Master's Program in Data Science – Interdisciplinary Electives

Computer Networks

Students must decide for **one** specific area within the Interdisciplinary Electives and attend at least two courses worth 8-12 credits within this area.

The interdisciplinary elective Networks offers an in-depth education of computer networks. Students have an opportunity to develop hands-on skills and theoretical expertise in network architecture, protocols, Internet, clusters and data-centers, topologies, software-defined networks, flow control.

Recent trends have shown that Data Science and Machine Learning techniques are playing an increasing role in the design and optimization of networks.

Number	Title	Credits	Semester	Language
252-1411-00L	Security of Wireless Networks	6	autumn	EN
263-4640-00L	Network Security	8	autumn	EN
227-0575-00L	Advanced Topics in Communication Networks	6	autumn	EN
263-4509-00L	Complex Network Models	5	spring	EN

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