

**City College**

Academic University Report Detail  
January/February 2021

## Section All: Changes in Degree Programs

### All. 1

Program: Ph.D. Chemical Engineering  
 HEGIS Code: 0906.00  
 Program Code: 32556  
 Effective: Fall 2021

Approved by the Chemical Engineering Graduate Committee on 9/17/2020

Approved by the Chemical Engineering Faculty on 9/17/2020

Approved by the Grove School of Engineering Graduate Curriculum Committee on October 15, 2020

Approved by the Grove School of Engineering Faculty on October 22, 2020

From			To		
Course Number	Name	Crs	Course Number	Name	Crs
<u>Required:</u>			<u>Required:</u>		
Engr I1100	Introduction to Engineering Analysis .....	3	Engr I1100	Introduction to Engineering Analysis .....	3
ChE I3300	Advanced Chemical Reaction Engineering .....	3	ChE I3300	Advanced Chemical Reaction Engineering .....	3
ChE J9600	Introduction to Research Fundamentals.....	3	ChE J9600	Introduction to Research Fundamentals .....	3
ChE I2800	Advanced Chemical Thermodynamics .....	3	ChE I2800	Advanced Chemical Thermodynamics.....	3
ChE I0000	Seminar .....	3*	ChE I0000	Seminar .....	3*
	Subtotal	15		Subtotal .....	15
<u>Take Two of Three:</u>			<u>Take Two of Three:</u>		
Engr I0800	Foundations of Fluid Mechanics .....	3	Engr I0800	Foundations of Fluid Mechanics .....	3
ChE I9100	Mass Transfer .....	3	ChE I9100	Mass Transfer .....	3
<del>ME I3700</del>	<del>Convection Heat Transfer .....</del>	<del>3</del>	<b>ME I3400</b>	<b>Advanced Heat Transfer .....</b>	<b>3</b>
	Subtotal .....	6		Subtotal .....	6
	Course Subtotal	21		<b>Required Course Subtotal .....</b>	<b>21</b>
J990x	Dissertation Research .....	up to 27	J990x	Dissertation Research.....	up to 27
K9000	Dissertation Supervision .....	1	K9000	Dissertation Supervision.....	1
*The three seminar credits will count as course credits towards the mandatory 33.			* The three seminar credits will count as course credits towards the mandatory 33 course credits <b>minimum</b> .		
<b>Electives</b>	12 Electives could include:		<b>Electives</b>	at least 12 Electives could include:	
ChE I3200	Statistical Mechanics I .....	3	ChE I3200	Statistical Mechanics I .....	3
ChE I3000	Chemical Process Simulation .....	3	ChE I3000	Chemical Process Simulation .....	3
ChE I5200	Powder Science and Technology .....	3	ChE I5200	Powder Science and Technology .....	3
ChE I5500	Interfacial Phenomena .....	3	ChE I5500	Interfacial Phenomena .....	3
ChE I5700	Advanced Materials .....	3	ChE I5700	Advanced Materials .....	3
ChE I5800	Molecular Simulation .....	3	ChE I5800	Molecular Simulation .....	3
ChE I8900	Nanotechnology .....	3	ChE I8900	Nanotechnology .....	3

ChE I6100	Polymer Science & Engineering .....	3	ChE I6100	Polymer Science & Engineering .....	3
ChE I8600	Equilibrium Staged Separations .....	3	ChE I8600	Equilibrium Staged Separations .....	3
ChE I8800	Bioseparations .....	3	ChE I8800	Bioseparations .....	3
ChE I9000	Bioprocess Engr: M. Cell Biotechnology .....	3	ChE I9000	Bioprocess Engr: M. Cell Biotechnology .....	3
ChE G400	Modeling in Chemical Engineering .....	3	ChE G4000	Modeling in Chemical Engineering .....	3
ChE I6400	Rheology of Soft Materials .....	3	ChE I6400	Rheology of Soft Materials .....	3
ChE I1400	Energy Engineering Systems .....	3	ChE I1400	Energy Engineering Systems .....	3
ChE I6500	Mechanics of Polymer Melt Processing .....	3	ChE I6500	Mechanics of Polymer Melt Processing .....	3
ChE I9200	Soft Materials Laboratory .....	3	ChE I9200	Soft Materials Laboratory .....	3
ChE I9300	Electrochemical Principles and Practice .....	3	ChE I9300	Electrochemical Principles and Practice .....	3
ChE I9725	Ionic Liquids .....	3	ChE I9725	Ionic Liquids .....	3
as well as other graduate level science and engineering courses (after approval by ChE PhD committee)			as well as other graduate level science and engineering courses (after approval by ChE PhD committee)		
Total Course Credits.....33 Credits			<b>To advance to level 3, a student must pass the Second Exam and complete a total of 60 credits, at least 33 of which are course credits and at least 12 of which are research credits, i.e.,</b>		
Total Research Credits.....28 Credits			Total Course Credits..... <b>a minimum of 33 Credits</b>		
Total Credits.....61 Credits			Total Research Credits..... <b>a minimum of 12 Credits</b>		
			<b>Additional credits that can be any combination of course and/or research credits:.....a minimum of 15 Credits</b>		
			<b>Total Credits to advance to Level 3.....60 Credits</b>		
			<b>Additional credits taken post-candidacy: K9000.....1 Credit</b>		
			<b>Total credits for graduation in addition to successful thesis defense minimum of 61 Credits</b>		

**Rationale:**

The proposed changes reflect 1) the updated course number of the ME I3400 Advanced Heat Transfer course, 2) the ability for students to take more courses than the minimum and have them count towards the degree by reducing the number of dissertation research credits.

*Justification for this change:* 1) The ME department changed the course number and the heat transfer courses offered. ME 13700 Convection Heat Transfer was previously offered and now ME I3400 Advanced Heat Transfer is offered. 2) When the curriculum was previously changed to reduce the course credits required from 48 down to 33, the intent was not to limit students to only 33 credits should other courses be held that were relevant to their interests and/or research area. With this change, students have the flexibility of taking more courses, but the minimum of 33 credits of courses remains.

The Chemical Engineering Faculty approved this change by a vote of 10 Yes/ 0 No/ 0 Abstain/ 2 Absent during the faculty meeting on 9/17/2020.

### AIII. 2

#### Change In Master of Architecture I Program Requirements

Program: Master of Architecture I  
 Department: Architecture  
 HEGIS Code: 0202.00  
 Program Code: 26614  
 Effective: Fall 2021

From			To		
Course Number	Name	Crs	Course Number	Name	Crs
Requirements for the Degree			Requirements for the Degree		
Fall First Year			Same		
61001	Digital Techniques	3			
61100	Architecture Studio 1.1	6			
61201	Survey of World Architecture 1	3			
62301	Materials/Construction S	3			
73500	Site Design	3			
Spring First Year			Same		
62001	Visual Studies	3			
62100	Architecture Studio 1.2	6			
62201	Survey of World Architecture 2	3			
61301	Materials/Construction L	3			
62401	Structures 1 - Introduction to Structures	3			
Fall Second Year					
73100	Architecture Studio 1.3	9	73100	Architecture Studio 1.3	9
73201	Survey of World Architecture	3	73201	Survey of World Architecture	3
71301	Building Modeling	3	71301	Building Modeling	3
<del>73401</del>	<del>Structures 2 - Design of Structural Elements</del>	<del>3</del>	<b>ELECTIVE</b>		<b>3</b>
Spring Second Year					
74100	Architecture Studio 1.4	9	74100	Architecture Studio 1.4	9
74501	Environmental Systems	3	74501	Environmental Systems	3
<del>74401</del>	<del>Structures 3 - Behavior of Structural Systems</del>	<del>3</del>	<b>73401 Structures 2 - Design of Structural Elements</b>		<b>3</b>
85201	Survey of World Architecture 4	3	85201	Survey of World Architecture 4	3
Fall Third Year					
85101	Advanced Studio	6	85101	Advanced Studio	6
85200	Design Seminar	3	85200	Design Seminar	3
85300	Advanced Computing	3	85300	Advanced Computing	3
85600	Professional Practice	3	85600	Professional Practice	3
<b>ELECTIVE</b>		<b>3</b>	<b>74401 Structures 3 - Behavior of Structural Systems</b>		<b>3</b>
Spring Third Year			Same		
85101	Advanced Studio*				
85200	Design Seminar				
<b>ELECTIVE</b>					
<b>ELECTIVE</b>					
<b>ELECTIVE</b>					

Rationale: The above is not a change in requirements but rather a change in sequencing, moving the second and third courses within the Structures sequence to fall one semester later within the curriculum. This will allow for the Structures course content to better coordinate with other required classes. The opening created

in the fall second-year curriculum is to be filled with an elective displaced from fall of third year. There are no changes to any curriculum content, the per-semester credit counts, or the total number of required credits.

