



UNIVERSITETI  
**BARLETI**

**FACULTY OF APPLIED SCIENCES AND CREATIVE INDUSTRIES**

**APPROVED**

**DEAN**

*Prof. Dr. Aleksandër Xhuvani*

**RECTOR**

*Prof. Dr. Suzana Guxholli*

**CURRICULA**

**Master of Science in "Artificial Intelligence and Cyber Security"**

**(Full time)**

**Tiranë, 2024**

<b>Curricula: Master of Science in "Artificial Intelligence and Cyber Security" - Year I</b>		
No.	Course	Module
1	Deep learning	Deep learning
2	Philosophy and Ethics	Philosophy and Ethics
3	Applied Cryptography	Applied Cryptography
4	Security and privacy in machine learning	Security and privacy in machine learning
5	Advanced network security	Advanced network security
6	Applied machine learning	Applied machine learning
7	Law and technology	Law and technology
8	Statistical machine learning	Statistical machine learning
9	Human-Centered Security and AI	Human-Centered Security and AI
10	Cloud computing	Cloud computing

**Curricula: Master of Science in "Artificial Intelligence and Cyber Security" - Year II**

No.	Course	Module
11	Machine learning in practice	Machine learning in practice
12	Natural computing	Natural computing
13	Physical Attacks on Secure Systems	Physical Attacks on Secure Systems
14	Internet and privacy	Internet and privacy
15	Blockchain and applications	Blockchain and applications
16	Professional practice	Professional practice
17	Final examination	Final examination