

FOURTH YEAR	1ST SEMESTER				2ND SEMESTER			
	CODE	COURSE	PRE- or CO-REQ	CR.	CODE	COURSE	PRE- or CO-REQ	CR.
	ININ 4015	ENGINEERING ECON ANAL	MATE 3032	3	INME 4045	GEN THERMODYN FOR ENGINEERING	QUIM 3134,3132 o QUIM3002, FISI3172	3
	INEL ____	ELECTIVE BREADTH	SEE TABLE BELOW	3	MATH/INGE	RECOMMENDED MATH	SEE TABLE BELOW	3
	INEL ____	ELECTIVE BREADTH	SEE TABLE BELOW	3	INEL 4406	ELECTRIC MACHINES LAB	INEL 4115, INEL 4103	1
	INEL 4505	INTR TO CONTROL SYSTEMS	INEL4102, MATE 4009	3	INEL ____	TECHNICAL ELECTIVE	SEE BROCHURE FOR AREAS	3
	INEL ____	ELECTIVE BREADTH	SEE TABLE BELOW	1	INEL ____	TECHNICAL ELECTIVE	SEE BROCHURE FOR AREAS	3
	FREE ELECTIVE			3	SOCIO-HUMANISTIC ELECTIVE			3
	TOTAL			16	TOTAL			16

FIFTH YEAR	1ST SEMESTER				2ND SEMESTER			
	CODE	COURSE	PRE- or CO-REQ	CR.	CODE	COURSE	PRE- or CO-REQ	CR.
	INEL ____	TECHNICAL ELECTIVE	SEE BROCHURE FOR AREAS	3	INEL 5195	DESIGN PROJECT ELECTR ENG	DIR	3
	INEL ____	TECHNICAL ELECTIVE	SEE BROCHURE FOR AREAS	3	INEL ____	TECHNICAL ELECTIVE	SEE BROCHURE FOR AREAS	3
	SOCIO-HUMANISTIC ELECTIVE			3	SOCIO-HUMANISTI C ELECTIVE			3
	SOCIO HUMANISTIC ELECTIVE			3	SOCIO-HUMANISTI C ELECTIVE			3
	FREE ELECTIVE			3	FREE ELECTIVE			3
	FREE ELECTIVE			3				
	TOTAL			18	TOTAL			15

RECOMMENDED MATH COURSES (3 CREDITS)			
(choose one course)			
CODE	COURSE	PRE- or CO-REQ	CR.
MATE 4061	NUMERICAL ANALYSIS I	MATE 3063, INGE 3016	3
INGE 4035	NUM METHD APPL ENGINEERING	MATE 3063, INGE 3016	3
MATE 4031	INTRO LINEAR ALGEBRA	MATE 3032	3
MATE 4010	INTRO COMPLEX VARIABLES	MATE 3063	3

ELECTRICAL ENGINEERING CURRICULUM

BREADTH COURSES (NOTE: choose 3 courses and 1 laboratory) (10 CREDITS)			
CODE	COURSE	PRE- or CO-REQ	CR.
INEL 4155	APPLIED ENG ELECTROMAGNETIC	INEL 4151, MATE 4009	3
INEL 4156	EMAG LAB	CO- INEL4152 o INEL 4155	1
INEL 4202	ELECTRONICS II	INEL 4201, INEL 4102	3
INEL 4212	ELECTRONICS LABORATORY II	INEL 4211, CO- INEL 4202	1
INEL 4405	ELECTRIC MACHINES	INEL 4103	3
INEL 4418	POWER ELECTRONICS LAB	CO-INEL4416	1
INEL 4301	COMMUNICATIONS THEORY I	INEL 4102, ININ4010	3

TECHNICAL COURSES (15 CREDITS)	
AREAS	CHOOSE ONE AREA <ul style="list-style-type: none">Complete 9 creditsThe other 6 credits can be outside the area See brochure for more information
ELECTRONICS	
COMMUNICATIONS	
CONTROL	
POWER	
RF SYSTEMS	