AIII. 1

Program: BA in Psychology  
 HEGIS Code: 2001.00  
 Program Code: 02266, 60130  
 Effective: Fall 2021

From: Current - <del>32 Credits</del> – BA, Psychology Majors			To: Revised – 35 Credits – BA, Psychology Majors		
Course Number	Name	Credits	Course Number	Name	Credits
Minimum requirements –Common Requirements: <del>12 Credits</del>			Minimum requirements –Common Requirements: <b>14 Credits</b>		
PSY 10200	Psychology in the Modern World .....	4	PSY 10200	Psychology in the Modern World .....	4
PSY 21500	Applied Statistics .....	4	PSY 21500	Applied Statistics .....	4
PSY 32100	Experimental Psychology .....	4	PSY 32100	Experimental Psychology .....	4
			<b>SPCH 11100</b>	<b>or</b>	
			<b>SPCH 11101</b>	<b>Speech .....</b>	<b>3</b>
Gateway Requirements: ( <b>9 credits</b> ) Must take <u>three of the four</u> major concentrations (Developments, Social, Cognitive, Biological)			Gateway Requirements: ( <b>9 credits</b> ) Must take <u>three of the four</u> major concentrations (Developments, Social, Cognitive, Biological)		
Developmental Psychology OR Infancy and Childhood			Developmental Psychology OR Infancy and Childhood		
PSY 22600	Developmental Psychology .....	3	PSY 22600	Developmental Psychology .....	3
PSY 24600	Infancy and Childhood Social Personality	3	PSY 24600	Infancy and Childhood Social Personality	3
PSY 24700	Social Psychology .....	3	PSY 24700	Social Psychology .....	3
PSY 24900	Psychology of Personality Cognitive.....	3	PSY 24900	Psychology of Personality Cognitive.....	3
PSY 25300	Thinking, Knowing, and Remembering.....	3	PSY 25300	Thinking, Knowing, and Remembering.....	3
Biological			Biological		
PSY 25400	Brain, Mind, and Behavior.....	3	PSY 25400	Brain, Mind, and Behavior.....	3
Advanced Courses: Students must take four 300-level courses. 300-level courses use the required 200-level gateway courses as prerequisites. PSY 321 IS A REQUIRED PRE-OR CO-REQUISITE FOR ALL 300 LEVEL CLASSES numbered below 321. <b>12 Credits in Total.</b>			Advanced Courses: Students must take four 300-level courses. 300-level courses use the required 200-level gateway courses as prerequisites. PSY 321 IS A REQUIRED PRE-OR CO-REQUISITE FOR ALL 300 LEVEL CLASSES numbered below 321. <b>12 Credits in Total</b>		
<b>Total required credits</b>		<b>32</b>	<b>Total required credits</b>		<b>35</b>

**Rationale:**  
 When the Pathways requirement was adopted by CUNY, students at City College were no longer required to take a Speech class. Psychology students often pursue careers that involve an ability to present themselves orally (counseling, therapy, sales, and marketing). In consultation with the Theater Department, a decision was made that Psychology majors would greatly benefit from a required Speech class.

AV. 0

CLAS Faculty Council voted for the SP grade to replace INC grade for the following courses. This grade should be added to the standard letter grades (A+ to F).

- PSY 30100 Honors in Psychology I
- PSY 30200 Honors in Psychology II
- PSY 30300 Honors in Psychology III
- PSY 30400 Honors in Psychology IV

AV. 1

Department: Chemistry & Biochemistry  
 Effective: Fall 2021

From			To		
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate		Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	
Course Number	Chem 32002		Course Number	Same	
Course Name	Biochemistry I		Course Name	Same	
Prerequisite	Grade of C or higher in <a href="#">CHEM 26100</a> and <a href="#">CHEM 26300</a> or placement by the department. Grade of C or better in Bio 10100 (Biological Foundations I).		Prerequisite	<b>Grade of C or higher in <a href="#">CHEM 26100</a> or placement by the department. Grade of C or better in Bio 10100 (Biological Foundations I).</b>	
Corequisite	--		Corequisite	Same	
Hours	3 hr./wk.		Hours	Same	
Credits	3 credits		Credits	Same	
Liberal Arts??	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Course Attribute (e.g. Writing Intensive, WAC, etc)					
Description	Cellular biochemistry of amino acids, proteins, carbohydrates, lipids and nucleic acids.			Same	
Materials fee			Materials fee		
Rationale	Departmental approval 9/5/2019. The prerequisite has been streamlined to reflect our success in waiving the CHEM 26300 requirement, to provide our majors with greater scheduling flexibility, and to align with the requirements of students seeking admission to medical and other health professions careers. The instructors will monitor completion rates and grades for students according to actual prerequisites upon entry to the course.				
General Education Designation	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> Flexible <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World				

AV. 2

Department: Chemistry & Biochemistry  
 Effective: Fall 2021

From		To	
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Course Number	Chem 33000	Course Number	Same
Course Name	Physical Chemistry I	Course Name	Same
Prerequisite	<del>Grade of C or higher in CHEM 10401, CHEM 25000, and PHYS 20700 or placement by the department.</del>	Prerequisite	<b>Grade of C or higher in CHEM 10401, PHYS 20700 or placement by the department.</b>
Corequisite	<del>PHYS 20800 (recommended as a prereq.)</del>	Corequisite	PHYS 20800 (recommended as a prereq.); CHEM 25000 or MATH 21300
Hours	<del>3 hr./wk.</del>	Hours	<b>4 hr. wk</b>
Credits	<del>4 credits</del>	Credits	3 credits
Liberal Arts??	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc)			
Description	Ideal and real gases, kinetic molecular theory, thermodynamics and phase equilibria, solutions.		Same
Materials fee		Materials fee	
Rationale	Corrections to the changes approved by the department 5/4/2017. Chem 33000 and Chem 33001 have been combined into one course. The proposal is to turn the workshop into a 1-hour recitation which the faculty will teach, and make them a part of the lecture course, increasing the hours per week from 3 to 4 while maintaining the number of credits at 3 for consistency with other course offerings. Our Math for Physical Chemistry course should have been a co-requisite rather than a prerequisite, but a student who wishes to drop one of these courses should not be forced to drop both. Math 21300 can be substituted for CHEM 25000 as a co-requisite.		
General Education Designation	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> Flexible <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> <input type="checkbox"/> Individual and Society <input type="checkbox"/> <input type="checkbox"/> Scientific World		

AV. 3

Effective: Fall 2021

From				To			
Career	x	Undergraduate	Graduate	Career	x	Undergraduate	Graduate
Course Subject & Number	PHYS 33300			Course Subject & Number	Same		
Course Name	Development of Knowledge in Physics 1			Course Name	Same		
Prerequisite	PHYS 20900 or PHYS 32100			Prerequisite	<b>None</b>		
Corequisite	None			Corequisite	Same		
Credits	3			Credits	Same		
Hours	3			Hours	Same		
Liberal Arts & Sciences (As defined by NYSED)	X	Yes	No	Liberal Arts & Sciences (As defined by NYSED)	X	Yes	No
Online/Hybrid		Hybrid	Partially Online	Online/Hybrid		Hybrid	Partially Online
		Online	Web Enhanced			Online	Web Enhanced
		Fully Online				Fully Online	
Description	Blank			Description	<b>Selected topics in physics with emphasis on gaining a depth of understanding of the subject matter and an awareness of the development of skills essential to the scientific process. Course content focuses on contexts of force, motion, and the behavior of the sun, moon and stars. Background for teaching science in secondary schools or introductory college level with introduction to Physics Education Research. Integrated laboratory / discussion format.</b>		
Rationale	This course has focused more on a conceptual approach to covering the material reaching out to a broader audience of science educators. The content covered is still the same with an advanced expectation of understanding scientific reasoning and process, but without the need for the math or physics content in PHYS 20900 or 32100. Course description is currently blank for unknown reasons.						
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable	
		College Option				College Option	
		Required				Required	
			English Composition				English Composition
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning
			Life and Physical Sciences				Life and Physical Sciences
		Flexible				Flexible	
			World Cultures & Global Issues				World Cultures & Global Issues
			US Experience in its Diversity				US Experience in its Diversity
			Creative Expression				Creative Expression
		Individual and Society			Individual and Society		
		Scientific World			Scientific World		

AV. 4

Effective: Fall 2021

From				To			
Career	x	Undergraduate	Graduate	Career	x	Undergraduate	Graduate
Course Subject & Number	PHYS 33400			Course Subject & Number	Same		
Course Name	Development of Knowledge in Physics 2			Course Name	Same		
Prerequisite	PHYS 20900 or PHYS 32100			Prerequisite	None		
Corequisite	None			Corequisite	Same		
Credits	3			Credits	Same		
Hours	3			Hours	Same		
Liberal Arts & Sciences (As defined by NYSED)	X	Yes	No	Liberal Arts & Sciences (As defined by NYSED)	X	Yes	No
Online/Hybrid		Hybrid	Partially Online	Online/Hybrid		Hybrid	Partially Online
		Online	Web Enhanced			Online	Web Enhanced
		Fully Online				Fully Online	
Description	Selected topics in physics with emphasis on gaining a depth of understanding of the subject matter and an awareness of the development of skills essential to the scientific process. Course content focuses on contexts of geometrical optics, waves, physical optics, the particulate nature of light, properties of the atom, and wave particle duality. Background for teaching science in secondary schools or introductory college level with introduction to Physics Education Research. Integrated laboratory / discussion format.			Description	Same		
Rationale	This course has focused more on a conceptual approach to covering the material reaching out to a broader audience of science educators. The content covered is still the same with an advanced expectation of understanding scientific reasoning and process, but without the need for the math or physics content in PHYS 20900 or 32100.						
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable	
		College Option				College Option	
		Required				Required	
			English Composition				English Composition
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning
			Life and Physical Sciences				Life and Physical Sciences
		Flexible				Flexible	
			World Cultures & Global Issues				World Cultures & Global Issues
			US Experience in its Diversity				US Experience in its Diversity
			Creative Expression				Creative Expression
		Individual and Society			Individual and Society		
		Scientific World			Scientific World		

