

ANNEX 2 – COURSE DESCRIPTION

<b>Course title</b>	<b>Law and Artificial Intelligence</b>			
<b>Course code</b>	<b>LAW-411</b>			
<b>Course type</b>	<b>Elective</b>			
<b>Level</b>	<b>Undergraduate</b>			
<b>Year / Semester</b>	4 <sup>th</sup> /G			
<b>Teacher's name</b>	Lambros Kaoullas, Afxentis Afxentiou			
<b>ECTS</b>	6	<b>Lectures / week</b>	3 hours per week	<b>Laboratories / week</b>
<b>Course purpose and objectives</b>	<p>The main objectives of the course are:</p> <ul style="list-style-type: none"> <li>• To understand what artificial intelligence is and how it works.</li> <li>• To examine if artificial intelligence affects rights and legal interests.</li> <li>• Whether the law should regulate issues of artificial intelligence operations.</li> <li>• To study the relationship between justice and artificial intelligence. Can the latter replace a judge?</li> <li>• To examine contemporary ethical issues arising from the use of artificial intelligence.</li> <li>• To analyse the dynamics arising from the use of artificial intelligence and issues that arise in the fields of cybersecurity, intellectual property protection, personal data protection, and privacy.</li> <li>• To study the existing legal framework and develop critical thinking skills in matters of artificial intelligence and law.</li> </ul>			
<b>Learning outcomes</b>	<p>Upon completing the course, students are expected to:</p> <ul style="list-style-type: none"> <li>• Understand the basic concepts related to artificial intelligence and how it operates.</li> <li>• Be familiar with the tools used in artificial intelligence, such as Generative Artificial Intelligence and Large Language Models, as well as the legal issues arising from their use.</li> <li>• Know and be able to apply the existing legal framework of the European Union, which is applicable to issues of artificial intelligence.</li> </ul>			

	<ul style="list-style-type: none"> <li>• Comprehend the ethical and legal issues that arise from the use of artificial intelligence.</li> <li>• Develop critical skills on matters related to the application of artificial intelligence and its relation to law.</li> <li>• Develop the ability to analyze and identify the social and other consequences of using artificial intelligence and the role law has to play.</li> <li>• Identify cases where fundamental rights are affected by the use of artificial intelligence.</li> <li>• Understand the challenges that emerge with the use of artificial intelligence.</li> <li>• Acquire basic scientific knowledge on issues of artificial intelligence that will enable future academic research and practical application.</li> <li>• Provide legal advice on issues arising from the application of artificial intelligence.</li> </ul>		
<b>Prerequisites</b>	None	<b>Required</b>	None
<b>Course content</b>	<p>Introduction to Artificial Intelligence. Concepts, definitions, and categories of artificial intelligence.</p> <p>How it operates and the basic tools of artificial intelligence.</p> <p>Law and artificial intelligence. Issues of regulation, necessity, and regulatory models.</p> <p>The current legal framework of the European Union for artificial intelligence. Liability from the use of artificial intelligence.</p> <p>Artificial intelligence and justice. Artificial intelligence as a judge?</p> <p>Democracy and artificial intelligence. Digital constitutionalism and fundamental rights.</p> <p>Intellectual property, privacy, and artificial intelligence.</p> <p>Ethical aspects of artificial intelligence. Protection of human dignity, security, and data management. Artificial intelligence and health.</p>		
<b>Teaching methodology</b>	<p>Lectures with the aid of slides and with encouragement of active participation and dialogue, assignments, and presentations.</p> <p>Presentation of judicial decisions.</p> <p>Case studies/examples. Solving practical problems</p>		
<b>Bibliography</b>	<p>B. Custers/E. Fosch-Villaronga (eds.), Law and Artificial Intelligence (Springer, 2022).</p>		

	<p>J. D. Bruyne/C. Vanleenhove, <i>Artificial Intelligence and the Law</i> (Intersentia, 2021).</p> <p>E. J. Swan, <i>Artificial Intelligence Law</i> (Kluwer Law International, 2024).</p> <p>W. Barfield/U. Pagallo, <i>Research Handbook on the Law of Artificial Intelligence</i> (Edward Elgar Publishing, 2022).</p> <p>R. Abbott (ed.), <i>Research Handbook on Intellectual Property and Artificial Intelligence</i> (Edward Elgar Publishing, 2022).</p> <p>G. I. Zekos, <i>Advanced Artificial Intelligence and Robo-Justice</i> (Springer 2022).</p> <p>K. B. Forrest, <i>When Machines can be Judg, Jury, and Executioner: Justice in the age of Artificial Intelligence</i>, (World Scientific, 2021)</p> <p>G. I. Zekos, <i>Political, Economic and Legal Effects of Artificial Intelligence: Governance, Digital Economy and Society (Contributions to Political Science)</i>, (Springer 2022).</p> <p>N. Rébé (ed.), <i>Artificial Intelligence: Crime, War, and Justice</i> (Ethics International Press, 2023).</p> <p>G. Zekos, <i>Internet &amp; Artificial Intelligence in Greek Law</i> (Sakkoulas 2022).</p> <p>S. Vlachopoulos, <i>The 'Selfish Gene' of Law and the Law of Artificial Intelligence, From Anthropocentrism to Ecocentrism and Smart Algorithms</i> (Eurasia, 2023)</p>
<b>Assessment</b>	<p>Assignment/Presentation: 30%</p> <p>Participation: 10%</p> <p>Final Examination: 60%</p>
<b>Language</b>	<p>Greek</p>