

Admission of RNS in Special Term (May – Jul)
Computer Engineering

YEAR 1			
Special Term (May)	MCs		
GEM 1	4		
GEM 2	4		
Breadth 1	4		
Singapore Studies module	4		
Semester 1 (Aug)		Semester 2 (Jan)	MCs
MA1505 Mathematics I (Calculus)	4	MA1506 Mathematics II	4
CS1231 Discrete Structures	4	EE2006 Digital Design	4
EG1108 Electrical Engineering	3	MLE1101 Introductory Materials Science & Engineering	4
CS1101C Programming Methodology	4	CS1102C Data Structures & Algorithms	5
Breadth 2 (Level 1000 PC module – PC1432)	4	UEM 1 *	4
Total	35	Total	21
YEAR 2			
Semester 3 (Aug)		Semester 4 (Jan)	
EE2005 Electronics	4	EE2001 Project	6
EE2007 Microprocessor Systems	4	EE2012 Analytical Methods in ECE	4
EE2009 Signals	4	CS2103 Software Engineering	4
EG1413 Critical Thinking & Writing	4	UEM 3	4
UEM 2 *	4	UEM 4	4
Total	20	Total	22
YEAR 3			
Semester 5 (Aug)		Semester 6 (Jan)	
EE3001 Project (Technology Assessment)	4	EE4001 B.Eng. Dissertation	6
EE3204 Computer Communications Networks I	4	HR2002 Understanding Human Relations in the New Economy	3
EE3207 Computer Architecture	4	Breadth Technical Elective 2	4
EG1415 Engineering Professionalism	3	Breadth Technical Elective 3	4
Breadth Technical Elective 1	4	Breadth/Depth Technical Elective 4	4
Total	19	Total	21
YEAR 4			
Semester 7 (Aug)		Important:	
EE4001 B.Eng. Dissertation	6	* Students must take at least 8 MCs of business/management modules from a prescribed list. 1. The 28 MCs of electives for CPE and EE satisfying the EE/CPE Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites. 2. Students planning on going to IA should plan to take EE2001 in sem I of the third year of study (schedule V). 3. Accelerating students can take EE4001 when they achieve level 4 standing.	
Depth Technical Elective 5	4		
Depth Technical Elective 6	4		
Depth Technical Elective 7	4		
UEM 5	4		
Total	22		

Remark:

This schedule is subject to revision depending on the availability of modules in any semester. A student may also choose to deviate from this schedule if he/she finds that the workload is too heavy. But do note that any deviation from this schedule may mean that a student cannot complete in 8 semesters including the initial special term.

Admission of RNS in Special Term (May – Jul)

Electrical Engineering

YEAR 1			
Special Term (May)	MCs		
GEM 1	4		
GEM 2	4		
Breadth 1	4		
Singapore Studies module	4		
Semester 1 (Aug)		Semester 2 (Jan)	MCs
MA1505 Mathematics I (Calculus)	4	MA1506 Mathematics II	4
EG1108 Electrical Engineering	3	PC1432 Physics IIE	4
CS1101C Programming Methodology	4	CS1102C Data Structures & Algorithms	5
Breadth 2 (Level 1000 PC module – PC1431)	4	MLE1101 Introductory Materials Science & Engineering	4
EG1413 Critical Thinking & Writing	4	EE2005 Electronics	4
Total	35	Total	21
YEAR 2			
Semester 3 (Aug)		Semester 4 (Jan)	
EE2006 Digital Design	4	EE2004 Electronic Devices	4
EE2009 Signals	4	EE2007 Microprocessor Systems	4
EE2010 Systems & Control	4	EE2011 Engineering Electromagnetics	4
EE2012 Analytical Methods in ECE	4	EE3001 Project (Technology Assessment)	4
UEM 1 *	4	UEM 2 *	4
Total	20	Total	20
YEAR 3			
Semester 5 (Aug)		Semester 6 (Jan)	
EE2001 Project	6	EE4001 B.Eng. Dissertation	6
EG1415 Engineering Professionalism	3	HR2002 Understanding Human Relations in the New Economy	3
Breadth Technical Elective 1	4	Breadth Technical Elective 3	4
Breadth Technical Elective 2	4	Breadth/Depth Technical Elective 4	4
UEM 3	4	UEM 4	4
Total	21	Total	21
YEAR 4			
Semester 7 (Aug)			
EE4001 B.Eng. Dissertation	6		
Depth Technical Elective 5	4		
Depth Technical Elective 6	4		
Depth Technical Elective 7	4		
UEM 5	4		
Total	22		

Important:

- * Students must take at least 8 MCs of business/management modules from a prescribed list.
- 1. The 28 MCs of electives for CPE and EE satisfying the EE/CPE Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites.
- 2. Students planning on going to IA should plan to take EE2001 in sem I of the third year of study (schedule V).
- 3. Accelerating students can take EE4001 when they achieve level 4 standing.

Remark:

This schedule is subject to revision depending on the availability of modules in any semester. A student may also choose to deviate from this schedule if he/she finds that the workload is too heavy. But do note that any deviation from this schedule may mean that a student cannot complete in 8 semesters including the initial special term.