AV. 5

Effective: Fall 2021

From					To				
Career	x	Undergraduate		Graduate	Career	x	Undergraduate		Graduate
Course Subject & Number	MATH 36600				Course Subject & Number	Same			
Course Name	Introduction to Applied Mathematical Computation				Course Name	Same			
Prerequisite	A grade of C or higher in MATH 34600; either of CSC 10200 or CSC 10300, exceptions by permission of the department.				Prerequisite	Same			
Corequisite					Corequisite				
Credits	3				Credits	Same			
Hours	3 hr./wk.				Hours	Same			
Liberal Arts & Sciences (As defined by NYSED)	X	Yes		No	Liberal Arts & Sciences (As defined by NYSED)	X	Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	Calculus, linear algebra, elements and applications of probability theory are examined through <del>use of Matlab</del> . Topics selected from symbolic and numerical problems in analysis; matrices, linear mappings, eigenvalues and applications; queueing theory; random numbers and simulations; graphics.				Description	Calculus, linear algebra, elements and applications of probability theory are examined through <b>programming</b> . Topics selected from symbolic and numerical problems in analysis; matrices, linear mappings, eigenvalues and applications; queueing theory; random numbers and simulations; graphics.			
Rationale	Removal of the requirement to use MATLAB will enable the instructor to use programming languages currently actively used in industry. While MATLAB is licensed for students by the university, our graduates will need to purchase a license to continue to use the software. Other options such as Python are now commonly used in industry, are open-source and permanently free.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
	X	College Option				X	College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 6.1

Effective: Fall 2021

From				To					
Career	<input type="checkbox"/>	Undergraduate	<input checked="" type="checkbox"/>	Graduate	Career	<input type="checkbox"/>	Undergraduate	<input checked="" type="checkbox"/>	Graduate
Course Subject & Number	LAAR 61100				Course Subject & Number	Same			
Course Name	Landscape Architecture Studio I				Course Name	Same			
Prerequisite	none				Prerequisite				
Corequisite	LAAR 61400				<b>Corequisite</b>	<b>LAAR 61400, and LAAR 61300 Landscape Technology I</b>			
Credits	6				Credits	Same			
Hours	8				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online	Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online
	<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced		<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced
	<input type="checkbox"/>	Fully Online	<input type="checkbox"/>			<input type="checkbox"/>	Fully Online	<input type="checkbox"/>	
Description	<p><del>This studio introduces a range of technical, spatial, and cognitive skills used in urban landscape design. Manipulation of terrain and spatial conditions are explored using two-dimensional traditional and digital media: plan and section drawing, projection drawings, and three-dimensional physical models. Students are instructed in analytic mapping techniques used to investigate systemic site processes at multiple scales. Studio I design research skills are brought together in the second half of the semester when a terrain is designed in accord with the impacts of a speculative environmental process.</del></p>				<b>Description</b>	<p><b>The first design studio introduces a range of technical, spatial, and cognitive skills used in urban landscape design. Manipulation of terrain and spatial conditions are explored using two-dimensional traditional and digital drawings and three-dimensional physical models. Students learn analytic mapping techniques and investigate systemic site processes at multiple scales. Design research skills are interlaced with speculative environmental design strategies and spatial design propositions.</b></p>			
<b>Rationale</b>	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.								
General Education Designation	<input checked="" type="checkbox"/>	Not Applicable			General Education Designation	<input checked="" type="checkbox"/>	Not Applicable		
	<input type="checkbox"/>	College Option				<input type="checkbox"/>	College Option		
	<input type="checkbox"/>	Required				<input type="checkbox"/>	Required		
	<input type="checkbox"/>	<input type="checkbox"/>	English Composition			<input type="checkbox"/>	<input type="checkbox"/>	English Composition	
	<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning			<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning	
	<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences			<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences	
	<input type="checkbox"/>	Flexible				<input type="checkbox"/>	Flexible		
	<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues			<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues	
	<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity			<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity	
	<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression			<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression	
<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society		<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society			
<input type="checkbox"/>	<input type="checkbox"/>	Scientific World		<input type="checkbox"/>	<input type="checkbox"/>	Scientific World			

AV. 6.2

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number <b>LAAR 62100</b>				Course Subject & Number <b>Same</b>					
Course Name	Landscape Architecture Studio II			Course Name	Same				
Prerequisite	LAAR 61100			Prerequisite	Same				
Corequisite	none			<b>Corequisite</b>	<b>LAAR 62200 Intro to Landscape Arch History, and LAAR 62300 Landscape Technology II</b>				
Credits	6			Credits	same				
Hours	8			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p>The second design studio expands the student's understanding of landscape scale and deepens their understanding of urban context. A site with richly layered historical significance, occupied by a mixed socioeconomic population is chosen for analysis and design transformation at multiple scales. Analysis of environmental processes (soils, hydrology, geology, plant communities, and climate) and socioeconomic factors are compiled into a class-wide publication and site model. The studio emphasizes computer-based presentation techniques and professional collaboration. Design proposals take the form of strategic plans for implementation at an urban or regional scale, supported by case studies at the human scale.</p>			<b>Description</b>	<p>The second design studio expands the range of landscape scales and deepens an understanding of urban context. Site analyses reveal narratives richly layered with diverse historical, social, and cultural significance for various groups. Site design is considered as a transformational practice leveraged at multiple scales. Dynamic environmental processes (soils, hydrology, geology, plant communities, and climate) as well as social and economic factors are deeply examined. The studio emphasizes digital presentation techniques and professional collaboration. Design proposals present strategic and transformative plans for implementation at the human, urban, and regional scales.</p>				
<b>Rationale</b>	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.								
General Education Designation		Not Applicable		General Education Designation		Not Applicable			
		College Option				College Option			
		Required				Required			
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible				Flexible			
			World Cultures & Global Issues				World Cultures & Global Issues		
			US Experience in its Diversity				US Experience in its Diversity		
		Creative Expression			Creative Expression				
		Individual and Society			Individual and Society				
		Scientific World			Scientific World				

AV. 6.3

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 61300				Course Subject & Number	Same			
Course Name	Landscape Technology I				Course Name	Same			
Prerequisite	none				Prerequisite				
Corequisite	none				Corequisite	<b>LAAR 61400 Digital /Traditional Drawing, LAAR 61100 Landscape Arch Studio I</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	<p><del>This course presents the fundamental principles of site planning: environmental and ecological factors of siting, building, grading, drainage, site structures, and material selection. Students use the analysis of small sites to evaluate underlying issues of environmentally responsible design, zoning requirements, and affordability and describes methods for site inventory, site analysis, and site selection. Grading—an environmental necessity, functional requisite and aesthetic expression—is a key component of the course, and it is used to integrate pragmatic design decision-making into the design process (i.e. drainage and road alignment)</del></p>				Description	<p><b>This course presents the fundamental principles of site planning: the environmental and ecological factors of siting a building, grading, drainage, site structures, and material selection. Students use the analysis of small sites to evaluate underlying issues of environmentally responsible design, accessibility, zoning requirements, and affordability. Methods of site inventory, site analysis, and site selection are explored. Site grading -- an environmental necessity, a functional requisite, and an aesthetic expression -- is a key component of the course, and it is used to integrate pragmatic design decision-making into the design process.</b></p>			
<b>Rationale</b>	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.1

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 61400				Course Subject & Number	Same			
Course Name	Digital/ Traditional Drawing				Course Name	Same			
Prerequisite	none				Prerequisite	Same			
Corequisite	LAAR 61100				Corequisite	<b>Keep LAAR 61100, add LAAR 61300 Landscape Technology I</b>			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p><del>The course provides instruction in fundamental skills of landscape architectural two-dimensional representation. Graphic design skills are instilled with instruction in photographic, illustration, and publication software. Instruction in AutoCAD supports projection drawings in more advanced rendering software (such as Rhino) by the end of the semester.</del></p>				Description	<p><b>This course provides instruction in the fundamental skills and techniques of both analog and digital landscape architectural representation. Graphic design skills are instilled with instruction in photo-based image editing, illustration, and publication software. Additional instruction in vector-based AutoCAD and advanced three-dimensional rendering software such as Rhino supports both two-dimensional and three-dimensional digital drawing techniques.</b></p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.2

