



# School of Information Technologies

## Curriculum from 2008

Friday 14 September, 1:00 - 1:30pm, SIT 124 (Board Room)  
 Monday 17 September, 1:00 - 1:30pm, SIT 124 (Board Room)  
 Tuesday 18 September, 1:00 - 1:30pm, SIT 124 (Board Room)  
 Wednesday 19 September, 1:00 - 1:30pm, SIT 123 (Lecture Theatre)

## Summary of New Curriculum from 2008

- Only three codes: INFO, COMP and ISYS
- Most of the subjects' Pre-requisites are changed to Assumed
- Fewer advanced subjects
- Two 'streams' only: **Computer Science** and **Information System**
- Requires 36cps at 3000-level of IT subjects (applicable to new students from 2008)

	INFO	COMP	ISYS	Adv	Total
1000-level	3			2	5
2000-level	3	2	1	2	8
3000-level	4	5	2	3	14
<b>Total</b>	<b>10</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>27</b>



## Year 1

Sem1

Sem2

CS

ELEC1601  
Foundations  
of Comp Sys

Common

INFO1103  
Intro to  
Programming

INFO1003  
Foundation  
of IT

ENGG1805  
Professionalism  
in Engg & IT

INFO1003  
Foundation  
of IT

INFO1105  
Data  
Structure

INFO1903  
Informatics  
(Adv)

INFO1103  
Intro to  
Programming

INFO1905  
Data  
Structure (Adv)

IS

## Year 2

Sem1

Sem2

CS

COMP2129  
Operating Systems  
&  
Machine Principles

COMP2007  
Algorithms &  
Complexity

COMP2907  
Algorithms &  
Complexity (Adv)

Common

INFO2120  
Database  
System I

INFO2820  
Database  
System I (Adv)

INFO2110  
System Analysis  
& Modelling

INFO2315  
Intro to  
IT Security

IS

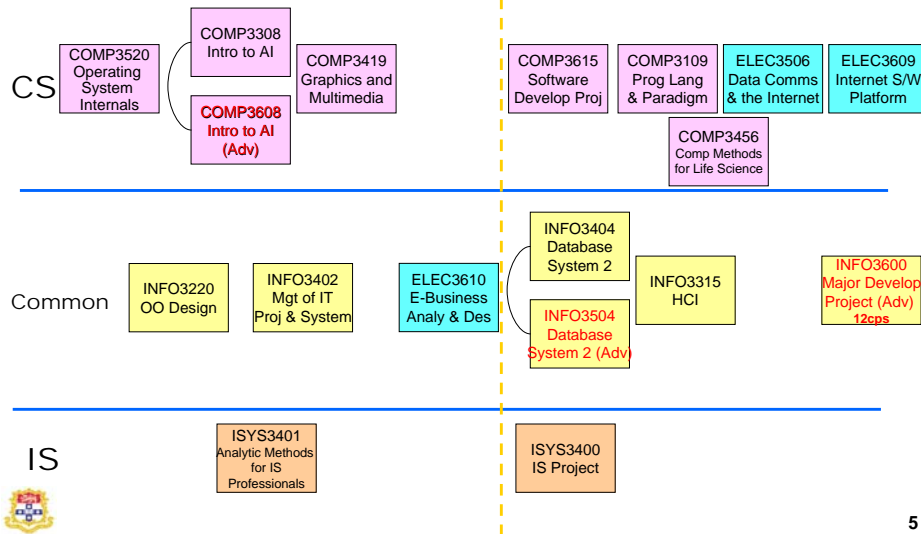
ISYS2140  
Intro to  
Info System



# Year 3

Sem1

Sem2



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# What units should I do for my major ? (BCST/BIT enrolment enrolled before 2008)

