Hier vind je de beschrijvingen van de vakken in de minor. Meer inhoudelijke informatie over de minor vind je op minor.vu.nl.
<table>
<thead>
<tr>
<th>Vak</th>
<th>Periode</th>
<th>Pagina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vak: Data Analytics and Privacy (Periode 2)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Vak: Governance and Regulation of Emerging Technologies (Periode 1)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Vak: Law and Ethics of Reproductive Technologies (Periode 3)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Vak: Philosophy and Neuroethics (Periode 2)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Vak: Robot Law and Artificial Intelligence (Periode 1)</td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>
Data Analytics and Privacy

**Vakcode**  
R_DAP ()

**Periode**  
Periode 2

**Credits**  
6.0

**Voertaal**  
Engels

**Faculteit**  
Faculteit der Rechtsgeleerdheid

**Coördinator**  
dr. mr. M. van der Linden

**Examinator**  
dr. mr. M. van der Linden

**Docent(en)**  
prof. mr. A.R. Lodder

**Lesmethode(n)**  
Hoorcollege, Leergroep

**Niveau**  
300

**Doel vak**
Data Analytics and Privacy focuses on the role of fundamental rights and legal principles in the regulation of business analytics and data science, with a general focus on the right to privacy. The student will learn and understand the ethical and legal aspects of business analytics and data science. The student will be able to analyze the role of fundamental rights and legal principles in the regulation of these issues. The student will be able to deal with the similarities and differences between legal admissibility and ethical acceptability when working with large datasets and the application of the outcomes of the analysis.

**Inhoud vak**
In the field of business analytics and data science the opportunities seem endless. Perfect enforcement of norms, excellent personally targeted advises and advertments. Outcomes of data analytics can even preceed what's on a man's mind: the cab arrives at the moment you did not even know yet you needed it, the packages are already posted before you ordered them, or the criminal behavior is predicted before it takes place. This course obviously is not about the possibilities, but about the limits we as a society want to put on those possibilities. The legal and ethical standards for this area have not yet been crystallized, but in general fundamental rights and ethical principles are well known. This course also explores the boundaries between legal admissibility and ethical responsibility.

**Onderwijsvorm**
Lectures, tutorials, peer review

**Toetsvorm**
Paper, presentation

**Literatuur**
Made available via Electronic Learning environment

**Doelgroep**
Apart from regular students, the course is also available for: Students from other universities/faculties Contractor (students who pay for one course).

**Governance and Regulation of Emerging Technologies**
Doel vak
The aim of this course is explore various ways to regulate and govern societal changes caused by new technological developments. After this course the student knows and understands the various regulative and governance instruments, such as laws, regulation via technology, self-regulation, standardisation, and how and when to apply these to new technologies, including so-called disruptive technologies like Ueber, whole genome sequencing, Airbnb, block chain technology.

Inhoud vak
This introductory course of the Minor Technology, Law and Ethics offers an introduction into and overview of ways technology can be regulated. Important general concepts to be discussed are the economy (market powers), the law (regulation and case law), social conventions and ethics, and the architecture (e.g. the software). Basically three angles can be used to approach a technological development:
1. The Possible: what is technically feasible? (Technology)
2. The Desirable: do we like it, do we want it? (Ethics)
3. The Permissable: do we allow it? do we permit it? (Law)
For all emerging technologies we have to think about these three questions. The answers can roughly be categorized as:
White: It is possible, desirable, and permissable.
Grey: It is possible and permissable, but desirable?
Black: It is impossible, or possible but not permissable.
We will analyze different kinds of emerging technologies, and discuss in what categories we believe they belong (white/grey/black)

Onderwijsvorm
Lectures and tutorials

Toetsvorm
Written exam

Literatuur
Material will be made available via the electronic learning environment

Doelgroep
Apart from regular students, the course is also available for:
Students from other universities/faculties
Contractor (students who pay for one course)

Law and Ethics of Reproductive Technologies
Doel vak
This interdisciplinary course explores the bioethical, biogal and biopolitical dilemmas that are raised by technological developments at the intersection of reproductive medicine and genetics.

This course will enable the student to critically reflect upon legal and ethical dimensions of current public debates on the regulation of assisted reproductive technologies. This course will teach the student to come to an understanding of the key concepts and categories within legal regulation of reproductive technologies, and to connect these with various normative ethical theories. Through an examination of the existing legal frameworks surrounding reproductive and genetic technologies from the perspectives of law and bioethics against the background of ongoing contemporary political and societal discussions, the student will be trained to integrate ethical reasoning, daily practices and legal rules and regulations into a normative evaluation of these technologies. In this process the student will be encouraged to take a legally and ethically argued position in scientific debates on current developments in the field of assisted reproductive technologies through written and oral presentations of a legal and philosophical nature.

Inhoud vak
Technologies at the intersection of reproductive medicine and genetics offer new ways of creating human life. These technologies make it possible to assemble, genetically screen, choose and, possibly, even design one’s future children. How can societies decide who may access these technologies to create what kind of children? Which rights, whose rights and which public values should be taken into account within the regulation of this complex field? And what are the legal and ethical limits to these currently emerging forms of ‘liberal eugenics’?