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate x Graduate		
Course Subject & Number	LAAR 62200			Course Subject & Number	Same				
Course Name	Intro to Landscape Architecture History			Course Name	Same				
Prerequisite	none			Prerequisite	same				
Corequisite	none			Corequisite	<b>LAAR 62100 Landscape Arch Studio II, LAAR 62300 Landscape Technology II</b>				
Credits	3			Credits	Same				
Hours	3			Hours	Same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No	
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	Synoptic themes in landscape architecture history will be presented with theoretical texts to provoke critical thinking about the evolution of landscape form and ideas in Western and non-Western culture. Students will research and document a thematic aspect of world landscape architecture to produce a verbally and visually articulate presentation. Topics include but are not limited to: the role of gardens in American cities, case studies through time in ecologically sustainable practices, and critical assessments of urban infrastructure form and function.			Description	SAME				
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable			
		College Option				College Option			
		Required				Required			
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible				Flexible			
			World Cultures & Global Issues				World Cultures & Global Issues		
			US Experience in its Diversity				US Experience in its Diversity		
			Creative Expression				Creative Expression		
		Individual and Society			Individual and Society				
		Scientific World			Scientific World				

AV. 7.3

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 62300				Course Subject & Number	Same			
Course Name	Landscape Technology II				Course Name	Same			
Prerequisite	LAAR 61300				Prerequisite	Same			
Corequisite	none				Corequisite	<b>LAAR 62100 Landscape Arch Studio II, LAAR 62200 Intro to Landscape Arch History</b>			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p>This course is a continuation of the content related in <u>LAAR 61300</u>, with problems increasing in scale, complexity, and application constraints. In addition, the course provokes a deeper understanding of the relationship between urban development and constructed landform. The semester projects examine large areas and complex sites with multiple human and environmental overlays. Students deal with complex issues of grading, drainage, site structures, and material. Site grading continues to be used as a focus to integrate design intent with the practical aspects of site planning and design.</p>				Description	<p>This course is a continuation of the content described in the prerequisite LAAR 61300, with problems increasing in scale, complexity, and application constraints. In addition, the course provokes a deeper understanding of the relationship between urban development and constructed landform. Projects examine large areas and complex sites with multiple human and environmental overlays. Students address complex issues of site grading, drainage, site structures, and material. Site grading continues to be developed as a means of integrating design intent with the practical aspects of site planning and design.</p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.4

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 63100				Course Subject & Number	Same			
Course Name	Landscape Architecture Studio III				Course Name	Same			
Prerequisite	LAAR 62100				Prerequisite	same			
Corequisite	none				Corequisite	<b>LAAR 66200 Advanced Visual Representation, LAAR 63300 Environmental Planning</b>			
Credits	6				Credits	Same			
Hours	8				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	In the third design studio of the MLA I sequence students produce professional documentation analyzing the socioenvironmental forces shaping a given urban site. A proposal that responds to the challenges of an explicit studio brief is developed with detailed plans and sections describing grading, planting, and materials. Students use that research to prepare a final set of drawings at the level of a professional Design Development package.				Description	The third design studio challenges students to analyze the social and environmental forces shaping a given urban site, as well as produce significantly developed design proposals and documentation. Design proposals respond to the challenges of a specific studio brief or position; proposals are developed with detailed plans and sections describing grading, planting, and materials. Students produce a final set of drawings at the level of a professional design development drawing package.			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.5

Effective: Fall 2021

From				To			
Career	Undergraduate	x	Graduate	Career	Undergraduate	x	Graduate
Course Subject & Number	LAAR 66200			Course Subject & Number	Same		
Course Name	Advanced Visual Representation			Course Name	Same		
Prerequisite	LAAR 61400			Prerequisite	Same		
Corequisite	none			Corequisite	<b>LAAR 63100 Landscape Arch Studio III, LAAR 63300 Environmental Planning</b>		
Credits	3			Credits	same		
Hours	3			Hours	same		
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online
	Online		Web Enhanced		Online		Web Enhanced
	Fully Online		Not Applicable		Fully Online		Not Applicable
Description	Current research and professional practice demand a great range of advanced visual representation techniques. Students will be instructed in how to conceptualize landscape design and research techniques including data-based infographics, advanced 3D rendering, animation, and 3D printing.			Description	Current landscape architecture research and professional practice demand a wide range of advanced visual representation techniques. Students will learn how to conceptualize landscape design and research techniques including digital data-based infographics, advanced three-dimensional rendering, animation and effects, scripting, and three-dimensional printing.		
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.						
General Education Designation	Not Applicable			General Education Designation	Not Applicable		
	College Option				College Option		
	Required				Required		
		English Composition				English Composition	
		Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning	
		Life and Physical Sciences				Life and Physical Sciences	
	Flexible				Flexible		
		World Cultures & Global Issues				World Cultures & Global Issues	
		US Experience in its Diversity				US Experience in its Diversity	
		Creative Expression				Creative Expression	
	Individual and Society			Individual and Society			
	Scientific World			Scientific World			

AV. 7.6

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 63300				Course Subject & Number	Same			
Course Name	Environmental Planning				Course Name	Same			
Prerequisite	LAAR 62700				Prerequisite	same			
Corequisite	none				Corequisite	<b>LAAR 66200 Advanced Visual Representation and LAAR 63100 Landscape Arch Studio III</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	<p><del>History and theory readings frame an examination of the physical environment of the New York City metropolitan region, including geology, soils, surface water, dominant weather systems, the changing climate, and plant communities, as the basis for an examination of urban infrastructure: circulatory, energy, economic, water supply and management, and solid and liquid waste systems. Large-scale planning initiatives in the New York area are examined from the perspective of how they address the complex local environmental ecologies. Students prepare colloquium presentations that explore current urban conditions in New York City from the perspective of the in-class urban landscape theory discussions..</del></p>				Description	<p><b>Theoretical texts frame an examination of techniques for mapping the physical environment of the New York City metropolitan region, including geology, soils, surface water, plant communities, and climate change impacts. These serve as the basis for an examination of urban infrastructure systems, including circulation, energy, water, and waste. Large-scale planning initiatives in the New York area are examined from the perspective of complex social and environmental ecologies. Students prepare geospatial mapping analyses that explore past, current, and future urban conditions in the urban environment.</b></p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
		English Composition					English Composition		
		Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning		
		Life and Physical Sciences					Life and Physical Sciences		
		Flexible					Flexible		
		World Cultures & Global Issues					World Cultures & Global Issues		
		US Experience in its Diversity					US Experience in its Diversity		
		Creative Expression					Creative Expression		
	Individual and Society				Individual and Society				
	Scientific World				Scientific World				

AV. 7.7

Effective: Fall 2021

From				To			
Career	Undergraduate	x	Graduate	Career	Undergraduate	x	Graduate
Course Subject & Number	LAAR 64100			Course Subject & Number	Same		
Course Name	Landscape Architecture Studio IV			Course Name	Same		
Prerequisite	LAAR 63100			Prerequisite	Same		
Corequisite	none			Corequisite	<b>LAAR 64400 Planting Design</b>		
Credits	6			Credits	same		
Hours	8			Hours	same		
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online
	Online		Web Enhanced		Online		Web Enhanced
	Fully Online		Not Applicable		Fully Online		Not Applicable
Description	The fourth design studio focuses on the complex and dynamic public space of New York City Housing. Students build on previous study to investigate the physical and cultural forces that shape a specific housing landscape. A master plan for expanded development (mixed use or mixed income) or in response to environmental inequity such as floodplain location is produced and issues are further explored through development of a detailed landscape plan.			Description	The fourth design studio focuses on the complex and dynamic public spaces and public infrastructures of New York City or other urban sites. Students build upon previous studio work to investigate the physical and cultural forces that shape a specific urban landscape. Comprehensive planning in response to topics such as environmental, social, and multi-species justice is developed. Social and cultural issues and inequities are further explored through the development of detailed landscape plans.		
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.						
General Education Designation	Not Applicable			General Education Designation	Not Applicable		
	College Option				College Option		
	Required				Required		
		English Composition				English Composition	
		Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning	
		Life and Physical Sciences				Life and Physical Sciences	
	Flexible				Flexible		
		World Cultures & Global Issues				World Cultures & Global Issues	
		US Experience in its Diversity				US Experience in its Diversity	
		Creative Expression				Creative Expression	
	Individual and Society			Individual and Society			
	Scientific World			Scientific World			

AV. 7.8

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 64150				Course Subject & Number	Same			
Course Name	Design Research				Course Name	Same			
Prerequisite	none				Prerequisite	same			
Corequisite	LAAR 65100				Corequisite	<b>Keep LAAR 65100, add LAAR 64700 Landscape Restoration</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	<p><del>Design research methodology is essential to landscape design practice. This class affords an opportunity for students to pursue in-depth research to develop skills in digital media and through exploration of local archives and record repositories to evolve a research a project that interests them. Students devise independent research propositions in landscape design and are guided through the process of research and then testing and supporting their assertions. The instructor guides reading lists and offers insight into contemporary theory. The process covers professional document formatting, inclusion of graphic information, and research and communication of ideas using advanced digital media.</del></p>				Description	<p><b>Design research methodology is essential to landscape architecture design practice. Students pursue in-depth research by exploring archives and record repositories. Digital communication skills are developed through the evolution of a research project as an independent proposition. Through a process of information collection and analysis, hypothesis testing, and thesis assertion, students communicate their design research using documents with graphic information as well as advanced digital media. Project-specific reading lists are developed by both the student and instructor.</b></p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.9