Major	Table	Core (Must have)	Plus	Remarks
Principle of Computer Science	III A(i)	12cps from <b>COMP3308</b> (Al) or <b>COMP3309</b> (Algorithms) or <b>COMP3310</b> (Theory of Computation) or <b>COMP3109</b> (Prog Lang & Paradigm)	12cps from 3000+ Level of Computer Science	Must add up to 24cps in 3000+ Level of Computer Science
Information System	III A(ii)	<b>ISYS3401</b> (Analy Mthds for IS Prof) and <b>INFO3402</b> (Mgt of IT Proj & Sys) and <b>ISYS3400</b> (IS Project)	6cps of electives, including <b>INFO3315</b> (HCI) and <b>ELEC3610</b> (E-bus Anal & Des)	Must add up to 24cps in 3000+ Level of Information Systems
Multimedia	III A(iii)	12cps from <b>MULT3306</b> (Mult Comp & Proc) or <b>COMP3419</b> (Graphics & MM) and <b>MULT3307</b> (Interactive MM Sys) or <b>INFO3315</b> (HCI)	12cps from 3000+ Level of Computer Science	Must add up to 24cps in 3000+ Level of Computer Science
Networks and System	III A(iv)	<b>NETS3303</b> (Net Protocols & Prog) or <b>ELEC3506</b> (Data Comm & Internet) and <b>NETS3304</b> (OS Internal) or <b>COMP3520</b> (OS Internal)	12cps from 3000+ Level of Computer Science	Must add up to 24cps in 3000+ Level of Computer Science
Software Development	III A(v)	<b>SOFT3301</b> (S/W Constr 2) or <b>INFO3220</b> (OO Design) and <b>SOFT3300</b> (S/W Dev Proj) or <b>COMP3615</b> (S/W Dev Proj)	12cps from 3000+ Level of Computer Science	Must add up to 24cps in 3000+ Level of Computer Science
Digital Design	III A(vi)	<b>ELEC3607</b> (Embedded Comp) and <b>ELEC4605</b> (Comp Engg)	12cps from 3000+ Level of ELEC and/or <b>NETS3304</b> (OS Internal) or <b>COMP3520</b> (OS Internal)	Must add up to 24cps in 3000+ Level of ELEC
Computational Science	III A(vii)	Replace <b>MULT3307</b> (Interactive MM Sys) with <b>COMP3419</b> (Graphics & MM)		No change to the ruling except the replacement



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# Special Processing in 2008 (BCST/BIT enrolment enrolled before 2008)

COMP3310/3610 (Theory of Computation)	If students haven't done Algorithms, they can proceed to do <b>COMP2007/2907 (Algm &amp; Complexity)</b> in sem2 of 2008, which will cover ToC. If the students have done <b>COMP3309/3609</b> (Algorithms), then do <b>an Honours unit on Complexity, in sem2 of 2008.</b>
COMP3308 (Al)	<b>COMP3308</b> be taught in 2008 as in earlier years ( <b>without assuming algorithms knowledge</b> )
COMP3309/3609 (Algorithms)	<b>offered one last time in 2008</b> , students will attend <b>COMP2007/2907 (Algm &amp; Complexity)</b> in sem2, but with alternative assessment
COMP3615 (S/W Dev Proj)	special permission to <b>waive INFO3402 (Mgt of IT Proj &amp; System)</b>
INFO2120 (DB1)	students who started up to 2007, should be allowed to replace <b>SOFT2130</b> (S/W Constr 1) by this unit to meet the requirement for 24 crpts from Table III(i)
INFO3600	<b>Adv student</b> should be allowed to enrol without INFO3402
NETS3305/3605 (Comp & N/W Security)	<b>offered one last time in 2008</b> , students will attend <b>INFO2315 (Intro to IT Security)</b> , but with alternative assessment <b>AND</b> waive <b>NETS2150</b> (Fundamentals of N/W)
SOFT3300 (S/W Dev Proj)	<b>offered one last time in sem1, 2008</b> for students who will reach 144cps by end of sem1 2008



# "I have done this, but ..."

Completed	but not	Want to ...	Students	Lecturers
<b>SOFT1001/1901</b> (S/W Develop 1)	<b>SOFT1002/1902</b> (S/W Develop 2)		Do <b>COMP2129</b> (OS & Machine Principles) in sem1, followed by <b>INFO1105</b> (Data Struct) in sem2 (* <b>this applies to most of the EIE students</b> *)	The lecturers in <b>COMP2129</b> need to be prepared for students who have only completed one semester of programming, and the lecturers in <b>INFO1105</b> need to prepare some extra resources on inheritance and polymorphism for students who did <b>SOFT1001</b> rather than <b>INFO1103</b>
<b>SOFT1001/1901</b> (S/W Develop 1)	<b>COMP2160</b> (Data Structures)	Do CS subjects	Consult with the Associate Dean, who can grant special permission to enrol in <b>INFO1105</b> (Data Struct) (even though they have completed an "equivalent" unit)	Lecturers of <b>ISYS3401</b> (Analy Mthds for IS Prof), <b>INFO3402</b> (Mgt of IT Proj & Sys), <b>INFO3220</b> (OO Design), <b>INFO3315</b> (HCI) should make special assistance available
<b>INFO2120/2820</b> (DB1)	<b>INFO2110/2810</b> (Sys Analysis & Model)		Students who have time to do so, should take <b>INFO2110</b> in Sem2, 2008; meanwhile, students should progress to 3rd year. If a student would complete the degree requirements by midyear 2008, except that they are required to do <b>INFO2110</b> , the Assoc Dean should request from the Dean a special waiver.	
<b>NETS2150/2850</b> (Fundamentals of N/W)		<b>NETS3303/3603</b> (N/W Protocols & Pgm)		Special permission to be given by the Associate Dean to allow students to take an appropriate 4000-level networking unit if they wish
	<b>NETS3303/3603</b> (N/W Protocols & Pgm)	Networks major		Associate Dean should give special permission to student to substitute some other 3000-level unit



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