Architecture

This section presents the requirements for programs in:

- M. Architectural Studies
- M. Architecture 2-year stream
- M. Architecture 3-year stream
- Ph.D. Architecture
- Graduate Diploma in Architectural Conservation

Program Requirements

M. Architectural Studies (6.0 credits)

General Requirements:

1. 3.5 credits in core courses	3.5
2. 0.5 credit in elective course credit	0.5
3. 2.0 credits in thesis, which must be defended at an oral examination	2.0
Total Credits	6.0

Specific Requirements:

Year 1

Fall Term

ARCH	5301 [0.5]	Seminar: Vitruvian Exercises I
ARCN	5301 [0.5]	Workshop: Daedalic Exercises I
ARCH	5101 [1.0]	Colloquium I (over two terms)
Winter To	erm	
ARCH	5302 [0.5]	Seminar II: Vitruvian Exercises II
ARCN	5302 [0.5]	Workshop: Daedalic Exercises II
ARCH	5101 [1.0]	Colloquium I (continued from Fall Term)
Year 2		

Fall Term

ARCH 5003 [0.5]	Design and Culture Workshop
ARCT 5909 [2.0]	M.A.S. Thesis ¹
Winter Term	

Winter Term ARCT 5909 [2.0] M.A.S. Thesis ¹

0.5 credit in elective from courses at the 5000-level or above, approved by the Associate Director (Graduate Programs)

¹ ARCT 5909 [2.0] normally extends over two terms.

M. Architecture 2-year stream (8.0 credits)

General Requirements (8.0 credits):		
1. 2.0 credits in core courses	2.0	
2. 1.0 credit in elective courses	1.0	
3. 3.0 credits in studio courses	3.0	
 2.0 credits in Thesis, which must defended at an oral examination 		
Total Credits	8.0	
Specific Requirements:		

Year 1

Fall Term

ARCH 5200 [0.5]	Graduate Seminar 1: Introduction to Critical Thought in Architecture
ARCC 5100 [0.5]	Advanced Building Systems
ARCS 5105 [1.5]	Graduate Studio 1

ARCC 5200 [0.5] or 0.5 credit elective from courses at the 5000-level or above, approved by the Associate Director (Graduate Programs)

Winter Term

	winter lerm		
	ARCH 5201 [0.5]	Graduate Seminar 2: Contemporary Theoretical Perspectives in Architecture	
	ARCS 5106 [1.5]	Graduate Studio 2	
	above, approved by Programs)	from courses at the 5000-level or the Associate Director (Graduate	
Ye	ear 2		
	Fall Term		
	ARCS 5909 [2.0]	Thesis - Independent Study (See Note 1, below)	
	or ARCN 5909 [2	Thesis - Directed Research Studio	(DRS)
		credit elective from courses at ove, approved by the Associate Programs)	
	Winter Term		
	ARCS 5909 [2.0]	Thesis - Independent Study (See Note 1, below)	
	or ARCN 5909 [2	. Offiesis - Directed Research Studio	(DRS)
		from courses at the 5000-level or the Associate Director (Graduate	
М	,	-year stream (13.0 credits)	
		,	
Сι	urriculum	s (13.0 credits) - Program Core	4 5
	1.5 credits in core		1.5
	6.0 credits in studie		6.0
	1.0 credit in History		1.0
	2.5 credits in electi 2.0 credits in:	1000	2.5 2.0
J.	ARCN 5909 [2.0]	Thesis - Directed Research Studio (DRS) (which must be defended at an oral examination)	2.0
То	tal Credits		13.0
co re Pr Cι	urses are required ir quirements (Student ofessional Program.	ram Core Curriculum, the following order to meet the Accreditation Performance Criteria) of the The following Professional to fulfill the elective requirements in	
	-	tectural Technology courses	3.0
		orehensive studio courses	1.5
3.	0.5 credit in Comp	uter Modeling	0.5
4.	1.0 credit in History	y/Theory of Architecture courses	1.0
То	tal Credits		6.0
	pecific Requirement ear 1	ts - Core Curriculum	
	ull Term		2.5
. 0	0.5 credit in elective		2.0
	ARCS 5102 [1.5]		
	0.5 credit in History		
w	inter Term		2.5
	0.5 credit in elective		
		M.Arch. 1 - Studio II	