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 64700				Course Subject & Number	Same			
Course Name	Landscape Restoration				Course Name	Same			
Prerequisite	none				Prerequisite	Same			
Corequisite	none				Corequisite	<b>LAAR 65100 Landscape Arch Studio V and LAAR 64150 Design Research</b>			
Credits	6				Credits	same			
Hours	8				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p>This advanced course examines the theory, ethics, and practice of restoration, preservation, conservation, and ecological adaptation of the terrestrial and aquatic biomes of North America. Specific research attention is given to the management and adaptation policies of the US Department of Fish and Wildlife's publicly held federal lands, the National Wildlife Refuges, and the USDA Forest Service's Experimental Forests and Ranges. Strategies for ecological management and planting in degraded urban conditions are discussed with pragmatic tactics for improving the urban environment.</p>				Description	<p>This advanced course examines histories and theories of restoration, the question of preservation versus conservation, and novel strategies for both mitigation and adaptation to address ecological health in the current climate crisis. The course focuses on the terrestrial and aquatic biomes of North America. Students will question and rethink conceptions of restoration as a return to a past condition, and they will attempt to constitute a theory of dynamic ecological health that embraces novel ecosystems and natural disturbance regimes.</p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.10

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 64400				Course Subject & Number	Same			
Course Name	Planting Design				Course Name	Same			
Prerequisite	LAAR 61560				Prerequisite	same			
Corequisite	none				Corequisite	<b>LAAR 64100 Landscape Arch Studio IV</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	<p>Students explore the aesthetic potential of plant material to create compelling spaces with attention to techniques for anticipating growth rate, projecting mature form and seasonal character change. Environmental tolerances of plants in the designed landscape, particularly in constructed urban soil conditions and in areas devoid of supporting plant and biotic communities, are an important focus of the course. Technical aspects of plant material selection, nursery practices, planting plan production and plant specification are covered as well as implications of plant selection on landscape management practices.</p>				Description	<p>Students explore the aesthetic potential of plant material to create compelling spaces, with attention to techniques for anticipating growth rates, projecting mature form, and predicting seasonal character changes. Environmental tolerances of plants in the designed landscape, particularly in constructed urban soil conditions, are an important focus of the course. Technical aspects of plant material selection, nursery practices, planting plan production, and plant specification are discussed, as well as the implications of plant selection on landscape management practices.</p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited for style and clarity.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.11

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 65100				Course Subject & Number	Same			
Course Name	Landscape Architecture Studio V				Course Name	Same			
Prerequisite	LAAR 64100				Prerequisite	Same			
Corequisite	LAAR 64150				Corequisite	<b>Keep LAAR 64150, add LAAR 64700 Landscape Restoration</b>			
Credits	6				Credits	same			
Hours	8				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes			No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p>The fifth studio is structured around a theme relevant to global urban conditions that is playing out in another part of the United States but that is consistent with issues in the New York metropolitan region. The studio enables students to understand how to apply ideas and techniques from their previous coursework and studios in new contexts. Students are required to define key social, environmental, and ecological issues and explore the resolution of these issues, weighing the often conflicting demands of environmental mitigation and remediation, cultural habits of occupation, and economic and social constraints. Studio themes such as “shrinking” cities, urban water scarcity/plenty, and extra-regional scale infrastructure systems are examples of topics explored in the past several years.</p>				<b>Description</b>	<p>The fifth design studio is structured around a theme relevant to global urban conditions, but consistent with issues in the New York metropolitan region. Students are thus able to extend their localized knowledge to a broader and relevant new context. Students are required to define key social, environmental, and ecological issues and independently explore the resolution of these issues, weighing the often conflicting demands of environmental mitigation and remediation, cultural habits of occupation, and economic and social constraints.</p>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 66100			Course Subject & Number	same				
Course Name	<del>Comprehensive Studio</del>			Course Name	<b>Landscape Architecture Studio VI</b>				
Prerequisite	LAAR 65100			Prerequisite	same				
Corequisite	none			Corequisite	same				
Credits	6			Credits	same				
Hours	8			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	<p><del>The objective of the final project is to build independent conceptual processes and design skills in future academic and professional practitioners. To be considered complete for review, each project must test, through design, the objectives and rationale of a written project statement. It is in this phase of the program that the key objective of the school: to prepare students to design environmentally and socially vibrant landscapes for twenty-first century cities that address issues of increasing globalization, expanding urbanization, environmental and social system sustainability, the promotion of social and environmental justice, the need for transformed land management practices in response to diminishing natural resources, and the mitigation and adaptation to climate change, is tested.</del></p>			Description	<p><b>The objective of the sixth and final, comprehensive design studio is to enhance independent research methodologies, conceptual processes, and creative design skills necessary for transforming both academic and professional practice in the field of landscape architecture. Each student's project must test -- through site analysis, programmatic development, and a design proposition -- the objectives and rationale of an individually authored written project statement. This proposition is conceived as a dynamic hypothesis to be evolved and transformed throughout the semester.</b></p>				
Rationale	Course name has been edited for clarity in design studio sequence. Course description has been slightly edited to adapt to a variety of studio teaching methodologies.								
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable			
		College Option				College Option			
		Required				Required			
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible				Flexible			
			World Cultures & Global Issues				World Cultures & Global Issues		
		US Experience in its Diversity			US Experience in its Diversity				
		Creative Expression			Creative Expression				
		Individual and Society			Individual and Society				
		Scientific World			Scientific World				

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 65300			Course Subject & Number	same				
Course Name	Professional Practice			Course Name	same				
Prerequisite	none			Prerequisite	same				
Corequisite	none			Corequisite	same				
Credits	3			Credits	same				
Hours	3			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No		
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online		
	Online		Web Enhanced		Online		Web Enhanced		
	Fully Online		Not Applicable		Fully Online		Not Applicable		
Description	<p><del>This course introduces the range of practice undertaken by qualified landscape architects at site scale and planning scale in both the public and private sectors. The course will familiarize students with the range of legal and administrative requirements of practice and office projects, from the pursuit of work, preparation of proposals, contracting of services, design documentation, specifications, bidding, and construction administration, to final client hand-over and ongoing management of liability.</del></p>			Description	<p><b>This course introduces the range of professional practice undertaken by qualified landscape architects at the site and planning scale in both the public and private sectors. The course familiarizes students with the range of legal and administrative requirements of practice and office projects. Topics explored include the pursuit of work, preparation of proposals, contracting of services, design and construction documentation, specifications, bidding, and construction administration. Final project hand-over to clients, project maintenance, and the ongoing management of liability are also discussed.</b></p>				
Rationale	Course description has been slightly edited for clarity and style.								
General Education Designation	Not Applicable			General Education Designation	Not Applicable				
	College Option				College Option				
	Required				Required				
	English Composition				English Composition				
	Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning				
	Life and Physical Sciences				Life and Physical Sciences				
	Flexible				Flexible				
	World Cultures & Global Issues				World Cultures & Global Issues				
	US Experience in its Diversity				US Experience in its Diversity				
	Creative Expression				Creative Expression				
Individual and Society			Individual and Society						
Scientific World			Scientific World						

AV. 7.14

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 61500				Course Subject & Number	same			
Course Name	<del>Intro to Ecology and GIS</del>				Course Name	<b>Introduction to Ecology/Plant Identification</b>			
Prerequisite	none				Prerequisite	same			
Corequisite	none				Corequisite	same			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p><del>This course provides an introduction to ecological theory and physical geography used as a basis for understanding ecological systems. The interrelationships of geophysical form, climate, surface and subsurface hydrology, and soils are communicated to enable students to understand the complexity of design intervention in natural processes. GIS instruction is incorporated into this class so that students cement their understanding of the system dynamics through data analysis and geospatial mapping.</del></p>				Description	<p><b>This course provides an introduction to ecological theory and physical geography by using the environs of New York City as a living laboratory for the study and investigation of plant material and ecological systems. Students identify and observe local flora, seeking to understand relationships among ecological function, plant habitat, plant associations, soils, and hydrology in both natural systems and designed landscapes. The course includes field trips to public parks, botanical gardens, and arboreta.</b></p>			
Rationale	<p>Course name and description have been adjusted to address sequencing shift in existing course content in this course and LAAR 65160. Introductory general plant identification and ecology is shifted to the first year of the program's curriculum, while the more specific course on urban plants in urban ecosystems is shifted to the second year. The course description has also been edited to clarify content.</p>								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 7.15

