

BIT Semester 3 Academic Roster

25.11.2017 – 29.04.2018

	Saturday	Sunday	Saturday	Sunday
	Colombo	Colombo	Gampaha	Gampaha
25/26 - NOV	SE 1	OOAD 1	OOAD 1	SE 1
	WEB 1	MAT 1	MAT 1	WEB 1
02/03 - DEC	OOAD 1	SE 1	SE 1	OOAD 1
	MAT 1	WEB 1	WEB 1	MAT 1
09/10 - DEC	SE 2	OOAD 2	OOAD 2	SE 2
	WEB 2	MAT 2	MAT 2	WEB 2
16/17 - DEC	OOAD 2	SE 2	SE 2	OOAD 2
	MAT 2	WEB 2	WEB 2	MAT 2
23/24 - DEC	HD	HD	HD	HD
30/31 - DEC	SE 3	OOAD 3	OOAD 3	SE 3
	WEB 3	MAT 3	MAT 3	WEB 3
06/07 - JAN	OOAD 3	SE 3	SE 3	OOAD 3
	MAT 3	WEB 3	WEB 3	MAT 3
13/14 - JAN	SE 4	OOAD 4	OOAD 4	SE 4
	WEB 4	MAT 4	MAT 4	WEB 4
20/21 - JAN	OOAD 4	SE 4	SE 4	OOAD 4
	MAT 4	WEB 4	WEB 4	MAT 4
27/28 - JAN	SE 5	OOAD 5	OOAD 5	SE 5
	WEB 5	MAT 5	MAT 5	WEB 5
03/04 - FEB	OOAD 5	SE 5	SE 5	OOAD 5
	MAT 5	WEB 5	WEB 5	MAT 5
10/11 - FEB	SE 6	OOAD 6	OOAD 6	SE 6
	WEB 6	MAT 6	MAT 6	WEB 6
17/18 - FEB	OOAD 6	SE 6	SE 6	OOAD 6
	MAT 6	WEB 6	WEB 6	MAT 6
24/25 - FEB	SE 7	OOAD 7	OOAD 7	SE 7
	WEB 7	MAT 7	MAT 7	WEB 7
03/04 - MAR	OOAD 7	SE 7	SE 7	OOAD 7
	MAT 7	WEB 7	WEB 7	MAT 7
10/11 - MAR	SE 8	OOAD 8	OOAD 8	SE 8
	WEB 8	MAT 8	MAT 8	WEB 8
17/18 - MAR	SD	SD	SD	
24/25 - MAR	OOAD 8	SE 8	SE 8	OOAD 8
	MAT 8	WEB 8	WEB 8	MAT 8

Object Oriented Analysis & Design

1. Object Oriented Concepts and Overall UML Diagram
2. Use case Diagram
3. Activity, State and Timing Diagrams
4. Class, Object, Composite-Structure and Package Diagrams
5. Sequence, Communication and Interaction-Overview Diagrams
6. Components and Deployment Diagrams
New Diagrams and Features in UML-2
7. Online Super Market Project – Code-Ignitor (MVC, PHP-Framework)
8. Online Super Market Project – Code-Ignitor (MVC, PHP-Framework)
9. Case Study Discussion 2011/2012
10. Case Study Discussion 2013/2014

Fundamentals of Software Engineering

1. Introduction to SE / CASE-Tools
2. Process Models
2. Requirement-Analysis & Specification
3. Software Designing
4. Testing + Quality Management
7. Coding / Project Management
5. Software Maintenance

User Interface Design

1. Human Computer Interaction
2. Design Models
3. PACT Analysis / Task Analysis
4. User-Centered Design
5. Prototyping
6. Usability & Accessibility / User Support

	Saturday	Sunday	Saturday	Sunday
	Colombo	Colombo	Gampaha	Gampaha
31/01 – MAR	SE 9	OOAD 9	OOAD 9	OOAD 9
	WEB 9	MAT 9	MAT 9	MAT 9
07/08 – APP	OOAD 9	SE 9	SE 9	SE 9
	MAT 9	WEB 9	WEB 9	WEB 9
14/15 – APP	HD	HD	HD	HD
21/22 – APP	SE 10	OOAD 10	OOAD 10	OOAD 10
	WEB 10	MAT 10	MAT 10	MAT 10
28/29 – APP	OOAD 10	SE 10	SE 10	SE 10
	MAT 10	WEB 10	WEB 10	WEB 10
	Sem3 Exam			

Mathematics for Computing II

1. Matrices 1
2. Matrices 2
3. Sequences and Series 1
4. Sequences and Series 2
5. Vectors 1
6. Vectors 2
7. Differentiation and Integration 1
8. Differentiation and Integration 2
9. Basic Statistics 1
10. Basic Statistics 2

Web Application Development II

1. Font-end Design with HTML, CSS and Bootstrap
2. Client-Side Processing with JavaScript
3. DOM and jQuery
4. PHP Syntax and Semantics
5. Form Processing and Database Connectivity
6. Sessions, Cookies, File and Email-Sending
7. Object Oriented PHP, MVC, PHP-Frameworks and ORM
8. AJAX and Single Page Concept
9. Online-Supermarket Project (All are together)
10. Online-Supermarket Project (All are together)