

# BIT Semester 3 Academic Roster

25.11.2017 – 06.05.2018

	Saturday	Sunday	Saturday	Sunday
	Colombo	Colombo	Gampaha	Gampaha
25/26 - NOV	SE 1 WEB 1	OOAD 1 MAT 1	OOAD 1 MAT 1	SE 1 WEB 1
02/03 - DEC	OOAD 1 MAT 1	SE 1 WEB 1	SE 1 WEB 1	OOAD 1 MAT 1
09/10 - DEC	SE 2 MAT 2	OOAD 2 WEB 2	OOAD 2 WEB 2	SE 2 MAT 2
16/17 - DEC	OOAD 2 WEB 2	SE 2 MAT 2	SE 2 MAT 2	OOAD 2 WEB 2
<b>23/24 - DEC</b>	<b>HD</b>	<b>HD</b>	<b>HD</b>	<b>HD</b>
30/31 - DEC	SE 3 MAT 3	OOAD 3 WEB 3	OOAD 3 WEB 3	SE 3 MAT 3
06/07 - JAN	OOAD 3 WEB 3	SE 3 MAT 3	SE 3 MAT 3	OOAD 3 WEB 3
13/14 - JAN	SE 4 MAT 4	OOAD 4 WEB 4	OOAD 4 WEB 4	SE 4 MAT 4
20/21 - JAN	OOAD 4 WEB 4	SE 4 MAT 4	SE 4 MAT 4	OOAD 4 WEB 4
27/28 - JAN	SE 5 MAT 5	OOAD 5 WEB 5	OOAD 5 WEB 5	SE 5 MAT 5
03/04 - FEB	OOAD 5 WEB 5	SE 5 MAT 5	SE 5 MAT 5	OOAD 5 WEB 5
10/11 - FEB	UID 1 MAT 6	OOAD 6 WEB 6	OOAD 6 WEB 6	UID 1 MAT 6
17/18 - FEB	OOAD 6 WEB 6	UID 1 MAT 6	UID 1 MAT 6	OOAD 6 WEB 6
24/25 - FEB	UID 2 MAT 7	OOAD 7 WEB 7	OOAD 7 WEB 7	UID 2 MAT 7
<b>01 - MAR</b>	<b>SD</b>	<b>SD</b>	<b>SD</b>	<b>SD</b>
03/04 - MAR	OOAD 7 WEB 7	UID 2 MAT 7	UID 2 MAT 7	OOAD 7 WEB 7
10/11 - MAR	UID 3 MAT 8	OOAD 8 WEB 8	OOAD 8 WEB 8	UID 3 MAT 8
17/18 - MAR	OOAD 8 WEB 8	UID 3 MAT 8	UID 3 MAT 8	OOAD 8 WEB 8

## Object Oriented Analysis & Design

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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
11. Case Study Discussion 2015/2016

## Fundamentals of Software Engineering

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

## User Interface Design

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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
24/25 – MAR	UID 4 MAT 9	OOAD 9 WEB 9	OOAD 9 WEB 9	UID 4 MAT 9
31/01 – MAR	OOAD 9 WEB 9	UID 4 MAT 9	UID 4 MAT 9	OOAD 9 WEB 9
07/08 – APR	UID 5 MAT 10	OOAD 10 WEB 10	OOAD 10 WEB 10	UID 5 MAT 10
<b>14/15 – APR</b>	<b>HD</b>	<b>HD</b>	<b>HD</b>	<b>HD</b>
21/22 – APR	OOAD 10 WEB 10	UID 5 MAT 10	UID 5 MAT 10	OOAD 10 WEB 10
28/29 – APR	SE 6 MAT 11	WEB 11 WEB 11	WEB 11 WEB 11	SE 6 MAT 11
05/06 – May	SE 7 MAT 12	OOAD 11 OOAD 11	OOAD 11 OOAD 11	SE 7 MAT 12
<b>12 /13 -May</b>	<b>Sem3 Exam</b>			

### Mathematics for Computing II

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

### Web Application Development II

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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)
11. Revision