### Recomended pass through the study plan

## Name of the pass: Branch RF and DSp Engineering - Passage through study

Faculty/Institute/Others:

Department:

Pass through the study plan: Open Electronic Systems - RF and DSP Enginnering

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.)		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
AE8M37MAM	Microprocessors&Microcomputers	Z,ZK	7	4P+2C	Z	PO
AE8M17OTT	Optical&THz Techniques	Z,ZK	3	2P+0L	Z	PO
AE8M17ROL	RF and Optical Engineering Lab	Z	5	0P+4L	Z	PO
AE8M17RFB	RF Blocks Technology	Z,ZK	7	6P+0L	Z	PO
MOESEVOL	Elective cubicate	Min. cours.	Min/Max			V
	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
AE8M17AEC	Antennas and EMC	Z,ZK	5	3P+1L	L	РО
AE8M37CAD	CAD and Numerical Methods in RF Engineering	KZ	3	2P+0C	L	РО
MOESEVOL	Elective subjects	Min. cours.	Min/Max			V
		0	0/999			V
MOESEH	Humanities subjects AE0M16HT2,AE0M16Fl2, (see the list of groups below)	Min. cours.	Min/Max			V
MOESETT		1	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
AE8M37ART	Architectures of Rx/Tx Systems	Z,ZK	5	4P+0L	Z	РО
AE8M37RML	Radio Systems Measurement lab	Z	5	0P+4L	Z	РО
AE8M17WCP	Wireless Channels&Propagation	Z,ZK	5	4P+0C	Z	РО
MOESEVOL	Elective subjects	Min. cours.	Min/Max			V
		0	0/999			V

Number of semester: 4

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			
		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	Credits	Scope	Semester	Role	
MOES	SEH	Н	Humanities subjects		Min.	cours.	Min/Ma: 4/22	x		V
AE0M16HT2	History of s	science and technolog	AE0M16FI2	Philosophy II		AE0M16	MPS P	sychology		
A003TV	Physical E	ducation	AE0M16TE1	Theology			,			
MOESE	VOL		Elective sub	jects	Min.	cours.	Min/Ma 0/999	K		V

## List of courses of this pass:

Code	Name of the course	Completion	Credits
A003TV	Physical Education	Z	2
ADIP25	Diploma Thesis	Z	25
Independent final of	comprehensive work for the Master's degree study programme. A student will choose a topic from a range of topics related to his or	her branch of study	, which will
be specified b	y 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
This subject traces	historical developments in electrical engineering branches in the world and in the Czech Lands. Its ultimate goal is to stimulate stud	ents' interest in the	history and
traditions of the sub	oject, while highlighting the developments in technical education and professional organizations, the process of shaping scientific life	and the influence	of technical
	engineers		
AE0M16MPS	Psychology	Z,ZK	4
AE0M16TE1	Theology	Z,ZK	4
This subject provid	les to students the basic orientation in christian theology and requires no special previous education. After short philosophic lecture	the 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
	<ul> <li>religion from which graws our civilization up.</li> </ul>		
AE8M17AEC	Antennas and EMC	Z,ZK	5
AE8M17OTT	Optical&THz Techniques	Z,ZK	3
AE8M17RFB	RF Blocks Technology	Z,ZK	7
AE8M17ROL	RF and Optical Engineering Lab	Z	5
AE8M17WCP	Wireless Channels&Propagation	Z,ZK	5
The aim of the cou	rse is to provide deep knowledge of the wireless propagation channel in real environments for the planning of terrestrial and satellite	wireless links. It w	ill include a
theoretical backgr	ound for the radiowave propagation in the atmosphere of the Earth as well as design procedures recommended by ITU-R for select	ed applications, su	ch as both
	terrestrial and satellite, fixed and mobile links in various frequency bands.		
AE8M37ART	Architectures of Rx/Tx Systems	Z,ZK	5
AE8M37CAD	CAD and Numerical Methods in RF Engineering	KZ	3
AE8M37MAM	Microprocessors&Microcomputers	Z,ZK	7
AE8M37RML	Radio Systems Measurement lab	Z	5
BEEZM	Safety in Electrical Engineering for a master's degree	Z	0
The course provi	des for students of all programs periodic training guidelines for health and occupational safety and gives knowledge of electrical haz	ard of given branch	of study.
	Students receive indispensable qualification according to the current Directive of the Dean.		

For updated information see <a href="http://bilakniha.cvut.cz/en/FF.html">http://bilakniha.cvut.cz/en/FF.html</a> Generated: day 2025-10-22, time 03:12.