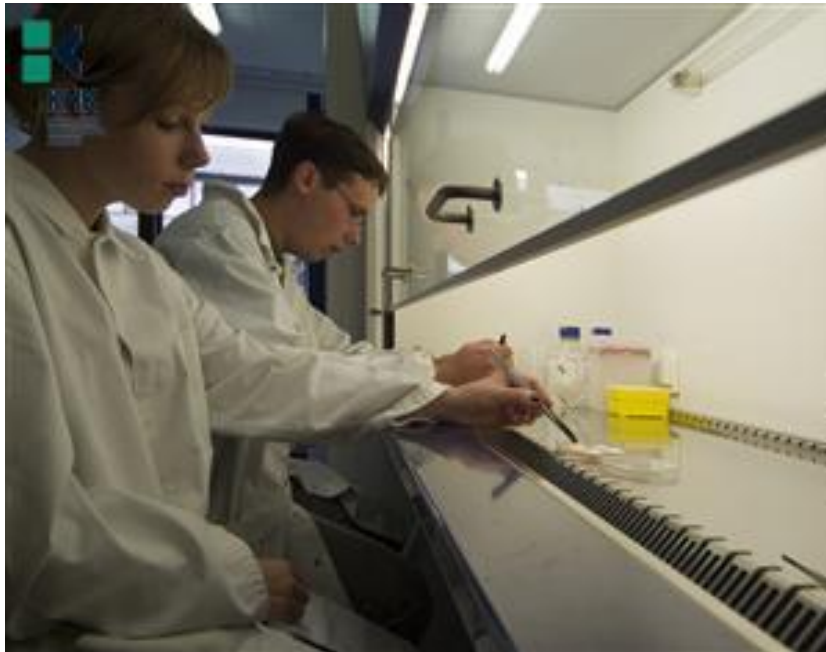


International Microbiology Module Programme in English



IMIB, the international module in microbiology, is taught in English and consists of courses and a placement in a microbiological environment. The courses will take place at campus Geel for 6 weeks. The rest of the time will be practical work in a microbiological laboratory of a company, hospital, university.....

Aim

Training of microbiologists who

- Are able to apply statistical techniques and to interpret its output to analyse measurement data
- Control guidelines of biosafety and food hygienic
- Are able to work sterile and can assess the risks of microbiological work
- Are able to set up experiments with bio control of organisms and phytopathology
- Are able to do microscopical parasitological research and have an insight into toxicological test methods

Five course units.

1. Support and Regulation (5 ECTS)
 - Dutch for beginners
 - Biosafety
 - Global Food Issues
 - Food Hygienics
 - Bio statistics
2. Molecular and Microbial Systems (4 ECTS)
 - General Microbiology and lab
 - Food Microbiology and lab
 - Molecular Biology and lab
3. Micro-organisms as a threat (5 ECTS)
 - Phytopathology and lab
 - Bio Control of Organisms and lab
 - Toxicology
 - Parasitology and lab
4. Micro-organisms as a benefit (4 ECTS)
 - Fermentation technology and lab
 - Water purification
 - Modelling and regulation fermentation processes
5. Work placement (12 ECTS)

Assessment

- Individual assessment and project based group work
- ECTS grading scale
- 30 ECTS

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