



# Computing Module

## Summer Semester 2022

Language of Instruction: English  
Last update: 7 October 2021

Please find a list of all eligible courses below. Course descriptions can be found on our [MCR<sup>1</sup>](#), [MCS<sup>2</sup>](#) and [DSOEK<sup>3</sup>](#) websites. Please note that the list might be subject to alterations.

Subject Code	Subject	Semester	ECTS credits
MCS	Computer Science – Data Science (ILV)	2	5
MCS	Legal Aspects of Research (ILV)	2	2
MCS	Research Ethics (ILV)	2	1
MCS	Sources of Innovation (ILV)	2	2
MCS	Systematic Innovation (ILV)	2	3
MCS	Writing in Technical Disciplines and Research (ILV)	2	5
MCR	Application Security and Pentesting (ILV)	2	5
MCR	Digital Forensics and Incident Handling (ILV)* + Professional Report Writing (ILV)*	2	4 + 1
MCR	Leadership (ILV)	2	3
MCR	Complex Problem Solving (ILV)	2	2
MCR	Secure Networks (ILV)	2	5
MCR	Security Auditing (ILV)* + Audit Interview Skills (ILV)*	2	4 + 1
MCR	Threat Modeling & Information Sharing (ILV)	2	5
DSOEK	German Language	-	3
DSOEK	Scouting Austrian Culture	-	3
E <sup>3</sup> UDRES <sup>2</sup> FF	I Living Lab	-	6

\* Please note that these two subjects can only be taken together

**MCR = Master Cyber Security and Resilience.** For further information, please visit: <https://www.fhstp.ac.at/de/studium-weiterbildung/informatik-security/cyber-security-and-resilience/studieninhalte#/>

**MCS = Master Applied Research and Innovation in Computer Science.** For further information, please visit: <https://www.fhstp.ac.at/de/studium-weiterbildung/informatik-security/applied-research-and-innovation-in-computer-science/studieninhalte#/>

**DSOEK = Courses in German language and Austrian culture.** For further information and course descriptions, please visit <https://www.fhstp.ac.at/en/international/incoming-students/german-language-classes>

**E<sup>3</sup>UDRES<sup>2</sup> FF** = Optional interdisciplinary subject within framework of the E<sup>3</sup>UDRES<sup>2</sup> European University Alliance. For course description see page 3.

## E<sup>3</sup>UDRES<sup>2</sup> – I Living Lab

<b>Description</b>	<p>Would you like to actively shape the future?</p> <p>Then you should be part of the E<sup>3</sup>UDRES<sup>2</sup> I Living Lab. With a focus on "Smart &amp; Sustainable Regions", the innovative Design Thinking Lab of the European University offers the framework for an intensive examination of socially relevant topics. Together with regional stakeholders and students from E<sup>3</sup>UDRES<sup>2</sup> partner universities, you will develop innovative solutions for relevant challenges. Along the way, you will gain essential future skills and international competences such as</p> <ul style="list-style-type: none"><li>- personal growth</li><li>- intercultural competence</li><li>- language skills</li><li>- global engagement</li><li>- international disciplinary learning.</li></ul>
<b>Workload</b>	6 ECTS, 30 credit hours per semester
<b>Costs</b>	Free of charge
<b>Target group</b>	As it is an interdisciplinary Lab, students from all study programmes are invited to participate.
<b>Prior knowledge</b>	No specific requirements.
<b>More information</b>	If you want to know more about E <sup>3</sup> UDRES <sup>2</sup> , have a look at <a href="https://eudres.eu/">https://eudres.eu/</a>

**E<sup>3</sup>UDRES<sup>2</sup>**  
Engaged and Entrepreneurial European University as  
Driver for European Smart and Sustainable Regions

