Table of Curriculum

※ Typically, students can take all the courses that are provided by the Depts. of Electrical Engineering, Computer Science, Physics, Chemistry, Materials Science & Engineering and Chemical & Biomolecular Engineering. The following courses are highly recommended.

Classification	Subject No.	Subject Name	Lecture:Lab.: Credit(Homework)	Semester
Elective Course	MS696	Special Topics in Advanced Materials I	3:0:3(6)	Fall
	EE561	Introduction to VLSI Devices	3:0:3(6)	Spring
	EE571	Advanced Electronic Circuits	3:0:3(6)	Spring
	EE661	Solid State Physics	3:0:3(6)	Spring
	EE676	Analog Integrated Circuits	3:0:3(6)	Fall
	EE678	Digtal Integrated Circuits	3:0:3(6)	Fall
	EE762	Advanced MOS Device Physics	3:0:3(6)	Fall
	PH611	Advanced Solid State Physics I	3:0:3(4,5)	Spring/Fall
	PH613	Semiconductor Physics	3:0:3(4,5)	Spring/Fall
	PH711	Physics of Magnetism	3:0:3(4,5)	Spring/Fall
	MS536	Thin Film Processing	3:0:3(3)	Spring
	MS635	Semiconductor Integrated Process Design	3:0:3(2)	Fall
	MS642	Electronic Packaging Technology	3:0:3(2)	Spring
	MS684	Principles of Semiconductor Devices	3:0:3(3)	Spring