THE IRWIN S. CHANIN SCHOOL OF ARCHITECTURE
OF THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART

CURRICULUM

Note: In the course numbering, A-B denotes fall and spring semesters

		CREDITS SEMESTER F	S	A1 PROFESSIONAL COMMUNICATION	A2 DESIGN THINKING	A3 INVESTIGATIVE/RESEARCH	A4 DESIGN SKILLS	A5 ORDERING SYSTEMS	A6 USE OF PRECEDENTS	A7 HISTORY & GLOBAL CULTURE	A8 CULTURAL DIVERSITY/ SOCIAL EQUITY	B1 PRE-DESIGN	B2 SITE DESIGN	B3 CODES & REGULATIONS	B4 TECHNICAL DOCUMENTATION	B5 STRUCTURAL SYSTEMS	B6 ENVIRONMENTAL SYSTEMS	B7 BUILDING ENVELOPE & ASSEMBLIES	B8 BUILDING MATERIALS & ASSEMBLIES	B9 BUILDING SERVICE SYSTEMS	B10 FINANCIAL CONSIDERATIONS	C1 RESEARCH	C2 INT. EVALUATIONS/DECISION-MAKING	C3 INTEGRATIVE DESIGN	D1 STAKEHOLDER ROLES	D2 PROJECT MANAGEMENT	D3 BUSINESS PRACTICES	D4 LEGAL RESPONSIBILITIES	D5 PROFESSIONAL CONDUCT
YEAR 1	ARCH 111 A-B ARCHITECTONICS	4	4	●	●	•	●	●	•		•		•									•							
	ARCH 114 A-B FREEHAND DRAWING	3	3																										
	ARCH 115 A-B HISTORY OF ARCHITECTURE I	3	3	•						●	●											•							
	ARCH 118 A-B COMPUTER APPLICATIONS & DESCRIPTIVE GEOMETRY	2	2																										
	FA 100R A-B INTRODUCTION TO TECHNIQUES	1	1																										
	ARCH 103-4 CALCULUS AND ANALYTIC GEOMETRY	3	3																										
	HSS1 FRESHMAN SEMINAR	3		●																									
	HSS2 TEXTS & CONCEPTS: OLD WORLDS AND NEW		3	●						●																			
YEAR 2	ARCH 121 A DESIGN II	5	5	●	●	●	●	●	•			•	●			●		•	•			•			•				•
	ARCH 121 B DESIGN II			●	●	●	●	●	●			●	●			●													•
	ARCH 122 A-B STRUCTURES I	2	2				•	●	•							●													
	ARCH 125 A-B HISTORY OF ARCHITECTURE II	3	3						●	●	●																		
	PH 165-6 CONCEPTS OF PHYSICS	2	2																										
	HSS3 THE MAKING OF MODERN SOCIETY	3		●						•	•																		
	HSS4 THE MODERN CONTEXT: FIGURES AND TOPICS		3	●						•	•																		
YEAR 3	ARCH 131 A DESIGN III	5	5	●	●	●	●	●	●	●	•	●	●	•	●	●	●	●	●	●		●	●	●	•				•
	ARCH 131 B DESIGN III			●	●	●	●	●	•		•	●	●	●	●	●	●	●	●	●		●	●	●	●				•
	ARCH 132 A-B STRUCTURES II	2	2													●							●	●					
	ARCH 133 INTRODUCTION TO URBAN HISTORY AND THEORIES		2						•	•	●	●									•								
	ARCH 134 A-B ENVIRONMENTAL TECHNOLOGIES	3	3						•		•	•	●				●	●		●	•		●	●					
	ARCH 135 A-B BUILDING TECHNOLOGY	2	2														•	●	●	●	•		●	●		•	•		
	ELECTIVES	4	2																										
YEAR 4	ARCH 141 A DESIGN IV	5	5	●	●	●	●	●	●	•			●	•			●					●							•
	ARCH 141 B DESIGN IV			●	●	●	●	●	●	●			●									●							•
	ARCH 142 A-B STRUCTURES III	2	2													●				●	•								
	ARCH 143 A-B CONSTRUCTION MANAGEMENT	1	1											•							●				●	●	●	●	●
	ELECTIVES	7	7																										
YEAR 5	ARCH 151 A-B THESIS	6	6	●	●	●	●	●	●			●	●		●	•			•			●	●	●	●				
	ARCH 152 STRUCTURES IV	2							●							●												•	
	ARCH 154 A-B PROFESSIONAL PRACTICE	1	1									•		•							●				●	●	●	●	●
	ARCH 205 ADVANCED CONCEPTS	2		●					•	•	•																		
	ARCH 225 ADVANCED TOPICS		2	●					•	•	•																		
	ELECTIVES	4	6																										