

Interfaculty & interdisciplinary program in translational medicine

Titulaire

Hilde STEVENS (Coordonnateur)

Mnémonique du cours

PHAR-J902

Crédits ECTS

10 crédits

Langue(s) d'enseignement

Français

Période du cours

Deuxième quadrimestre

Campus

Erasme

Contenu du cours

The course consists of:

- > **23 February:** Opening module (*onsite @ Erasme Campus, Brussels*), "Setting the scene - collaboration for innovation, Leadership insights"
 - > This is an interactive day where students have a chance to interact with healthcare leaders
- > **1 March:** Lecture (*online*), "SDGs to achieve Universal Health Coverage"
- > **8 March:** Lecture (*online*), "Regulatory challenges and opportunities"
- > **15 March:** Lecture (*onsite @ Erasme Campus, Brussels*), "Patient-centred innovation"
- > ***15 March:** Workshop I (*onsite @ Erasme Campus, Brussels*), "GDPR in Clinical Care Settings"
- > ***16 March:** Workshop II (*onsite @ Erasme Campus, Brussels*), "Negotiating IP Agreements"
- > **22 March:** Closing module (*online*), "From challenges towards opportunities"
- > **28 March:** 13h Annual Lecture (*onsite @ Royal Academy of Science, Letters and Fine Arts of Belgium*), "Affordable access to rare diseases therapies"
- > **26 April:** MCQ online exam

Workshops are mandatory only for certificate-track students.

Please visit our website for further information: <http://i3health.eu/i3h-education/>

Objectifs (et/ou acquis d'apprentissages spécifiques)

The objective of the course is to prepare the next generation of healthcare professionals to be able to face new challenges of

precision patient-centric practice. We provide them with a basic knowledge and a holistic vision of the complex processes that translate scientific advances into novel standards of care.

The course consists of interactive sessions led by experts from academia, public health organizations, private companies and patient representatives. Through lectures, quizzes, workshops and an online learning platform students can achieve competencies which address a variety of scientific, business, management and social issues.

Topics covered during the course include:

- > The main strategies and tools for the prevention and treatment of disease states;
- > The main types and principles of healthcare systems worldwide;
- > The basic principles of healthcare economics and management;
- > The multiple steps and key principles in the development of health technologies;
- > The basics of data and knowledge generation in healthcare;
- > The new innovation models and career opportunities in healthcare.

The students understand the need for interdisciplinarity and convergence of medicine, life sciences and physical sciences, engineering and management, from basic research to patient-centric care, including (pre)clinical research, development of medicines and medical devices, healthcare organization, management and economics.

Méthodes d'enseignement et activités d'apprentissages

College - Interactive discussions with experts - Case study workshops to stimulate interaction between students coming from different disciplines.

Our innovative educational program is offered to

- > Master and PhD students
- > Post-doctoral fellows
- > Medical specialists in training
- > Professionals

Contribution au profil d'enseignement

- > Basic knowledge of the interdisciplinary skills that will shape the future of medicine;
- > Understanding the respective roles of the different stakeholders in healthcare;
- > Unique opportunities to interact with experts and colleagues from a wide range of disciplines and environments.

Références, bibliographie et lectures recommandées

Recommended articles are provided via the e-platform to the students.

Autres renseignements

Lieu(x) d'enseignement

Erasme

Contact(s)

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Méthode(s) d'évaluation

Autre

Langue(s) d'évaluation principale(s)

Anglais

Programmes

Programmes proposant ce cours à la faculté de Pharmacie

MA-PHAR | Master en sciences pharmaceutiques | finalité Spécialisée/bloc 2

