Undergraduate Program of Electronics - Foundational Sciences and Specialized Courses Curriculum Flow Chart Third Year First Year First Year Second Year Second Year Third Year Fourth Year Fourth Year First Semester Second Semester First Semester Second Semester First Semester Second Semester First Semester Second Semester Introductory Seminar of Introduction Electronic Systems Engineering Mathematics for Basic Calculus I Basic Calculus II Calculus I Calculus II Mathematical Statistics II Application Mathematics Linear Algebra I Linear Algebra II Mathematical Statistics I Applied Geometry I Applied Analysis II Exercises in Mathematics Exercises in Mathematics Analysis in Mathematical Applied Analysis I Applied Geometry II Sciences Basic Mechanics Mechanics Quantum Mechanics Physics xercises in Basic Statistical Thermophysics /lechanics troductory Laboratory aboratory Work in Basic _aboratory in Electronic Laboratory in Electronic Thesis Laboratory lectronic Systems Systems Éngineering I Systems Éngineering II Electronic Material lectronic Material Processes and Devices fo lectron Devices Science A Science B Integrated Circuits Devices lectronic Material Science ntroduction to Optoelectronics undamentals of Optics Optoelectronics Mathematical Methods in assical Electrodynamic Classical Electrodynami Plasma Science and IA and Exercise IIA and Exercise ectronics Engineering Electromagnetics Classical Electrodynami Electromagnetic IB and Exercise IIB and Exercise Microwave Circuits Electric Circuits lectric Circuits inear Circuit Analysis Digital Electronic Circuits Analog Electronic Circuit tegrated Circuits Exercises in Electric Exercise for Linear Circuit Exercise for Electronic Logic Design Computer Systems Analysis igital Signal Processing nformation Theory Control Engineering Digital Communications Communications/ Control System Planning Modeling for Numerical Programming Analyses Comprehensive Electric Energy Science Sensor Engineering Courses and Technology Required Elective Required Courses Elective Courses Courses