

# Computer Engineering

## Study Scheme

### Major Programme

#### 1. Students with associate degrees

Students are required to complete a minimum of 58/59 units of Major courses as follows (Notes):

- (i) Required Courses: 31 units  
 CEG3150, 3420, 3430, 3470, 4430, CSC3190,  
 ELE2860, ERG2310, 4910<sup>#</sup>, 4920<sup>#</sup>  
 And complete 9/10 units from the following 9/10 units  
 courses as directed by the Department:  
 ELE1110, 2110, ERG2011, 2012, 2810
- (ii) Elective Courses: 18 units  
 Select 9 units from the following courses:  
 CEG3480, 3490, 5010, CSC3120, 3640, ELE4410<sup>#</sup>,  
 IEG4020<sup>#</sup>, 4160<sup>#</sup>, 4190<sup>#</sup>  
 And select at least 3 units from the following courses:  
 CSC2800, 3100, 3120, 3170, 3210, 3220, 3250, 3270, 3280,  
 3290, 4120, 4130, 5150, 5160, 5180, 5240, 5250, 5310,  
 5320, 5330, 5340, 5350, 5360, 5420, 5430, 5460, 5470,  
 5480, CEG5120, 5270, 5330; and  
 any one course from<sup>®</sup> (DSE3020, 4070, 4150, 4210,  
 4250, MKT4080)  
 Remaining units from any courses offered by the Faculty  
 of Engineering (Except ERG3910 and 3920)

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Total: 58/59 units

#### Recommended course pattern

Term 1*	Units	Term 2*	Units
CEG3150	3	CEG3420	3
CEG3430	3	CEG4430	3
CSC3190	3	ERG2310	3
	—		—
	9		9
Term 3	Units	Term 4	Units
CEG3470	3	ELE2860	2
ERG4910	4	ERG4920	4
Major Electives	9	Major Electives	9
	—		—
	16		15

\* Apart from the above courses, students will be directed by the Department to complete 9/10 units from any of the following Major Courses in Term 1/2: ELE1110, 2110, ERG2011, 2012, 2810.

<sup>®</sup> Applicable to students admitted in 2007-08 and thereafter only.

## 2. Students with higher diplomas

Students are required to complete a minimum of 58/59 units of Major courses as follows (Notes):

- (i) Required Courses: 31 units  
 CEG3150, 3420, 3430, 3470, 4430, CSC3190,  
 ELE2860, ERG2310, 4910<sup>#</sup>, 4920<sup>#</sup>  
 And complete 9/10 units form the following 9/10 units  
 courses as directed by the Department:  
 ELE1110, 2110, ERG2011, 2012, 2810
- (ii) Elective Courses: 18 units  
 Select 9 units from the following courses:  
 CEG3480, 3490, 5010, CSC3120, 3640, ELE4410<sup>#</sup>,  
 IEG4020<sup>#</sup>, 4160<sup>#</sup>, 4190<sup>#</sup>  
 And select at least 3 units from the following courses:  
 CSC2800, 3100, 3120, 3170, 3210, 3220, 3250, 3270, 3280,  
 3290, 4120, 4130, 5150, 5160, 5180, 5240, 5250, 5310,  
 5320, 5330, 5340, 5350, 5360, 5420, 5430, 5460, 5470,  
 5480, CEG5120, 5270, 5330; and  
 any one course from<sup>@</sup> (DSE3020, 4070, 4150, 4210,  
 4250, MKT4080)  
 Remaining units from any courses offered by the Faculty  
 of Engineering (Except ERG3910 and 3920)

Total: 58/59 units

### Recommended course pattern

Term 1*	Units	Term 2*	Units
Language	3	CEG3420	3
CEG3150	3	CEG4430	3
CEG3430	3	ERG2310	3
CSC3190	3		
	—		—
	12		9
Term 3	Units	Term 4	Units
CEG3470	3	ELE2860	2
ERG4910	4	ERG4920	4
Major Electives	9	Major Elctives	9
	—		—
	16		15

\* *Apart from the above courses, students will be directed by the Department to complete 9/10 units from any of the following Major Courses in Term 1/2: ELE1110, 2110, ERG2011, 2012, 2810.*

Notes: Applicable to students with associate degrees/higher diplomas

- Major courses which are at 3000 and above level will be included in the calculation of the Major GPA for honours classification. Courses with “ # ” are to be included in the Major GPA as well.
- Besides the Major courses mentioned in Note 1, the other ACE, CSC, ELE, ERG, IEG, MAE and SEG courses at 3000 and above level taken by the students will also be included in the calculation of the Major GPA.

<sup>@</sup> *Applicable to students admitted in 2007-08 and thereafter only.*