	0.5 in elective		
Ye	ar 2		
Fa	all Term		2.5
	ARCH 5200 [0.5]	Graduate Seminar 1: Introduction to Critical Thought in Architecture	
	0.5 credit in elective		
	ARCS 5105 [1.5]	Graduate Studio 1	
W	inter Term		2.5
	ARCH 5201 [0.5]	Graduate Seminar 2: Contemporary Theoretical Perspectives in Architecture	
	0.5 credit in elective		
	ARCS 5106 [1.5]	Graduate Studio 2	
Ye	ear 3		
Fa	all Term		2.5
	ARCN 5909 [2.0]	Thesis - Directed Research Studio (DRS)	
	ARCC 5200 [0.5]	Professional Practice	
W	inter Term		0.5
	ARCN 5909 [2.0]	Thesis - Directed Research Studio (DRS)	
	0.5 credit in History	and Theory elective	
Тс	otal Credits		13.0
Р	ofessional Curricu	lum Course List	
	ARCC 5096 [0.5]	Building Technology I	
	ARCH 5010 [0.5]	History and Theory of Modern Architecture	
	ARCC 5097 [0.5]	Building Technology II	
	ARCN 5000 [0.5]	Directed Studies in Computer-	
		Aided Design	
	ARCN 5005 [0.5]	Theory and Practice of Architectural Representation	
	ARCC 5098 [0.5]	Building Technology III	
	ARCC 4500 [0.5]	Design Economics	
	ARCS 5104 [1.5]	M.Arch. 1 - Studio III	
	ARCC 5099 [0.5]	Building Technology IV	
-	ARCC 5100 [0.5]	Advanced Building Systems	
	ore and Profession	al Curriculum	
	ear 1		
۲a	ADCC 5006 (0.5)	Duilding Technology	
	ARCC 5096 [0.5]	Building Technology I	
	ARCS 5102 [1.5] ARCH 5010 [0.5]	M.Arch. 1 - Studio I	
		History and Theory of Modern Architecture	
	ARCN 5005 [0.5]	Theory and Practice of Architectural Representation	
W	inter Term		
	ARCC 5097 [0.5]	Building Technology II	
	ARCS 5103 [1.5]	M.Arch. 1 - Studio II	
	ARCN 5000 [0.5]	Directed Studies in Computer- Aided Design	
Sı	ummer		
	ARCC 5098 [0.5]	Building Technology III	
14	ARCS 5104 [1.5]	M.Arch. 1 - Studio III	
	ear 2		
га	ABCC 4500 [0 5]	Design Economics	
	ARCC 4500 [0.5] ARCC 5100 [0.5]	Design Economics Advanced Building Systems	
	,	Advanced Dulluling Oysterns	

ARCS 5105 [1.5]	Graduate Studio 1
Winter Term	
ARCH 5201 [0.5]	Graduate Seminar 2: Contemporary Theoretical Perspectives in Architecture
ARCC 5200 [0.5]	Professional Practice
ARCS 5106 [1.5]	Graduate Studio 2
Year 3	
Fall Term	
ARCH 5200 [0.5]	Graduate Seminar 1: Introduction to Critical Thought in Architecture
ARCC 5099 [0.5]	Building Technology IV
ARCN 5909 [2.0]	Thesis - Directed Research Studio (DRS)
Winter Term	
ARCN 5909 [2.0]	Thesis - Directed Research Studio (DRS)

Notes:

- ARCS 5909 [2.0] Thesis Independent Study and ARCN 5909 [2.0] Thesis - Directed Research Studio (DRS) normally extend over two terms. This project will follow guidelines prescribed by the Associate Director (Graduate Programs).
- 2. The thesis is expected to include both a written text and a design component with appropriate modes of two and three-dimensional representation, including digital. Final thesis documentation must satisfy the requirements established by the Faculty of Graduate and Postdoctoral Affairs.

