

First Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
HF-B02	Foreign language	compulsory	6
IPF-B01	Mathematics	compulsory	6
HFS-B02	Sustainable development	compulsory	6
PHY 105	Physics	compulsory	6
CHM	Chemistry	compulsory	6
Second Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
CNG	Introduction to C Programming	compulsory	6
MAT	Basic Linear Algebra	compulsory	6
MAT	Calculus for Functions of Several Variables	compulsory	6
ENGL	Development of Reading and Writing Skill	compulsory	6
MAT	Differential Equations	compulsory	6
Third Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
EEE 201	Circuits Theory	compulsory	6
EEE 201	Restricted Elective	compulsory	6
CNG	Algorithms and Data Structures	compulsory	6
ENGL	Academic Oral Presentation Skills	compulsory	6
EEE 224	Electromagnetic Theory	compulsory	6
Fourth Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
EEE 361	Electromechanical Energy Conversion	compulsory	6
EEE 303	Electromagnetic Waves	compulsory	6
EEE 212	Semiconductor Devices and Modeling	compulsory	6
EEE	Logic Design	compulsory	6
EEE 301	Signals and systems	compulsory	6

Fifth Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
EEE 347 / CNG	Introduction to Microprocessors	compulsory	6
EEE 302	Feedback Systems	compulsory	6
EEE 312	Electronics	compulsory	6
EEE 330	Probability and Random Variables	compulsory	6
EEE 330	Non-Technical Elective	compulsory	6
Sixth Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
MAT 119 (a)	Calculus with Analytic Geometry	compulsory	6
	Statistics for Economists	compulsory	6
CNG 100	Principles of Econometrics-1	compulsory	6
	Economic History	compulsory	6
EEE 212	Semiconductor Devices and Modeling-2	compulsory	6
Seventh Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
	World Economy	compulsory	6
	Eco friendly equipment	compulsory	6
CNG 102	Info. Systems and Programs	compulsory	6
CNG 100	Principles of Econometrics-2	compulsory	6
	Green building	compulsory	6
Eighth Semester			
Code	Name of the lesson	compulsory/arbitrary	Credit
	Thesis		30
	Thesis		30