Recomended pass through the study plan

Name of the pass: Branch Communications and Signal Processing - Passage through study

Faculty/Institute/Others:

Department:

Pass through the study plan: Open Electronic Systems - Communications and Signal Processing

Branch of study guranteed by the department: Welcome page

Guarantor of the study branch: Program of study: Welcome page Type of study: unknown full-time

Note on the pass:

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L): KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

Number of semester: 1

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
BEEZM	Safety in Electrical Engineering for a master's degree Vladimír K la, Ivana Nová, Josef ernohous, Radek Havlí ek Radek Havlí ek Vladimír K la (Gar.)	Z	0	2BP+2BC	Z	Р
AE8M01ADP	Algorithms for Distributed and Parallel Systems	Z,ZK	5	3+1c	1	PO
AE8M32AQT	Applied Queueing Theory	Z,ZK	6	3P + 1C	Z	PO
AE8M32NOP	Network Optimization	Z,ZK	5	4P + 0C	Z	PO
AE8M37WDC	Wireless Digital Communications	Z,ZK	5	4P+0C	Z	PO
MOESEVOL	5 1	Min. cours.	Min/Max			.,
	Elective subjects	0	0/999			V

Number of semester: 2

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
AE8M31APS	Audio Processing and source coding	Z,ZK	5	4P	L	РО
AE8M37CDC	Coding in Digital Communications	Z,ZK	5	4P+0C	L	PO
AE8M37CSL	Communications and Signal Processing Laboratory	Z	2	0P+2C	L	РО
MOESEVOL	Elective subjects	Min. cours.	Min/Max 0/999			V
MOESEH	Humanities subjects AE0M16HT2,AE0M16Fl2, (see the list of groups below)	Min. cours.	Min/Max 4/22			V

Number of semester: 3

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
AE8M32AVL	Audio-Video Processing Lab	Z	2	0P + 2L	Z	PO
AE8M37RSY	Radio Systems	Z,ZK	5	4P+0L	Z	РО
AE8M32VPS	Video processing and source coding	Z,ZK	5	4P + 0C	Z	РО

MOESEVOL	Florities subjects	Min. cours.	Min/Max	.,
MOESEVOL	Elective subjects	0	0/999	V

Number of semester: 4

Code

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
ADIP25	Diploma Thesis	Z	25	36s	L	Р
MOESEVOL	Elective subjects	Min. cours.	Min/Max			V
		0	0/999			V

List of groups of courses of this pass with the complete content of members of individual groups

Kód		Name of the group of courses and codes of members of this group (for specification see here or below the list of courses)			Com	pletion	Credi	ts Scope	Semester	Role
MOES	EH	Humanities subjects		Min.	cours.	Min/M 4/22			V	
AE0M16HT2	History of s	science and technolog	AE0M16FI2	Philosophy II		AE0M16	MPS	Psychology		
A003TV	Physical E	ducation	AE0M16TE1	Theology			,			
MOESE	VOL		Elective sub	jects	Min.	cours.	Min/M 0/99			V

List of courses of this pass:

Completion Credits

Name of the course

A003TV	Physical Education	Z	2
ADIP25	Diploma Thesis	Z	25
Independent final	comprehensive work for the Master's degree study programme. A student will choose a topic from a range of topics related to his or I	ner branch of study	y, which will
be specified b	by branch department or branch departments. The diploma thesis will be defended in front of the board of examiners for the compreh	ensive final exami	nation.
AE0M16FI2	Philosophy II	Z,ZK	4
	The course is oriented on the transdisciplinar aspects of philosophy, informatics, physics, mathematics and biology.		
AE0M16HT2	History of science and technology 2	Z,ZK	4
	historical developments in electrical engineering branches in the world and in the Czech Lands. Its ultimate goal is to stimulate students		
traditions of the sul	oject, while highlighting the developments in technical education and professional organizations, the process of shaping scientific life	and the influence	of technical
	engineers	1	
AE0M16MPS	Psychology	Z,ZK	4
AE0M16TE1	Theology	Z,ZK	4
This subject provide	les to students the basic orientation in christian theology and requires no special previous education. After short philosophic lecture	he basic theologic	disciplines
are gone through. T	he subject is determined not only to believer students who want to know the reliable theologic grounding but also above all to ones wh	o want to get know	Christianity
	- religion from which graws our civilization up.		
AE8M01ADP	Algorithms for Distributed and Parallel Systems	Z,ZK	5
AE8M31APS	Audio Processing and source coding	Z,ZK	5
AE8M32AQT	Applied Queueing Theory	Z,ZK	6
	ourse is to present an overlook of dimensioning of service systems in telecommunications networks on the basis of results of the que	• • • • •	
1.	lation and modelling service systems and its networks both from the point of view of grade of service GoS and quality of service QoS		
on different service	e systems and telecommunication networks deploying and operating at time being. It is shown that models derived for telecommunication for dimensioning of service systems in real life.	ations systems car	ı be utilized
AE8M32AVL	Audio-Video Processing Lab	Z	2
AE8M32NOP	Network Optimization	Z,ZK	5
AE8M32VPS	Video processing and source coding	Z,ZK	5
AE8M37CDC	Coding in Digital Communications	Z,ZK	5
AE8M37CSL	Communications and Signal Processing Laboratory	Z	2
AE8M37RSY	Radio Systems	Z,ZK	5
AE8M37WDC	Wireless Digital Communications	Z,ZK	5

BEEZM Safety in Electrical Engineering for a master's degree Z 0

The course provides for students of all programs periodic training guidelines for health and occupational safety and gives knowledge of electrical hazard of given branch of study.

Students receive indispensable qualification according to the current Directive of the Dean.

For updated information see http://bilakniha.cvut.cz/en/FF.html Generated: day 2025-10-25, time 07:45.