

## B.E.(Computer Systems)/B.Fin.

### Year V - 24 units

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem I	ELEC ENG	4035	Communications IV	2.0
Sem I	ELEC ENG	4037	Digital Microelectronics	2.0
Sem I	ELEC ENG	4039A	Honours Project Part 1 <i>or</i>	
Sem I	ELEC ENG	4036A	Design Project Part 1	3.0
Sem I	COMP SCI	3001	Computer Networks and Applications UG	3.0
				<b>10.0</b>
Sem II	ELEC ENG	4039B	Honours Project Part 2 <i>or</i>	
Sem II	ELEC ENG	4036B	Design Project Part 2	3.0
				2.0
				<b>5.0</b>
9 units of Level III Finance courses (see below)				<b>9.0</b>

\* Students accepted into the Honours stream will take Honours Project and other students will take Design Project.

### Electives

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem I	ELEC ENG	4035	Communications IV	2.0
Sem I	COMP SCI	3005	Computer Architecture UG	3.0
Sem I	ELEC ENG	4043	Power Quality & Condition Monitoring	2.0
Sem I	ELEC ENG	4045	Signal Processing IV	2.0
SemI/II	ENG	3003	Engineering Communication EAL*	3.0
Sem I	COMP SCI	3001	Computer Networks and Applications	3.0
Sem II	ELEC ENG	4033	Advanced Telecommunications	2.0
Sem II	ELEC ENG	4049	Analog Microelectronic Systems	3.0
Sem II	ELEC ENG	4041	Optical Communication Engineering	2.0
Sem II	ELEC ENG	4051	Introduction to Electronic Defence Systems	2.0
Sem II	ELEC ENG	4050	Systems Engineering	2.0
Sem II	APP MTH	3016	Telecommunications Systems Modelling III	3.0
Sem II	COMP SCI	3004	Operating Systems	3.0
Sem II	PURE MTH	3018	Coding & Cryptology III	3.0

\* Available only to students whose native language is not English

### Summary of Finance Requirements:

Level I – 12 units

ACCTING 1002 Accounting for Decision Makers I  
 ECON 1000 Principles of Macroeconomics I  
 ECON 1004 Principles of Microeconomics I  
 ECON 1009 International Financial Institutions and Markets I

Level II – 12 units

CORPFIN 2500 Business Finance II  
 CORPFIN 2501 Financial Institutions Management II  
 ECON 2504 Intermediate Econometrics II  
 ECON 2508 Financial Economics II

Level III – 12 units

CORPFIN 3501 Portfolio Theory and Management III

and either

APP MTH 3012 Financial Modelling: Tools and Techniques

or

CORPFIN 3502 Options, Futures & Risk Management III

2 x Level III Finance courses