Architecture and Structure Design Lab – Building Systems Design

- P R O G R A M –

Building Information Model for a medium small architecture

Date	Unit	Topic
30 September	**UNIT 1**	Launching a Project: Concepts, Spaces, and Budgeting
7 October	**UNIT 2**	Site Surveying and Place Assessment
14 October	**UNIT 3**	Structural Mass Modeling and Environmental Based Computational Morphogenesys
28 October	**CREDIT #01**	BRIEF FOR APPROVAL // Concept&Feasibility, Program, 3D Enriched Model of the Site
4 November	**UNIT4**	Design coordination for interoperability
11 November	**UNIT5**	Joining and assembly architectures: structural elements and superstructures
18 November	**OPEN STUDIO**	*Working with Architectural Bim for structural design*
25 November	**UNIT6**	Embedding physical awareness and information extraction
2 December	**CREDIT #02**	STRUCTURAL & TECHNOLOGICAL MODEL // Draft deliverables review

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16 December	**UNIT 7**	**Conceptual prototype for an architectural building system**
		Conceptual prototype. Introduction
21 February	**OPEN STUDIO**	Researching and Sketching
22 February	**OPEN STUDIO**	Modeling and Testing
23 February	**OPEN STUDIO**	Prototyping the Model
24 February	**CREDIT #03**	FINAL DESIGN DELIVER AND PROJECT ASSESSMENT