The general focus in this course will be on the role and meaning of human rights and human dignity for the regulation of assisted reproductive technologies.

Topics in this course include:
- law and ethics of prenatal testing
- selective reproduction and ‘designer babies’
- reproductive markets and reproductive tourism

<table>
<thead>
<tr>
<th>Vakcode</th>
<th>R_LERT ()</th>
</tr>
</thead>
<tbody>
<tr>
<td>Periode</td>
<td>Periode 3</td>
</tr>
<tr>
<td>Credits</td>
<td>6.0</td>
</tr>
<tr>
<td>Voertaal</td>
<td>Engels</td>
</tr>
<tr>
<td>Faculteit</td>
<td>Faculteit der Rechtsgeleerdheid</td>
</tr>
<tr>
<td>Coördinator</td>
<td>mr. B.C. van Beers</td>
</tr>
<tr>
<td>Examinator</td>
<td>mr. B.C. van Beers</td>
</tr>
<tr>
<td>Docent(en)</td>
<td>mr. B.C. van Beers</td>
</tr>
<tr>
<td>Lesmethode(n)</td>
<td>Werkcollege</td>
</tr>
<tr>
<td>Niveau</td>
<td>300</td>
</tr>
</tbody>
</table>
- reproductive rights
- gestational and commercial surrogacy
- wrongful life
- the welfare of future children
- sperm and egg cell donation
- eugenics and human enhancement
- the status of embryos and gametes

**Toetsvorm**
Paper and/or written exam (to be announced).

**Literatuur**
All literature will be made available online, and will include legal and philosophical academic literature, legal and political documents, policy reports, news articles and audiovisual materials.

**Vereiste voorkennis**
No special knowledge of law, philosophy or bioethics is required to be able to participate in this course. A basic knowledge of human rights and a keen interest in the contemporary dilemmas surrounding reproductive technologies are a plus.

**Doelgroep**
Because this course is also part of a university minor (Technology, Law and Ethics), it is open to students from various academic backgrounds.

Apart from regular students, the course is also available for:
- Students from other universities/faculties
- Exchange students
- Contractor (students who pay for one course)

**Philosophy and Neuroethics**

<table>
<thead>
<tr>
<th>Vakcode</th>
<th>W_BA_PNEU ()</th>
</tr>
</thead>
<tbody>
<tr>
<td>Periode</td>
<td>Periode 2</td>
</tr>
<tr>
<td>Credits</td>
<td>6.0</td>
</tr>
<tr>
<td>Voertaal</td>
<td>Engels</td>
</tr>
<tr>
<td>Faculteit</td>
<td>Faculteit der Geesteswetenschappen</td>
</tr>
<tr>
<td>Coördinator</td>
<td>dr. G. Meynen</td>
</tr>
<tr>
<td>Examinator</td>
<td>dr. G. Meynen</td>
</tr>
<tr>
<td>Docent(en)</td>
<td>dr. G. Meynen</td>
</tr>
<tr>
<td>Lesmethode(n)</td>
<td>Hoorcollege, Werkgroep</td>
</tr>
<tr>
<td>Niveau</td>
<td>200</td>
</tr>
</tbody>
</table>

**Inhoud vak**
In this course students are introduced to the most important schools of thought and key concepts in philosophical and ethical debates on the impact of neurotechnologies on society, more specifically, on healthcare and criminal law. Topics include: the problem of mind and brain, history and philosophy of neuroscience, and assessments of criminal responsibility in light of neuroscientific developments.

**Onderwijsvorm**
(Interactive) lectures
Robot Law and Artificial Intelligence

**Doel vak**
Robot Law and Artificial Intelligence focuses on the societal impact of technological constructs such as intelligent software, robots, drones and nano-bots. The student will learn and understand the profound influence that the autonomous and intelligent technological constructs may have on society, as well as the ethical consequences and legal implications thereof. The student will be able to develop an academic, sound judgement on the future of a robotic society from an ethical and legal perspective. The student will be able to analyze and critically evaluate the legal-ethical dimensions of issues relating to the use of intelligent software, robots, drones and nano robots.

**Inhoud vak**
For long Robots and Artificial Intelligence used to belong to science fiction movies and stories as well as was discussed in theoretical academic and popular articles. In recent years both Robots and Artificial Intelligence gradually but strongly is moving away from theory and entering our daily lives. This course focuses on those practical developments, and what role law and ethics play. We do not stick to present technology, but include profecies on how society may change in the not so far off future and what we can and should do about it.

**Onderwijsvorm**
Lectures and tutorials

**Toetsvorm**
Assignments

**Literatuur**
Made available via electronic learning environment, e.g. parts of Robot Law (2016) edited by Calo, Froomkin & Kerr
**Doelgroep**
Apart from regular students, the course is also available for:
- Students from other universities/faculties
- Contractor (students who pay for one course).