

1. Base Knowledge

- 11 - [Advanced Mathematics for Telecommunications and Networks](#)
- 12 - [Digital Communication Systems](#)
- 13 - [Advanced Internet Technologies and Infrastructures](#)
- 14 - [Hardware/Software Systems Design Frameworks and Methodologies](#)

2. Applications and Services

- 21 - [Principles of Security Systems](#)
- 22 - [Voice and Video over Networks](#)
- 23 - [Technology Entrepreneurship](#)
- 24 - [Advanced Multimedia Systems](#)

3. Advanced Telecom infrastructures

- 31 - [Principles of Wireless Communications](#)
- 32 - [Advanced Wireless Networks and systems](#)
- 33 - [Broadband Network Technologies](#)
- 34 - [Queuing Theory and Network Traffic Engineering](#)

4. Service Oriented Hardware/Software Systems

- 41 - [Distributed Software Technologies](#)
- 42 - [Mobile Application Frameworks and Services](#)
- 43 - [Embedded System Design](#)
- 44 - [DSP and Hardware Design](#)