Ph.D. Architecture (10.0 credits)

Students admitted to the PhD program in Architecture will be required to complete the following 10.0 credits:

- 1.0 credit in core Workshop courses
- 1.0 credit in core Seminar courses
- 2.0 credits in PhD. Colloquium
- 1.0 credit in comprehensive examination
- 1.0 credit in dissertation proposal examination
- 4.0 credits in oral defence of thesis

Specific Requirements:

Year	1	
Fa	ll term	
AF	RCH 6001 [0.5]	Seminar: Vitruvian Exercises I
AF	RCN 6001 [0.5]	Workshop: Daedalic Exercises I
AF	RCH 6101 [1.0]	Colloquium I *
Wi	inter term	
AF	RCH 6002 [0.5]	Seminar II: Vitruvian Exercises II
AF	RCN 6002 [0.5]	Workshop: Daedalic Exercises II
AF	RCH 6101 [1.0]	Colloquium I *
Year 2		
AF	RCH 6102 [1.0]	Colloquium II
AF	RCH 6907 [1.0]	Ph.D. Comprehensive Examination
AF	RCH 6908 [1.0]	Ph.D. Proposal Examination *
Year	3	
AF	RCH 6909 [4.0]	Ph.D. Dissertation

Note(s):

ARCH 6101 [1.0] Colloquium I, ARCH 6102 [1.0] Colloquium II, ARCH 6907 [1.0] Ph.D. Comprehensive Examination, ARCH 6908 [1.0] Ph.D. Proposal Examination are 1.0-credit courses and extend over two terms.

Graduate Diploma in Architectural Conservation (4.0 credits)

Requirements:

Requirements.		
Fall term		
CDNS 5401 [0.5]	Heritage Conservation I: History, Principles, and Concepts	0.5
ARCH 4002 [0.5]	Canadian Architecture	0.5
ARCU 5402 [0.5]	Workshop: Urban Studies in Heritage Conservation	0.5
ARCH 4200 [0.5]	Architectural Conservation Philosophy and Ethics	0.5
Winter term		
CDNS 5402 [0.5]	Heritage Conservation II: Theory in Practice	0.5
ARCN 5100 [0.5]	Representation and Documentation in Architectural Conservation	0.5
ARCH 5402 [0.5]	Evaluation of Heritage Properties	0.5
ARCC 5401 [0.5]	Workshop: Technical Studies in Heritage Conservation	0.5
Total Credits		4.0

Total Credits

Regulations

See the General Regulations section of this Calendar.

M. Architecture

Architecture permits the C+ option in the 13.0-credit M.Arch. 1 curriculum only. (see Section 11.2 of the General Regulations).

Admission Requirements

Master of Architecture (M.Arch.)

Two-year M.Arch. (8.0 credits)

A four-year honours undergraduate degree or its equivalent in architecture, with significant studio experience in architectural design, and a minimum overall standing of B- .

Three-vear M.Arch. (13.0 credits)

A four-year honours undergraduate degree from diverse backgrounds with an overall B+ standing. Students may be required to complete up to an additional 2.5 credits in order to meet CACB certification.

All applicants whose first language is not English must demonstrate proficiency in the English language. See Section 3.6 of the General Regulations section of this calendar for details.

For more information, please visit https://carleton.ca/ architecture/programs/

M. Architectural Studies (M.A.S.)

The Master of Architectural Studies is a non-professional degree for students interested in pursuing in-depth architectural research.

The minimum requirement for admission to the M.A.S. is a four-year honours undergraduate degree in architecture or equivalent, with a minimum overall standing of B-.

