

Implementation of Master's degree

Miroslav Vozňák

Department of Telecommunications

Faculty of Electrical engineering and Computer Science

VŠB-Technical University of Ostrava

17. listopadu 15/2172, 708 33 Ostrava-Poruba, Czech Republic

voznak@ieee.org

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Study plan - 1st semester

Study plan – FEI / N2647 / 2612T059 / en

Field of study 2612T059 - **Mobile Technology**

Type of study **Follow-up Master**

Form of study Full-time English

1. Semester Type of duty: Compulsory

420-4008/02 Safety in Electric Engineering

440-4106/04 Voice over IP

440-4116/02 Radio Networks II

440-4213/02 Networks Modelling

470-4116/04 Selected Parts of Mathematical Analysis

Study plan - 1st semester

Type of duty: Optional

440-4114/02 Optical Communications I

450-4054/02 Measurement in Telecommunications

460-4065/02 Theoretical Computer Science

460-4079/02 Digital Image Processing

460-4081/02 Routed and Switched Networks

460-4082/02 Computer Systems

460-4086/02 Biologically Inspired Algorithms

Study plan - 2nd semester

Type of duty: Compulsory

440-4107/02 Diploma Project I

440-4113/02 Security in Communications

460-4084/02 Operating Systems of Mobile Devices

470-4405/02 Probability and Statistics

Type of duty: Optional

420-4012/02 Wave Propagation and Antennas

440-4115/02 Optical Communications II

460-4077/02 Testing and Software Quality

460-4080/02 Image Analysis I

460-4085/02 Advanced Computer Networks Technologies

460-4094/02 Internet Technologies

460-4103/02 Signal Analysis and Compression

460-4113/02 UNIX systems management

Study plan - 3rd semester

Type of duty: Compulsory

440-4201/02 Diploma Project II

440-4214/02 Practice in Communication Networks II

460-4111/02 Mobile Computing

Type of duty: Optional

440-4102/02 Digital Signal Processing

440-4208/02 Telecommunication Terminal Equipments

440-4211/02 Optical Atmospheric Communications

440-4215/02 Optical Communications III

440-4220/02 Advanced Network Technologies

460-4074/02 Methods of Analysis of Textual Data

460-4119/02 Software Process

470-4406/02 Selected topics in probability and statistics

Study plan - 4st semester

Type of duty: Compulsory

440-4209/02 Diploma Project III

Type of duty: Optional

440-4216/02 Radiocommunications Engineering II

440-4210/02 Multimedia Technique

440-4212/02 Communication Systems in Corporate Networks

460-4046/03 Cryptography and Computer Security

460-4058/02 Multimedia Data Processing

460-4109/02 Geographic Information Systems

152-0370/01 Fundamentals of Business Economics

Individual Programme proposals

In order to discuss individual study programme proposals I will need presentations from today, pls. mail to: **voznak@ieee.org** , then I am ready to provide you my opinion.

Common Steps

- we define a profile of graduated students, what we expect and what expect companies where they will be employed
- guarantor of study programme is responsible for proposal
- negotiation in department, in faculty and finally presentation to Research Council of Faculty and submission of study programme to Accreditation Committee

Thanks for your attention