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 65160			Course Subject & Number	same				
Course Name	<del>Urban Plants/Plant Identification</del>			Course Name	<b>Urban Plants</b>				
Prerequisite	none			Prerequisite	same				
Corequisite	none			Corequisite	same				
Credits	3			Credits	same				
Hours	3			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<del>This course uses the environs of New York City as a living laboratory for the study and investigation of plant material. Students identify and observe local flora, seeking to understand function in natural systems and the potential for growth and propagation. Plants in native communities—as components of natural systems—are compared with plants in the designed landscape to ascertain functional changes in habitat and in soil/ hydrology systems. The class work is augmented by field trips to botanical gardens and arboreta.</del>			Description	<b>This course investigates plants as the quintessential material of urban landscape architecture. By building skills and knowledge drawn from the expertise of botanists, professional gardeners, and horticulturalists, the course connects plant knowledge with the workings of the larger urban ecosystem, including urban design, policy, civic infrastructure, funding, phasing, and maintenance. Students will develop analytic drawings that explore the multifaceted ways in which plants and humans connect in the urban ecosystem.</b>				
Rationale	Course name and description have been adjusted to address sequencing shift in existing course content in this course and LAAR 61500. Introductory general plant identification and ecology is shifted to the first year of the program's curriculum, while this more specific course on urban plants in urban ecosystems is shifted to the second year. The course description has also been edited to clarify content.								
General Education Designation		Not Applicable		General Education Designation		Not Applicable			
		College Option			College Option				
		Required			Required				
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible			Flexible				
			World Cultures & Global Issues				World Cultures & Global Issues		
			US Experience in its Diversity				US Experience in its Diversity		
			Creative Expression				Creative Expression		
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	LAAR 62700				Course Subject & Number	same			
Course Name	Field Ecology				Course Name	<b>Urban Ecology</b>			
Prerequisite	none				Prerequisite	same			
Corequisite	none				Corequisite	same			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	<p>The course examines the functions within and the structures of ecological systems, leading to an understanding of the effects of human activity on the biotic and abiotic component of these systems. The ecological and ethical ramifications of global or local alteration of natural systems are explored to present the larger context in which landscape design is practiced. Special emphasis is placed on the impacts of urbanization on regional ecologies through studying plant communities. The course focus is on an array of field trips to urban landscapes that are emblematic of the confluence of social, cultural, and environmental forces in the city.</p>				Description	<p><b>This course examines the ways that ecological systems function in the urban environment. The intertwined relationships between humans and so-called natural systems are explored, leading to an understanding of the effects of human activity on the biotic and abiotic components of urban systems. The course includes field trips to urban landscapes that are emblematic of the confluence of social, cultural, and environmental forces in the city. Geospatial analytic mapping is incorporated to spatialize the complex and dynamic systems present in urban ecologies.</b></p>			
Rationale	<p>Course name has been changed to adequately capture the course content, which is “urban ecology,” not the more traditional “field ecology.” The course description has also been edited to clarify content and the inclusion of geospatial analytic mapping.</p>								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.1

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 61100				Course Subject & Number	Same			
Course Name	Architecture Studio 1.1				Course Name	Same			
Prerequisite	none				Prerequisite	same			
Corequisite	none				Corequisite	<b>Arch 61001 Digital Tech, Arch 62301 Materials Construction</b>			
Credits	6				Credits	Same			
Hours	8				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	The first in a sequence of four core design studios, this course is based around a series of skill-building exercises which train students in architectonics, spatial composition, diagramming techniques, architectural theory, passive solar design and principles of materials and fabrication. All exercises are designed to develop the student's abilities to translate spatial concepts into physical design proposals.				Description	<b>SAME</b>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.2

Effective: Fall 2021

From				To					
Career	<input type="checkbox"/>	Undergraduate	<input checked="" type="checkbox"/>	Graduate	Career	<input type="checkbox"/>	Undergraduate	<input checked="" type="checkbox"/>	Graduate
Course Subject & Number	Arch 61001			Course Subject & Number	Same				
Course Name	Digital Techniques			Course Name	Same				
Prerequisite	none			Prerequisite	Same				
Corequisite	none			Corequisite	<b>Add Arch 61100 Arch Studio 1.1, Arch 62301 Materials/Construction S</b>				
Credits	3			Credits	same				
Hours	4			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online	Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online
	<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced		<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced
	<input type="checkbox"/>	Fully Online	<input type="checkbox"/>	Not Applicable		<input type="checkbox"/>	Fully Online	<input type="checkbox"/>	Not Applicable
Description	Introduction to digital technology. Through lectures and laboratory assignments, students learn the basics of digital drawing, modeling, and rendering. Focus on software such as Rhino, AutoCAD, Adobe Illustrator, and Photoshop.			Description	<b>Same</b>				
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation	<input type="checkbox"/>	Not Applicable		General Education Designation	<input type="checkbox"/>	Not Applicable			
	<input type="checkbox"/>	College Option			<input type="checkbox"/>	College Option			
	<input type="checkbox"/>	Required			<input type="checkbox"/>	Required			
	<input type="checkbox"/>	<input type="checkbox"/>	English Composition		<input type="checkbox"/>	<input type="checkbox"/>	English Composition		
	<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning		<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning		
	<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences		<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences		
	<input type="checkbox"/>	Flexible			<input type="checkbox"/>	Flexible			
	<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues		<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues		
	<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity		<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity		
	<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression		<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression		
<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society	<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society				
<input type="checkbox"/>	<input type="checkbox"/>	Scientific World	<input type="checkbox"/>	<input type="checkbox"/>	Scientific World				

AV. 8.3

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 62301			Course Subject & Number	Same				
Course Name	Materials/Construction S			Course Name	Same				
Prerequisite	none			Prerequisite	Same				
Corequisite	<del>none</del>			Corequisite	<b>Add Arch 61100 Arch Studio 1.1, Arch 61001 Digital Tech</b>				
Credits	3			Credits	same				
Hours	3			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	An investigation into the systems, techniques, and materials employed in the making of architecture. Focus on case studies in wood, masonry, and other construction materials.			Description	<b>Same</b>				
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable		General Education Designation		Not Applicable			
		College Option				College Option			
		Required				Required			
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible				Flexible			
			World Cultures & Global Issues				World Cultures & Global Issues		
			US Experience in its Diversity				US Experience in its Diversity		
			Creative Expression				Creative Expression		
		Individual and Society			Individual and Society				
		Scientific World			Scientific World				

AV. 8.4

Effective: Fall 2021

From				To			
Career	Undergraduate	x	Graduate	Career	Undergraduate	x	Graduate
Course Subject & Number	Arch 62100			Course Subject & Number	Same		
Course Name	Architecture Studio 1.2			Course Name	Same		
Prerequisite	Arch 61100 Studio 1.1			Prerequisite	Same		
Corequisite	none			Corequisite	<b>Add Arch 62001 Visual Studies, Arch 61301 Materials/Construction L</b>		
Credits	6			Credits	same		
Hours	8			Hours	same		
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes		No
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online
	Online		Web Enhanced		Online		Web Enhanced
	Fully Online		Not Applicable		Fully Online		Not Applicable
Description	The second core studio builds upon the experience of the previous studio through a series of increasingly complex design problems. Using Manhattan as a laboratory, students are introduced to the urban context and explore a range of building types with nuanced and complex programs. Through the rigorous study of building precedents and site visits, students address the role of architecture in the public realm.			Description	<b>Same</b>		
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.						
General Education Designation	Not Applicable			General Education Designation	Not Applicable		
	College Option				College Option		
	Required				Required		
		English Composition				English Composition	
		Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning	
		Life and Physical Sciences				Life and Physical Sciences	
	Flexible				Flexible		
		World Cultures & Global Issues				World Cultures & Global Issues	
		US Experience in its Diversity				US Experience in its Diversity	
		Creative Expression				Creative Expression	
	Individual and Society			Individual and Society			
	Scientific World			Scientific World			

AV. 8.5

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 62001				Course Subject & Number	Same			
Course Name	Visual Studies				Course Name	Same			
Prerequisite	Arch 61001 Digital Tech				Prerequisite	Same			
Corequisite	none				Corequisite	<b>Add Arch 62100 Arch Studio 1.2, Arch 61301 Materials/Construction L</b>			
Credits	3				Credits	same			
Hours	4				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	Building upon the lessons learned in Digital Techniques, students sharpen their critical representation skills with a series of multi-media drawing and model-making exercises.				Description	Same			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.6

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 61301				Course Subject & Number	Same			
Course Name	Materials/Construction L				Course Name	Same			
Prerequisite	none				Prerequisite	Same			
Corequisite	none				Corequisite	<b>Add Arch 62100 Arch Studio 1.2, Arch 62001 Visual Studies</b>			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	An investigation into the systems, techniques, and materials employed in the making of architecture. Focus on case studies in concrete, steel and other construction materials.				Description	<b>Same</b>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.7

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 74100				Course Subject & Number	Same			
Course Name	Architecture Studio 1.4				Course Name	Same			
Prerequisite	Arch 71301 Building Modeling				Prerequisite	Same			
Corequisite	none				Corequisite	<b>Arch 73401 Structures 2</b>			
Credits	9				Credits	same			
Hours	12				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	The fourth and final studio in the four-semester core sequence focuses on building systems integration, structural systems, and technical documentation. In this integrative design studio students develop a building from schematic design through design development, and finally through the construction documents phase. With an emphasis on energy efficiency, this studio provides students with an opportunity to synthesize the knowledge they have acquired in their core studies with respect to program preparation, sustainable design and building technology.				Description	Same			
Rationale	This coreq addition, made in conjunction with the curricular sequence change proposed via the Change in Program Requirements form, will formalize the expectation that these classes be taken concurrently. Coursework in these required classes will be interlinked.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.8

