

CURRICULUM REVISIONS / PROPOSALS / DRAFT #5 - Kai Gutschow

	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b
Studio (Theme + contents)	Space & Representation 1 Tools 2 Scale/Body 3 Plan-Elev.-Section 4 Point-Line-Plane 5 Space 6 Representation 7 Iteration 8 Bldg-Site relation 9 Solar Orientation 10 Contour Shop Skills	Analysis & Tectonics Precedents Typology Elements of Bldg. Composition Elem. Struct. Systems (Load, Post, Frame, Balloon & Skin) Diagram Massing Light/Heat Sectional Persp.	Materials & Fabrication Hands-on, in-depth on 2-3 materials Digital Fabrication Conventional Building Hands-on Design-Build Materials Precedent Materials Research Energy /Adv. Physics Detailing, Exploded	Small Buildings Program Occupancy Context Analysis Spatial Sequence & Experience Elem. Construction Green Building	Urban Lab & Landscape Context Planning Populations Geography Site Planning Pittsburgh GIS Community Interact. Micro-Macro Growth over time	Medium Scale Bldg Indiv. projects taken from Urb.Lab site Occupancy Acoustics / Light Mechanical Systems Structural Systems Enclosure Envelopes Urban / Site Performance Model	Comprehensive Studio Teams prepare compl. Working Drawings of Medium Size Bldg. Systems Integration Human Safety Or Design Build 1	Concentration Studio I Or Design Build II Or Study Abroad / Qatar Or Courses to replace studio (makes studio "elective")	Concentration Studio II (with an eye to Thesis) Or Courses to replace studio (makes studio "elective")	Thesis All students MUST be on campus (none abroad or graduate early)
Studio Seminar	Intro. to Architecture * Design Process			Optional Theory (any semester)	Optional Urban Theory & Community Dev.			Thesis Prep 1 (3 units) in conjunction with Concentration Seminar	Thesis Prep 2 (9 units)	Thesis Theory
Media & Repres.	Freehand Drawing Drawing Types	Drawing Perspective & Advanced Arch'l Drawing Types		Optional Adv. Repres. (any semester)			Working Drawing Prep.			Thesis Presentation
IDM	Computer Fundamet. 2D, Photoshop, Websites, InDesign		IDM 3D Modelling	Optional Adv. Digital (any semester)						
Arch. Hist	Precedent & Type	World Survey	Modern Architecture		Optional Arch'l History (any semester)		Arch. Hist Elective (Can be taken any semester)	Optional Arch'l History		
Bldg Tech	Construction Site		Structures 1	Materials & Assembly of small buildings	Site Engineering	Structures 2 (relate to studio proj's)		Optional Adv. Construc. Seminar		
Envir Tech	Embodied Energy, Green Building	Building Physics			Mechanical Systems	Adv. Bldg. Systems		Optional Sustainability Seminar		
Crit Pract	10 Paths of an architect				Human Factors			Optional Real Estate & Development	Professional Practice Ethics, Case Studies, Job	Optional Decision Making in Arch.
Univ. Fund	Geometry	Interp. & Arg.		Crit. Hist. (optional?) (move to 1st sem. if req'd.?)						
Elective			Elective x1	Elective x2 (or 3)	Elective x1	Elective x2	Elective x2	Elective x3	Elective x2	Elective x3

Summer Internship: Architect, Construction, Planner, etc. (18 units incentive)

Summer Abroad Study Trips (2 weeks) OR Summer Design Build

FOUNDATION / MAKING / SKILLS

		Co-req. Courses
1a.	Point-Line-Plane-Space-Site, Materiality & Drawing	1a Intro. to Architecture Drawing, IDM
1b.	Small Spaces & Places: focus on Space, Composition, Context, Landscape, Materials, Light, Structure, Program, Energy, Systems, Occupancy	1b Arch'l History, Drawing Building Physics, IDM
2a.	Materials: focus on 1-2 materials & fabrication (hand & machine)	2a Statics Arch'l History
2b.	Small Buildings & Program: focus on Space, Composition, Context, Landscape, Materials, Light, Structure, Program, Energy, Systems, Occupancy	2b Enviro: Climate & Energy Structures

BUILDING ELABORATION / DEMONSTRATION

3a.	Context & Community (Urban Lab + Landscape)	3a Human Factors
3b.	Medium-scale building (related to Urban Lab context?) Pre-amble to comprehensive studio	3b Enviro: Enclosure Mechanical Systems
Summer: 18 credits for Internship in architectural office or at construction site.		
4a.	Comprehensive Studio & Working Drawings (build on proj. from 3b)	4a Working Drawings

CONCENTRATION / SPECULATION

4b.	Concentration Studio, or Study Abroad (incl. Qatar program) Studios arranged by concentration, OR multiple concentrations in any studio	4b Concentration Seminar Theory
Summer: Abroad Trips, or Summer Design-Build		
5a.	Concentration Studio OR Intensive Coursework (in lieu of studio) Run studio in conjunction with Thesis Prep	5a Practice / Ethics Concentration Seminar
5b.	Thesis Studio (related to "Concentration")	5b Thesis Seminar