All applicants whose first language is not English must demonstrate proficiency in the English language. See Section 3.6 of the General Regulations section of this calendar for details.

For more information visit https://carleton.ca/architecture/ programs/

Ph.D. Architecture

The normal requirement for admission to the doctoral program in architecture is a master's degree (or equivalent) in architecture or a related field with a minimum overall standing of A-.

All applicants whose first language is not English must demonstrate proficiency in the English language. See Section 3.6 of the General Regulations section of this calendar for details.

Graduate Diploma in Architectural Conservation

There are two points of entry into the program:

Direct Entry

· The normal requirement is a bachelor degree with a minimum average of B+. The program can be taken part-time or full-time.

Admission from the M.Arch. or M.A.S.

 Students may apply to the Graduate Diploma in Architectural Conservation during the first year of study in the Master of Architecture professional program or the Master of Architectural Studies program.

All applicants whose first language is not English must demonstrate proficiency in the English language. See Section 3.6 of the General Regulations section of this calendar for details.

For more information visit https://carleton.ca/architecture/ programs/

Architecture-MAS (ARCT) Courses

ARCT 5909 [2.0 credits] M.A.S. Thesis

A scholarly written thesis supported by methods of two and three-dimensional representation. Research undertaken by the student is expected to engage a topic in the culture of practice in Architecture. Proposals must be approved by the graduate committee of the Azrieli School of Architecture and Urbanism. Urban (ARCU).

Architecture - Studio (ARCS) Courses

ARCS 5102 [1.5 credit] M.Arch. 1 - Studio I

Sensory components of architecture: use, effect, and symbolic potential. Light, lighting, sound, sensation of heat and cold, and related phenomena studied in modest building proposals. Social considerations of architecture. The conventions of architectural drawing. Computer Modeling as a medium of architectural analysis, documentation, and presentation.

ARCS 5103 [1.5 credit]

M.Arch. 1 - Studio II

Building materials and practices within the context of increasingly complex building programs. Social context of architecture in relation to material expression. Modeling is stressed. (Core course).

ARCS 5104 [1.5 credit] M.Arch. 1 - Studio III

A comprehensive studio dealing with issues of program and site as the culturally defining aspects of architectural practice within complex urban and social situations, using difficult sites and hybrid programs. Projects brought to a high degree of technical, formal, and graphic resolution. (Core Course).

ARCS 5105 [1.5 credit] Graduate Studio 1

An architectural investigation within a contemporary urban setting, usually dealing with central-city sites and complex programs. Projects address the question of urban architecture both from practical and theoretical

perspectives. Architecturally relevant building technology and systems will be introduced in the Studio as required. ARCS 5106 [1.5 credit]

Graduate Studio 2

The design of a large-scale and culturally significant building project, set within a prominent urban or natural landscape. Integrated resolution of the combined issue of site, program, and expression is expected. Architecturally relevant building technology and systems will be introduced in the Studio as required. Prerequisite(s): ARCS 5105.

ARCS 5909 [2.0 credits]

Thesis - Independent Study

Student-initiated design investigation, developed with a thesis supervisor, supported by text and appropriate methods of two and three-dimensional representation. Proposals must be approved by the Graduate Committee of the Azrieli School of Architecture and Urbanism. M.A.S. Thesis (ARCT).

Architecture - Technical (ARCC) Courses

ARCC 5000 [0.5 credit]

Directed Studies in Architecture and Technology Reading and research tutorials. Prerequisite(s): permission of the School.

ARCC 5001 [0.5 credit] Introduction to Design and Multimedia

Multimedia and interactive design as they relate to architecture and the field of design. Special topics include virtual environments, user interface in software, Web and product design, perceptual and cognitive science, navigation, film/video and sound editing and animation technologies.

