

The Curriculum Table for Dept. of Media and Telecommunications Engineering

Grade	Semester	Required or Elective(*)	Subject Titles	Credits	
1st	1st	✓	Linear Algebra I	2	
			Introduction to Media and Telecommunications Engineering	2	
		✓	Electric Circuit Theory I	2	
	2nd			Linear Algebra II	2
				Vector Analysis	2
				Statistical Mathematics	2
		✓	Electric Circuit Theory II	2	
2nd	1st	✓	Applied Mathematics I	2	
			Mathematical Analysis I	2	
			Classical Mechanics	2	
		✓	Information Physics	2	
		✓	Electric Circuit Theory III	2	
			Basic Theory of Signal Processing	2	
		✓	Electromagnetism I	2	
		✓	Electromagnetism Exercise I	2	
		✓	Digital Circuit	2	
		✓	Programming I	2	
	2nd			Applied Mathematics II	2
				Mathematical Analysis II	2
				Quantum Mechanics	2
		✓	Electromagnetism II	2	
		✓	Electromagnetism Exercise II	2	
		✓	Analog Circuits I	2	
				Programming II	2
		✓	Computer I	2	
✓		Information Theory	2		
✓	Media and Telecommunications Experiments I	3			
3rd	1st		Statistical Physics	2	
			Introduction to Chemistry	2	
			Analog Circuits II	2	
			Electromagnetic Wave Engineering	2	
			Media and Telecommunications Engineering Internship	2	
			Communication Networks	2	
			Communication Theory	2	
			Optical Communications I	2	
			Man-Machine Systems Engineering	2	
			Computer II	2	
			Solid State Electronics	2	
			Semiconductor Electronics	2	
			Acoustic and Speech Signal Processing	2	
		Advanced Science and Engineering Topics	1		
	✓	Media and Telecommunications Experiments II	3		
	2nd			Digital Transmission and Systems	2
				Communication Systems	2
				Optical Communications II	2
				Biological and Artificial Information Processing	2
				Computer Networks	2
			Media Devices	2	
			LSI Design Exercise	2	
		Laser Engineering	2		
✓		Media and Telecommunications Experiments III	3		
4th	1st		Mobile Communications	2	
			Image and Information Processing	2	
			Computer Networks Exercise	2	
		✓	Media and Telecommunications Engineering Seminar	2	
	1st/2nd	✓	Research for Graduation	8	

* Checked subjects with ✓ are required ones.