

## Substituting of MSc Electrical Engineering subjects

Previous Main Specialization Subject		
Subject Code	Subject Title	Semester
<b>Embedded Systems main specialization (AUT-IIT-MIT)</b>		
<a href="#">BMEVHIMA09</a>	Artificial Intelligence Based Contro	spring
<a href="#">BMEVIMIMA09</a>	Software Technology for Embedded Systems	spring
<a href="#">BMEVHIMA07</a>	Computer Vision Systems	spring
<a href="#">BMEVIAUMA09</a>	Development of Software Applications	fall
<a href="#">BMEVIMIMA11</a>	Design and Integration of Embedded Systems	fall
<a href="#">BMEVHIMA11</a>	Control Engineering and Image Processing Laboratory	fall
<a href="#">BMEVIAUMB03</a>	Applied Computer Systems Laboratory	fall
<b>Multimedia Systems and Service main specialization (HIT-TMIT)</b>		
<a href="#">BMEVIHIMA07</a>	Mobile and Wireless Networks	spring
<a href="#">BMEVIHVMA01</a>	Broadband Wireless Telecommunication and Broadcasting Systems	spring
<a href="#">BMEVIHIMA08</a>	Foundations of Multimedia Technologies	spring
<a href="#">BMEVIHIMA09</a>	Networked Multimedia Systems and Services	fall
<a href="#">BMEVITMMA08</a>	Media Informatics Systems	fall
<a href="#">BMEVIHIMA10</a>	Laboratory on Multimedia Systems and Services 1	fall
<a href="#">BMEVIHIMB02</a>	Laboratory on Multimedia Systems and Services 2	spring
<b>Electric Power Systems main specialization (VET)</b>		
<a href="#">BMEVIVEMA01</a>	Power System Operation and Control	spring
<a href="#">BMEVIVEMA02</a>	Electrical Systems of Sustainable Energetic	spring
<a href="#">BMEVIVEMA03</a>	Power System Transients	spring
<a href="#">BMEVIVEMA04</a>	Protection Systems and Measurement Technology	fall
<a href="#">BMEVIVEMA05</a>	Electric Energy Market	fall
<a href="#">BMEVIVEMA06</a>	Power Systems Laboratory 1	fall
<a href="#">BMEVIVEMB00</a>	Power Systems Laboratory 2	spring

Substituting subject	
Subject code	Subject Title
<a href="#">BMEVHIMB06</a>	Artificial Intelligence Based Control
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
<a href="#">BMEVIMIMB07</a>	Safety Critical Embedded Systems
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
<a href="#">BMEVIHIMA16</a>	Advanced Mobile and Wireless Networks
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
<a href="#">BMEVIVEMA15</a>	Power Systems Operation and Control
	CANNOT BE SUBSTITUTED
<a href="#">BMEVIVEMB04</a>	Power System Transients
<a href="#">BMEVIVEMA17</a>	Protection Systems and Measurement Technology
<a href="#">BMEVIVEMB05</a>	Electric Energy Market
<a href="#">BMEVIVEMA16</a>	Power Systems Laboratory 1
<a href="#">BMEVIVEMB03</a>	Power Systems Laboratory 2

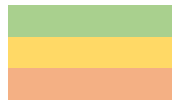
Previous Secondary Specialization Subject		
Subject Code	Subject Title	Semester
<b>Smart City secondary specialization (TMIT)</b>		
<a href="#">BMEVITMMA09</a>	Sensor Networks and Applications	spring
<a href="#">BMEVITMMA10</a>	Intelligent Transportation Systems	fall
<a href="#">BMEVITMMA11</a>	Human-Computer Interaction	fall
<a href="#">BMEVITMMB04</a>	Smart City Laboratory	spring
<b>Optical Communication secondary specialization (HVT)</b>		
<a href="#">BMEVIHVMA05</a>	Optical Networks Elements	spring
<a href="#">BMEVIHVMA06</a>	Optical Systems and Applications	fall
<a href="#">BMEVITMMA12</a>	Optical Networking Architectures	fall
<a href="#">BMEVIHVMB03</a>	Optical Networks Laboratory	spring

Substituting subject	
Subject Code	Subject Title
<a href="#">BMEVITMMA15</a>	Smart City Infocommunication Technologies
<a href="#">BMEVITMMA16</a>	Smart City Services and Applications
	CANNOT BE SUBSTITUTED
<a href="#">BMEVITMMB09</a>	Smart City Laboratory
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED
	CANNOT BE SUBSTITUTED

## Substituting of MSc Electrical Engineering subjects

Previous Advanced Mathematics, Common Subject or Natural Science Subject			Substituting subject	
Subject Code	Subject Title	Semester	Subject Code	Subject Title
<b>Advanced Mathematics</b>				
<a href="#">BMETE90MX54</a>	Advanced Linear Algebra	spring	<a href="#">BMETE90MX78</a>	Advanced Linear Algebra
<a href="#">BMEVISZMA06</a>	Combinatorial Optimization	spring	<a href="#">BMEVISZMA09</a>	Combinatorial Optimization
<a href="#">BMETE90MX55</a>	Stochastics	fall	<a href="#">BMETE90MX80</a>	Stochastics
<b>Common Subjects</b>				
<a href="#">BMEVIHVMA07</a>	Communication Theory	spring	<a href="#">BMEVIHVMA18</a>	Communication Theory
<a href="#">BMEVIMIMA17</a>	Measurement Theory	spring	<a href="#">BMEVIMIMA23</a>	Measurement Theory
<a href="#">BMEVIVEMA13</a>	Alternating Current Systems	spring		CANNOT BE SUBSTITUTED
<b>Natural Science Subjects</b>				
<a href="#">BMETE11MX33</a>	Physics 3	spring		CANNOT BE SUBSTITUTED
<a href="#">BMEVIHVMA08</a>	Electromagnetic Fields	fall		CANNOT BE SUBSTITUTED
<a href="#">BMEVIETMA06</a>	Photonics Devices	fall	<a href="#">BMEVIETMA13</a>	Photonics Devices
<a href="#">BMEVIVEMA14</a>	Electrical Insulations and Discharges	fall	<a href="#">BMEVIVEMA19</a>	Electrical Insulations and Discharges

Colour coding:



Substituting subject in the same semester

Substituting subject on different semester

Cannot be substituted