ARCC 5002 [0.5 credit] Topics in Design and Multimedia: Information Architecture and the World Wide Web

Introduction to the design of Web-based applications, focusing on process, site architecture, usability testing, and Web functionality. Students synthesize and customize software applications. Client and server-side functionality. Introduction to relational database design, JavaScript, cgi scripts, and «middleware» products such as WebObjects and ColdFusion.

ARCC 5003 [0.5 credit] Design and Technology Workshop

The prime objective of the workshop is to investigate issues in architectural design in relation to technology as a cultural paradigm. The workshop operates as a directed study with specific content, objectives, and scheduling arranged between student and academic advisor.

ARCC 5096 [0.5 credit] Building Technology I

General introduction to materials and methods of construction with particular focus on wood and timber frame construction. Site conditions, foundations, structure and envelope in terms of their response to local climate: sun (light and heat), wind, moisture.

ARCC 5097 [0.5 credit] Building Technology II

Technical issues involved in architectural design of buildings from ancient times to the present. Technological innovation and materials related to structural developments, and the organization and design of structures. Basic concepts of equilibrium, and mechanics of materials. Final projects developed in conjunction with design studio.

ARCC 5098 [0.5 credit] Building Technology III

Wood frame, post and beam, steel and concrete systems and construction techniques. Structural systems and building envelope principles and practice are explored in conjunction with mechanical and electrical systems in small buildings. Final projects developed in conjunction with design studio.

ARCC 5099 [0.5 credit] Building Technology IV

Medium scale steel, concrete, and wood frame buildings as case studies to explore approaches to building science principles, building envelope design, advanced construction methods and materials, acoustics and sound control, and fire protection, with a focus on sustainable design strategies and environmental impact.

ARCC 5100 [0.5 credit] Advanced Building Systems

Introduction to advanced design in building technology and systems integration. Leading edge building materials, technologies and philosophies will be explored through intensive case study research and analysis, comparing, and critically evaluating, traditional methods with current computer modeling and analysis techniques.

ARCC 5200 [0.5 credit]

Professional Practice

The practice of architecture. Professional organization and conduct, the architect's services, business law, office organization and management, contract documents, building codes, contract management, cost control, accounting and site supervision. Guest speakers and case studies.

Precludes additional credit for ARCU 4200.

ARCC 5401 [0.5 credit]

Workshop: Technical Studies in Heritage Conservation Prerequisite(s): permission of the School.

ARCC 5500 [0.5 credit]

Advanced Design Economics

Principles of building economics. Determinants and prediction of building costs. Uncertainty and investment economics. Creative cost control for buildings during schematic design, design development, construction document preparation and construction. Economic evaluation during all phases of design process; emphasis on sustainable strategies.

ARCC 5909 [2.0 credits]

M.Arch. Post-Professional Thesis (Design and Technology)

Basic or applied research in architectural, industrial, and digital design. Areas include interactive education/ training, product/interface design, programming/scripting, culture/technology, or research as defined by the student. Proposals must be approved by the Graduate Committee of the Azrieli School of Architecture and Urbanism. Final thesis documentation must satisfy the requirements established by the Faculty of Graduate Studies.

Architecture - Techniques (ARCN) Courses

ARCN 5000 [0.5 credit]

Directed Studies in Computer-Aided Design Reading and research tutorials.

Prerequisite(s): permission of the School.

ARCN 5001 [0.5 credit]

Directed Studies in Architecture and Morphology Reading and research tutorials.

Prerequisite(s): permission of the School.

ARCN 5005 [0.5 credit]

Theory and Practice of Architectural Representation

Free-hand drawing as a way of observing and understanding the world. Various media and techniques introduced through a wide range of studio and outdoor exercises. (Theory/History Elective).

ARCN 5100 [0.5 credit]

Representation and Documentation in Architectural Conservation

An in-depth study of the conventions and history of heritage recording including traditional field survey, photogrammetry, laser scanning technologies, and hybrid representations.

Workshop, six hours a week (including field trips and onsite work).

