

**RENSSELAER POLYTECHNIC INSTITUTE
SCHOOL OF ARCHITECTURE
SUMMER ARCH ACADEMIC PROGRAMS**

B. ARCH PROGRAM					
1ST YEAR					
FALL			SPRING		
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS
ARCH-2150	The Ethos of Architecture	3	ARCH-4090	Architectural Case Studies	2
ARCH-2160	Architectural Media	2	ARCH-4100	An Architectural Genealogy	3
ARCH-2800	Architectural Design Studio 1	5	ARCH-2810	Architectural Design Studio 2	5
ARCH-2520	Digital Constructs 1	2	ARCH-2530	Digital Constructs 2	2
ARCH-2510	Materials & Design	2	ARCH-2370	Energy, Comfort, & Ecology	2
ARCH-1500	Calculus 1	4	HASS	Inquiry & Communication Intensive Course	4
		17			18
2ND YEAR					
FALL			SPRING		
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS
ARCH-4150	Cloud Atlas: 20th C. Arch., Cult. & Civil.	3	ARCH-4150	Contemporary Design Approaches	3
ARCH-4050	Cities & Their Territories	2	ARCH-2830	Architectural Design Studio 4	5
ARCH-2820	Architectural Design Studio 3	5	ARCH-2550	Digital Constructs 4	2
ARCH-2540	Digital Constructs 3	2	ARCH-2360	Environmental & Ecological Systems	4
ARCH-2330	Structures 1	3	PHYS-1050	General Physics	4
ARCH-2350	Construction Systems	2			
		17			18
3RD YEAR					
FALL			SPRING		
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS
ARCH-4820	Integrated Design Schematic Studio	5	ARCH-4590	Entrepreneurship & Architecture	2
ARCH-4330	Structures 2	3	ARCH-4830	Integrated Design Development Studio	5
ARCH-4560	Materials & Enclosures	2	ARCH-4540	Professional Practice 1	2
MATH	Mathematics Elective	4	ARCH-4740	Building Systems & Environment	4
HASS	HASS Elective	4	SCI	Science Elective	4
		18			17
4TH YEAR					
SUMMER ARCH			FALL OR SPRING		
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS
ARCH-4770	Architectural Design Studio 5	5	ARCH-4780	Architectural Design Studio 6	5
HASS	HASS Elective	4	ARCH-4550	Professional Practice 2	2
HASS	HASS Elective	4	ARCH-4XXX	Professional Elective	2
SCI	Science Elective	4	ARCH-4XXX	Professional Elective	2
			ARCH-4XXX	Professional Elective	2
			ELEC	Free Elective	4
		17			17
5TH YEAR					
FALL			SPRING		
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS
ARCH-4910	Final Project Design Research Seminar	3	ARCH-4920	Final Project Design Studio	5
ARCH-4970	Architectural Design Studio 7	5	ARCH-4XXX	Professional Elective	2
ARCH-4XXX	Professional Elective	2	ARCH-4XXX	Professional Elective	2
HASS	HASS Elective	4	ELEC	Free Elective	4
ELEC	Free Elective	4			
		18			13
			B. ARCH: TOTAL CREDITS		171

B.S. IN BUILDING SCIENCE						
1ST YEAR						
FALL			SPRING			
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS	
ARCH-2150	The Ethos of Architecture	3	ARCH-4090	Architectural Case Studies	2	
ARCH-2160	Architectural Media	2	ARCH-2850	Building Performance Studio 1	5	
ARCH-2800	Architectural Design Studio 1	5	ARCH-2370	Energy, Comfort, & Ecology	2	
ARCH-2520	Digital Constructs 1	2	MATH-1520	Math. Methods in Mngmnt & Econ	4	
ARCH-2510	Materials & Design	2	PHYS-1050	General Physics	4	
ARCH-1500	Calculus 1	4				
		18				17
2ND YEAR						
FALL			SPRING			
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS	
ARCH-2860	Building Performance Studio 2	5	ARCH-2360	Energy & Environmental Systems	4	
ARCH-2330	Structures 1	3	ARCH-4550	Professional Practice 2	2	
ARCH-2350	Construction Systems	2	ARCH-4740	Building Systems & Environment	4	
ARCH-2560	Materials & Enclosures	2	ARCH-4XXX	Concentration 2	4	
ARCH-2XXX	Concentration 1	4	SCI	Science Elective	4	
		16				18
3RD YEAR						
SUMMER ARCH			IF RETURNS FOR FALL			
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS	
HASS	HASS Elective	4	ARCH-4330	Structures 2	3	
HASS	HASS Elective	4	ARCH-4510	Construction Industry Seminar 1	2	
HASS	HASS Elective	4	ARCH-4XXX	Concentration 3	4	
SCI	Science Elective	4	HASS	HASS Elective	4	
			ELEC	Free Elective	4	
		16				17
			IF RETURNS FOR SPRING			
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS	
			ARCH-4XXX	Concentration 3	4	
			ARCH-4XXX	Professional Elective	2	
			HASS	HASS Elective	4	
			HASS	HASS Elective	4	
			ELEC	Free Elective	4	
						18
4TH YEAR						
FALL [IF 3RD-YEAR SPRING AWAY]			SPRING			
COURSE #	COURSE NAME	CREDITS	COURSE #	COURSE NAME	CREDITS	
ARCH-4XXX	Concentration 4	4	ARCH-4530	Capstone Project	4	
ARCH-4XXX	Professional Elective	2	ARCH-4520	Construction Industry Seminar 2	2	
HASS	HASS Elective	4	SCI	Science Elective	4	
ELEC	Free Elective	4	ELEC	Free Elective	4	
		14				14
FALL [IF 3RD-YEAR FALL AWAY]			B.S. BUILDING SCIENCE: TOTAL CREDITS			
COURSE #	COURSE NAME	CREDITS	130			
ARCH-4330	Structures 2	3				
ARCH-4XXX	Concentration 4	4				
ARCH-4510	Construction Industry Seminar 1	2				
HASS	HASS Elective	4				
ELEC	Free Elective	4				
		17				