

TUTORIAL COURSE FORM – 2025-2026 ACADEMIC YEAR

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| Name of the tutorial course (Erasmus/exchange students) | The theory of Artificial Intelligence for Business |
| Professor | Names: PAVALOIA DANIEL Office B303 Email danpav@uaic.ro |
| Semester in which the tutorial course is available | 2 |
| No. of ECTS credits | 3 |
| Level of study | Undergraduate and Graduate |
| Short description/Contents | The students will become familiar with the concept of Artificial intelligence and its wide applications in the business sector such as: Robotics, Neural networks, Intelligent systems, Genetic algorithm systems, Fuzzy systems and Semantic web. |
| Assessment | 100% theory exam |
| Bibliography | Main readings : <ol style="list-style-type: none"> 1. Păvăloaia, V.D., Necula, S., Artificial Intelligence for Business, LAP LAMBERT Academic Publishing, 2020 https://tinyurl.com/yzrcuzb2 2. S. Russell, P. Norvig. Artificial Intelligence: A Modern Approach (3rd ed.). Prentice Hall, 2010, ISBN 978-0136042594 3. Yusuke Sugomori et al., Deep Learning: Practical Neural Networks with Java, Packt 2017 |
| Observations | The discipline is taught in the 1 st semester in the Software Development and Business Information Systems master program. Thus, Erasmus students from the 1 st semester can enrol in that class. Only in the 2 nd semester the course can be taken as a tutorial course. |