ARCN 5101 [0.5 credit] Interactive Design Workshop I

An intensive introduction to the design of interactive environments, using multimedia software including Adobe Photoshop, Illustrator, Premiere, Macromedia, Dreamweaver, Fireworks, Director, 3D Modeling programs, and sound editing. Basic design, graphic design, and software literacy. Presentations by design professionals.

ARCN 5102 [0.5 credit] Interactive Design Workshop II

An introduction to the logistic aspects of producing multimedia products with an emphasis on usability testing and user interface design. Topics include: storyboarding and graphic design, instructional design, rapid prototyping, project streaming, management and marketing, technical writing and product evaluation. Organized as a seminar. Work is done in teams.

ARCN 5301 [0.5 credit] Workshop: Daedalic Exercises I

Experimental mediation, materiality and making.

ARCN 5302 [0.5 credit]

Workshop: Daedalic Exercises II Innovative mediation, materiality and making.

ARCN 5909 [2.0 credits]

Thesis - Directed Research Studio (DRS)

An intensive research-based design project. The unit is initiated and guided by a faculty member engaged in organized research. Proposals must be approved by the Graduate Committee of the Azrieli School of Architecture and Urbanism.

ARCN 6001 [0.5 credit] Workshop: Daedalic Exercises I

Experimental mediation, materiality and making. This course is required of all first year doctoral students in architecture.

ARCN 6002 [0.5 credit] Workshop: Daedalic Exercises II

Experimental mediation, materiality and making. This course is required of all first year doctoral students in architecture.

ARCN 6901 [0.5 credit] Placement in Architecture

An opportunity to earn academic credit by engaging in research activities under the supervision of a professional architect or researcher in architectural, government, non-governmental or other professional settings. Placement research must be related to the preparation of the doctoral research. Design Studios/Design Thesis/Research (ARCS).

Architecture - Theory/History (ARCH) Courses

ARCH 5000 [0.5 credit]

Directed Studies in History and Theory of Architecture Reading and research tutorials.

Prerequisite(s): permission of the School.

ARCH 5001 [0.5 credit] Architecture Seminar 1

An introduction to the intellectual frameworks connecting design and culture as manifest in theories of culture and architecture. The seminar builds on previous undergraduate studies, and is not an introduction to these fields. The field of inquiry is both historical and contemporary.

ARCH 5002 [0.5 credit] Architecture Seminar II

A continuation of ARCH 5001, this seminar follows the same general description, but concentrates more on architectural design, on the contemporary condition, and on the ways of thinking that characterize embodiment of cultural content in architecture and other artifacts. Prerequisite(s): ARCH 5001.

ARCH 5003 [0.5 credit] Design and Culture Workshop

The prime objective of the workshop is to investigate cultural issues in architectural design. The workshop operates as a directed study with specific content, objectives, and scheduling arranged between student and academic advisor.

ARCH 5010 [0.5 credit]

History and Theory of Modern Architecture

Architectural and urban ideals of modernism with emphasis upon the development of the avant-garde in the early twentieth century. The phenomenon of modern architecture within the broader framework of the development of western thought.

ARCH 5100 [0.5 credit]

Directed Studies in Architecture and Society Reading and research tutorials. Prerequisite(s): permission of the School.

ARCH 5101 [1.0 credit] Colloquium I

This seminar brings together graduate students with architectureal faculty to present their work-in-progress. It focuses on an immersion in conventions of theoretical and methodological approaches to advanced architectural research, including research ethics, proposal writing and research funding.

ARCH 5200 [0.5 credit]

Graduate Seminar 1: Introduction to Critical Thought in Architecture

Critical theories and research approaches relevant to the field of architecture. Identification of issues through a coordinated series of lectures and readings. Development of analytical and interpretative skills through seminar discussions and writing culminating in a scholarly position paper by the student.

