

## Bioethiek (C002865)

**Cursusomvang** *(nominale waarden; effectieve waarden kunnen verschillen per opleiding)*

**Studiepunten 3.0** **Studietijd 80 u**

**Aanbodsessies en werkvormen in academiejaar 2023-2024**

A (semester 1)	Engels	Gent	werkcollege hoorcollege zelfstandig werk
B (semester 1)	Engels	Gent	hoorcollege werkcollege zelfstandig werk

**Lesgevers in academiejaar 2023-2024**

Focquaert, Farah	LW01	Verantwoordelijk lesgever
Debrabander, Jasper	LW01	Medewerker

**Aangeboden in onderstaande opleidingen in 2023-2024**

	stptn	aanbodsessie
<a href="#">Bachelor of Science in Molecular Biotechnology</a>	3	B
<a href="#">Educatieve Master of Science in de wetenschappen en technologie (afstudeerrichting biochemie en biotechnologie)</a>	3	A
<a href="#">Educatieve Master of Science in de wetenschappen en technologie (afstudeerrichting biologie)</a>	3	A
<a href="#">Master of Science in Biochemistry and Biotechnology</a>	3	A
<a href="#">Master of Science in Biology</a>	3	A
<a href="#">Uitwisselingsprogramma biochemie en biotechnologie (niveau master)</a>	3	A
<a href="#">Uitwisselingsprogramma biologie (niveau master)</a>	3	A

**Onderwijstalen**

Engels

**Trefwoorden**

Bioethics, Applied Ethics

**Situering**

The aim of this course is to introduce fundamental ethical approaches and common arguments in bioethical debate, and to encourage students to identify and critically analyse ethical questions related to the life sciences.

**Inhoud**

An overview will be given of common approaches in ethical argumentation and of the most important theories in normative ethics: consequentialism / utilitarianism, deontology and virtue ethics.

Starting from concrete ethical issues related to the students' research interests, the students will learn to identify and analyse controversial ethical questions arising from developments in the life sciences. During the lectures students will be encouraged to think critically about ethical issues and to develop well argued positions.

Part of the course will involve discussion on recent discoveries/technologies/developments that raise ethical concern. These discussions provide an opportunity for the students to apply the skills that are acquired during the lectures.

Examples of topics included in the lectures and discussions:

- Introduction to bioethics
- Ageing - prolonging life

- Research animals
- Human research subjects
- GMO's
- Dual use dilemma
- Stem cell research and patents
- Neuromodulation and enhancement
- Genomics

### **Begincompetenties**

- Good knowledge of English is required
- Analyse abstract and concrete problems
- Reflect critically
- Communicate a personal stance

### **Eindcompetenties**

- 1 Have an insight in the crucial differences between the most important argumentation frameworks in normative ethics.
- 2 Discuss ethical issues from different perspectives and advance a well-argued position on these issues.
- 3 Develop and communicate well-argued ethical analyses regarding the impact of innovations in biology, biochemistry and biotechnology on society and the global world.
- 4 Develop and communicate a well-argued ethical view regarding the value of the life sciences and scientific and technological developments for society.
- 5 Act in accordance with ethical research principles and internationally accepted ethical guidelines while engaging in research and associated professional activities.

### **Creditcontractvoorwaarde**

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

### **Examencontractvoorwaarde**

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

### **Didactische werkvormen**

Werkcollege, Hoorcollege, Zelfstandig werk

### **Toelichtingen bij de didactische werkvormen**

- texts in preparation of class (individual work)
- lectures (on campus or online)
- guided discussions in group (seminars)

### **Leermateriaal**

Philosophical articles, scientific publications related to the discussed topics; extracts of reports from bioethics committees, slides  
Cost: 0 EUR

### **Referenties**

- Kuhse H, Singer P. A companion to Bioethics. Oxford: Blackwell Publishing Professional (Reprint edition), 2001.
- Rachels J. The Elements of Moral Philosophy. McGraw-Hill College, 2003.
- Stanford Encyclopedia of Philosophy <http://plato.stanford.edu/>

### **Vakinhoudelijke studiebegeleiding**

By lecturer, after appointment or via email.

### **Evaluatiemomenten**

periodegebonden evaluatie

### **Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode**

Schriftelijke evaluatie

### **Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode**

Schriftelijke evaluatie

### **Evaluatievormen bij niet-periodegebonden evaluatie**

### **Tweede examenkans in geval van niet-periodegebonden evaluatie**

Niet van toepassing

### **Eindscoreberekening**

schriftelijk examen: 100%