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 73401				Course Subject & Number	Same			
Course Name	Structures 2- Design of Structural Elements				Course Name	Same			
Prerequisite	Arch 62401 Structures I Intro to Structures				Prerequisite	Same			
Corequisite	none				Corequisite	<b>Arch 74100 Architecture Studio 1.4</b>			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	Introduction to structural materials including steel, concrete, and wood. Basic principles of analyses and design with respect to various materials.				Description	Same			
Rationale	This coreq addition, made in conjunction with the curricular sequence change proposed via the Change in Program Requirements form, will formalize the expectation that these classes be taken concurrently. Coursework in these required classes will be interlinked.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.9

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 85101				Course Subject & Number	Same			
Course Name	Advanced Studio				Course Name	Same			
Prerequisite	Arch 74501, Arch 74401, and Arch 85201				Prerequisite	<b>Arch 74501 and Arch 85201</b>			
Corequisite	none				Corequisite	<b>Add Arch 85200 Design Seminar</b>			
Credits	6				Credits	same			
Hours	8				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	Students will be placed in one of an array of diverse advanced studio offerings, developed to provide students opportunity to deeply engage topics within the expansive discipline of architecture, and reflective of the expertise and interests of the full design faculty. Studio project sizes, types and sites will vary, along with pedagogical methods. Course is taken two times in sequence to meet third year M Arch program requirements. Repeatable two times.				Description	Same			
Rationale	Coursework in these required classes is interlinked. (Please note these are both repeatable courses.) This coreq addition will formalize the expectation that these classes be taken concurrently. The removal of one prerequisite accommodates the curricular sequence change proposed via the Change in Program Requirements form.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 85200				Course Subject & Number	Same			
Course Name	Design Seminar				Course Name	Same			
Prerequisite	Arch 85201 Survey of World Arch IV				Prerequisite	Same			
Corequisite	none				Corequisite	<b>Arch 85101 Advanced Studio</b>			
Credits	3				Credits	Same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	This required seminar course focuses on special topics of study that support and broaden the 3rd year M. Arch. design curriculum. Repeatable 2 times.				Description	Same			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently. (Please note these are both repeatable courses.)								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.11

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 91102				Course Subject & Number	Same			
Course Name	Advanced Studio				Course Name	Same			
Prerequisite	none				Prerequisite	Same			
Corequisite	<del>none</del>				Corequisite	<b>Arch 91202 Studio Seminar I</b>			
Credits	6				Credits	Same			
Hours	8				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	Students will be placed in one of an array of diverse advanced studio offerings, developed to provide students opportunity to deeply engage topics within the expansive discipline of architecture, and reflective of the expertise and interests of the full design faculty. Studio project sizes, types and sites will vary, along with pedagogical methods. Students complete 3 Advanced Studios to meet program requirements.				Description	<b>SAME</b>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.12

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 91202				Course Subject & Number	Same			
Course Name	Design Seminar I				Course Name	Same			
Prerequisite	none				Prerequisite	same			
Corequisite	<del>none</del>				Corequisite	<b>Arch 91102 Advance Studio I</b>			
Credits	3				Credits	same			
Hours	3				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	This required seminar course focuses on special topics of study that support and broaden the Advanced Studio design curriculum. Students complete 2 Design Seminars to meet program requirements.				Description	<b>Same</b>			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.13

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 92102				Course Subject & Number	Same			
Course Name	Advance Studio				Course Name	Same			
Prerequisite	none				Prerequisite	Same			
Corequisite	<del>none</del>				Corequisite	<b>Arch 92202 Design Seminar II</b>			
Credits	6				Credits	same			
Hours	8				Hours	same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	Students will be placed in one of an array of diverse advanced studio offerings, developed to provide students opportunity to deeply engage topics within the expansive discipline of architecture, and reflective of the expertise and interests of the full design faculty. Studio project sizes, types and sites will vary, along with pedagogical methods. Students complete 3 Advanced Studios to meet program requirements.				Description	Same			
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable			General Education Designation		Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 8.14

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	Arch 92202			Course Subject & Number	Same				
Course Name	Design Seminar II			Course Name	Same				
Prerequisite	none			Prerequisite	Same				
Corequisite	<del>none</del>			Corequisite	<b>Arch 92102 Advance Studio</b>				
Credits	3			Credits	same				
Hours	3			Hours	same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes		No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	This required seminar course focuses on special topics of study that support and broaden the Advanced Studio design curriculum. Students complete 2 Design Seminars to meet program requirements.			Description	Same				
Rationale	Coursework in these required classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently.								
General Education Designation		Not Applicable		General Education Designation		Not Applicable			
		College Option				College Option			
		Required				Required			
			English Composition				English Composition		
			Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning		
			Life and Physical Sciences				Life and Physical Sciences		
		Flexible				Flexible			
			World Cultures & Global Issues				World Cultures & Global Issues		
			US Experience in its Diversity				US Experience in its Diversity		
			Creative Expression				Creative Expression		
		Individual and Society			Individual and Society				
		Scientific World			Scientific World				

AV. 9.1

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	UD 61001				Course Subject & Number	Same			
Course Name	Urban Design Studio I				Course Name	Same			
Prerequisite					Prerequisite				
Corequisite	None				Corequisite	UD 61004 Ecologies I			
Credits	7				Credits	Same			
Hours	10				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	Working both collaboratively and individually, students will pursue the design of an autonomous city in an abstracted setting. The studio-utopian in mood-investigates principles and practices of city design at regional, urban, neighborhood, and architectural scales and engages a wide variety of analytical, representational, and expressive media.				Description	<b>SAME</b>			
Rationale	Coursework in these two classes is interlinked. Both are required courses that must be taken at the same time.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 9.2

Effective: Fall 2021

From				To					
Career		Undergraduate	<b>X</b>	Graduate	Career		Undergraduate	<b>X</b>	Graduate
Course Subject & Number	UD 61004				Course Subject & Number	Same			
Course Name	Urban Ecologies I				Course Name	Same			
Prerequisite					Prerequisite				
Corequisite	none				Corequisite	<b>UD 61001 – Urban Design Studio I</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	x	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	x	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	An investigation of the place of the city in a variety of planetary and natural systems that seeks to define the limits of urban sustainability. Using the concept of the urban "ecological footprint", the course examines the practical boundaries of urban growth, the interaction cities and the environment, the cycles of urban respiration and development, and the fundamentals of a sustainable urban economy.				Description	<b>Same</b>			
Rationale	Coursework in these two classes is interlinked. Both are required courses that must be taken at the same time.								
General Education Designation	<b>x</b>	Not Applicable			General Education Designation	<b>x</b>	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 9.3

Effective: Fall 2021

From				To					
Career		Undergraduate	x	Graduate	Career		Undergraduate	x	Graduate
Course Subject & Number	UD 62001				Course Subject & Number	Same			
Course Name	Urban Design Studio II				Course Name	Same			
Prerequisite	<del>none</del>				Prerequisite	<b>UD 61001 Urban Design Studio I, UD 61004 Urban Ecologies I</b>			
Corequisite	<del>None</del>				Corequisite	<b>UD 62004 Ecologies II</b>			
Credits	7				Credits	Same			
Hours	10				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	The second urban design studio will incorporate strategies and methods developed in the first semester in the investigation of a large urban site in New York City. Drawing on a variety of "real world" influences and sources, students will produce viable designs that investigate the interplay of scale, site, program, and vision.				Description	SAME			
Rationale	Coursework in these two classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently, whereas the prereq addition ensures that they are taken in the intended order within the curriculum.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 9.4

Effective: Fall 2021

From				To					
Career		Undergraduate	<b>X</b>	Graduate	Career		Undergraduate	<b>X</b>	Graduate
Course Subject & Number	UD 62004				Course Subject & Number	Same			
Course Name	Urban Ecologies II				Course Name	Same			
Prerequisite	<del>none</del>				Prerequisite	<b>UD 61001 Urban Design Studio I, UD 61004 Urban Ecologies I</b>			
Corequisite	<del>none</del>				Corequisite	<b>UD 62001 Urban Design Studio II</b>			
Credits	3				Credits	Same			
Hours	3				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	x	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	x	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online		Not Applicable			Fully Online		Not Applicable
Description	The second semester of the ecology sequence is focused both on ways in which the city provides a setting and a medium for a variety of human interactions and organizations and on the ways in which the city collaborates in the invention of "people" and in teaching them how to be, how to exist, in the modern world. It explores some of the basic forms of metropolitan life-the crowd, the street, the park, the mass transit system, the store, the office, etc.-as well of forms of loneliness, mass-association, art, entertainment, and politics-via a variety of imaginative and critical texts.				Description	<b>Same</b>			
Rationale	Coursework in these two classes is interlinked. This coreq addition will formalize the expectation that these classes be taken concurrently, whereas the prereq addition ensures that they are taken in the intended order within the curriculum.								
General Education Designation	<b>*</b>	Not Applicable			General Education Designation	<b>x</b>	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 9.5

Effective: Fall 2021

From				To					
Career	<input checked="" type="checkbox"/>	Undergraduate	<input type="checkbox"/>	Graduate	Career	<input checked="" type="checkbox"/>	Undergraduate	<input type="checkbox"/>	Graduate
Course Subject & Number	ARCH 11100			Course Subject & Number	Same				
Course Name	Core Studio 1			Course Name	Same				
Prerequisite				Prerequisite					
Corequisite	None			Corequisite	<b>AES 11300 - Visual Studies 1</b>				
Credits	4			Credits	Same				
Hours	8			Hours	Same				
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online	Online/Hybrid	<input type="checkbox"/>	Hybrid	<input type="checkbox"/>	Partially Online
	<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced		<input type="checkbox"/>	Online	<input type="checkbox"/>	Web Enhanced
	<input type="checkbox"/>	Fully Online	<input type="checkbox"/>			<input type="checkbox"/>	Fully Online	<input type="checkbox"/>	
Description	In this introductory studio, students will be introduced to core architectural design competencies in craft, scale, form and dwelling in environments. Format is a sequence of short exercises.			Description	Same				
Rationale	Core Studio and Visual Studies have been combined to support the work in each course. Both are required courses that must be taken in order, at the same time.								
General Education Designation	<input checked="" type="checkbox"/>	Not Applicable		General Education Designation	<input checked="" type="checkbox"/>	Not Applicable			
	<input type="checkbox"/>	College Option			<input type="checkbox"/>	College Option			
	<input type="checkbox"/>	Required			<input type="checkbox"/>	Required			
	<input type="checkbox"/>	<input type="checkbox"/>	English Composition		<input type="checkbox"/>	<input type="checkbox"/>	English Composition		
	<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning		<input type="checkbox"/>	<input type="checkbox"/>	Mathematics and Quantitative Reasoning		
	<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences		<input type="checkbox"/>	<input type="checkbox"/>	Life and Physical Sciences		
	<input type="checkbox"/>	Flexible			<input type="checkbox"/>	Flexible			
	<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues		<input type="checkbox"/>	<input type="checkbox"/>	World Cultures & Global Issues		
	<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity		<input type="checkbox"/>	<input type="checkbox"/>	US Experience in its Diversity		
	<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression		<input type="checkbox"/>	<input type="checkbox"/>	Creative Expression		
<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society	<input type="checkbox"/>	<input type="checkbox"/>	Individual and Society				
<input type="checkbox"/>	<input type="checkbox"/>	Scientific World	<input type="checkbox"/>	<input type="checkbox"/>	Scientific World				

AV. 9.6

Effective: Fall 2021

From					To				
Career	x	Undergraduate		Graduate	Career	x	Undergraduate		Graduate
Course Subject & Number	ARCH 12000				Course Subject & Number	Same			
Course Name	Core Studio 2				Course Name	Same			
Prerequisite					Prerequisite				
Corequisite	<del>None</del>				Corequisite	<b>AES 12300</b>			
Credits	4				Credits	Same			
Hours	8				Hours	Same			
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)		Yes	X	No
Online/Hybrid		Hybrid		Partially Online	Online/Hybrid		Hybrid		Partially Online
		Online		Web Enhanced			Online		Web Enhanced
		Fully Online					Fully Online		
Description	In this introductory studio, students will be introduced to core architectural design competencies in craft, scale, form and dwelling in environments. Format is a sequence of short exercises.				Description	SAME			
Rationale	Core Studio and Visual Studies have been combined to support the work in each course. Both are required courses that must be taken in order, at the same time.								
General Education Designation	X	Not Applicable			General Education Designation	X	Not Applicable		
		College Option					College Option		
		Required					Required		
			English Composition					English Composition	
			Mathematics and Quantitative Reasoning					Mathematics and Quantitative Reasoning	
			Life and Physical Sciences					Life and Physical Sciences	
		Flexible					Flexible		
			World Cultures & Global Issues					World Cultures & Global Issues	
			US Experience in its Diversity					US Experience in its Diversity	
			Creative Expression					Creative Expression	
		Individual and Society				Individual and Society			
		Scientific World				Scientific World			

AV. 9.7

Effective: Fall 2021

From				To			
Career	x	Undergraduate	Graduate	Career	x	Undergraduate	Graduate
Course Subject & Number	AES 11300			Course Subject & Number	Same		
Course Name	Visual Studies 1			Course Name	Same		
Prerequisite				Prerequisite			
Corequisite	None			Corequisite	Arch 11100 – Core Studio 1		
Credits	2			Credits	Same		
Hours	3			Hours	Same		
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online
	Online		Web Enhanced		Online		Web Enhanced
	Fully Online				Fully Online		
Description	<p>Visual Studies 1 is an introductory course that focuses on the topics of analog and digital drawing and modeling in architectural design. The course emphasizes how the computer can be engaged in architectural design and visualization methods, and introduces students to operative procedures, techniques and technologies for constructing drawings and models that support and promote formal and spatial discoveries. Principles in descriptive geometry will provide the underpinnings for creating visual expressions of shapes and volumes that explore the relationship between analog/digital and two-dimensional/three-dimensional information. The communication of design intent will be established through the understanding of line work, tone, color and other drawing conventions rooted in historical and contemporary modes of architectural representation.</p>			Description	SAME		
Rationale	Core Studio and Visual Studies have been combined to support the work in each course. Both are required courses that must be taken in order, at the same time.						
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable	
		College Option				College Option	
		Required				Required	
		English Composition				English Composition	
		Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning	
		Life and Physical Sciences				Life and Physical Sciences	
		Flexible				Flexible	
		World Cultures & Global Issues				World Cultures & Global Issues	
		US Experience in its Diversity				US Experience in its Diversity	
		Creative Expression				Creative Expression	
	Individual and Society			Individual and Society			
	Scientific World			Scientific World			

AV. 9.8

Effective: Fall 2021

From				To			
Career	x	Undergraduate	Graduate	Career	x	Undergraduate	Graduate
Course Subject & Number	AES 12300			Course Subject & Number	Same		
Course Name	Visual Studies 2			Course Name	Same		
Prerequisite				Prerequisite			
Corequisite	None			Corequisite	Arch 12000 – Core Studio 2		
Credits	2			Credits	Same		
Hours	3			Hours	Same		
<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No	<a href="#">Liberal Arts &amp; Sciences</a> (As defined by NYSED)	Yes	X	No
Online/Hybrid	Hybrid		Partially Online	Online/Hybrid	Hybrid		Partially Online
	Online		Web Enhanced		Online		Web Enhanced
	Fully Online				Fully Online		
Description	<p>Visual Studies 2 is an introductory course that focuses on the topics of analog and digital drawing and modeling in architectural design. The course emphasizes how the computer can be engaged in architectural design and visualization methods, and introduces students to operative procedures, techniques and technologies for constructing drawings and models that support and promote formal and spatial discoveries. Principles in descriptive geometry will provide the underpinnings for creating visual expressions of shapes and volumes that explore the relationship between analog/digital and two-dimensional/three-dimensional information. The communication of design intent will be established through the understanding of line work, tone, color and other drawing conventions rooted in historical and contemporary modes of architectural representation.</p>			Description	SAME		
Rationale	Core Studio and Visual Studies have been combined to support the work in each course. Both are required courses that must be taken in order, at the same time.						
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable	
		College Option				College Option	
		Required				Required	
		English Composition				English Composition	
		Mathematics and Quantitative Reasoning				Mathematics and Quantitative Reasoning	
		Life and Physical Sciences				Life and Physical Sciences	
		Flexible				Flexible	
		World Cultures & Global Issues				World Cultures & Global Issues	
		US Experience in its Diversity				US Experience in its Diversity	
		Creative Expression				Creative Expression	
	Individual and Society			Individual and Society			
	Scientific World			Scientific World			

Effective: Fall 2021

From				To			
Career	x	Undergraduate	Graduate	Career	x	Undergraduate	Graduate
Course Subject & Number	WS 34500			Course Subject & Number	Same		
Course Name	<del>Political Writing and Form</del>			Course Name	<b>Political Writing and Project Development</b>		
Prerequisite	Open to Beyond Identity Students Only			Prerequisite	Same		
Corequisite	None			Corequisite	Same		
Credits	3			Credits	Same		
Hours	3			Hours	Same		
<u>Liberal Arts &amp; Sciences</u> (As defined by NYSED)	X	Yes	No	<u>Liberal Arts &amp; Sciences</u> (As defined by NYSED)	X	Yes	No
Online/Hybrid		Hybrid	Partially Online	Online/Hybrid		Hybrid	Partially Online
		Online	Web Enhanced			Online	Web Enhanced
		Fully Online				Fully Online	
Description	<del>This course examines Political writing and form.</del>			Description	<b>This course examines political writing in the context of students' project development.</b>		
Rationale	A yearlong writing course for students in the Beyond Identity Program. This course is repeatable (1) time.						
General Education Designation	X	Not Applicable		General Education Designation	X	Not Applicable	
		College Option				College Option	
		Required				Required	
		Flexible				Flexible	
			World Cultures & Global Issues			World Cultures & Global Issues	
			US Experience in its Diversity			US Experience in its Diversity	
			Creative Expression			Creative Expression	
			Individual and Society			Individual and Society	