ARCH 5201 [0.5 credit] Graduate Seminar 2: Contemporary Theoretical Perspectives in Architecture

Lectures, readings, and case studies on contemporary issues in architecture and allied fields of study. Critical analysis of trends and possibilities set against traditional modes of architectural thought and practice. This course serves as a forum for a preliminary articulation of the thesis proposal.

Prerequisite(s): ARCH 5200.

ARCH 5301 [0.5 credit]

Seminar: Vitruvian Exercises I

Investigation of the cunning and graphic intelligence of architects: i.e. architectural modes of research.

ARCH 5302 [0.5 credit]

Seminar II: Vitruvian Exercises II

Seminar II builds upon the fall term with a focus on the study of the fabric of architectural theory stretched within the marble loom of construction. This course is required of all first year M.A.S. students.

ARCH 5402 [0.5 credit]

Evaluation of Heritage Properties

The cultural, political, economic and legal factors that shape our definition of heritage architecture. Processes for and implications of heritage designation, cultural value and costs associated with restoration and ongoing preservation. (Theory/History Elective). Lectures, three hours a week.

ARCH 5600 [0.5 credit] Housing and Culture Seminar

Housing as a function of social organization, demographics, market demand and governmental policies. The evolution of housing form, the role of the state, and the participation of architects in the housing marketplace promoting design as a form of social reform. Precludes additional credit for ARCH 4201.

ARCH 5909 [2.0 credits] M.Arch. Post-Professional Thesis (Architecture and Cultural Diversity)

A scholarly, written thesis supported by appropriate methods of two and three-dimensional representation. Research undertaken by the student is expected to engage one of the research topics outlined above. Proposals must be approved by the graduate committee of the Azrieli School of Architecture and Urbanism. Final thesis documentation must satisfy the requirements established by the Faculty of Graduate and Postdoctoral Affairs.

ARCH 6001 [0.5 credit]

Seminar: Vitruvian Exercises I

Investigation of the cunning and graphic intelligence of architects: i.e. architectural modes of research. This course is required of all first year doctoral students in architecture.

ARCH 6002 [0.5 credit]

Seminar II: Vitruvian Exercises II

Seminar II builds upon the fall term with a focus on the study of the fabric of architectural theory stretched within the marble loom of construction. This course is required of all first year doctoral students in architecture.

ARCH 6101 [1.0 credit] Colloquium I

This seminar brings together doctoral students with architectural faculty to present their work-inprogress. Immersion in conventions of theoretical and methodological approaches to advanced architectural research, including research ethics, proposal writing and research funding. This course is required of all first year doctoral students in architecture.

ARCH 6102 [1.0 credit] Colloquium II

This seminar continues to bring together doctoral students with architectural faculty and guest lecturers to present their work-in-progress. This course is required of all students enrolled in the Ph.D. program from the second year through until completion of the dissertation.

ARCH 6907 [1.0 credit]

Ph.D. Comprehensive Examination

Students must demonstrate to their thesis advisory committees a sufficiently broad background in the theoretical and topical area literatures and constructions relevant to their individual projects.

ARCH 6908 [1.0 credit]

Ph.D. Proposal Examination

Students must demonstrate to thesis advisory committees their ability to link theory to a work or practice of architecture. This examination requires the preparation of a drawing or a model, to then be discussed within a theoretical framework during the oral part of the exam.

ARCH 6909 [4.0 credits] Ph.D. Dissertation

The dissertation will be comprised of two critical modes of investigation of equal importance: a speculative project and a research text. The speculative project is realized using specific traditional and non-traditional media as deemed appropriate.

Architecture - Urban (ARCU) Courses

ARCU 5000 [0.5 credit]

Directed Studies in Architecture and the City Reading and research tutorials.

ARCU 5402 [0.5 credit]

Workshop: Urban Studies in Heritage Conservation Prerequisite(s): permission of the School.

Summer session: some of the courses listed in this Calendar are offered during the summer. Hours and scheduling for summer session courses will differ significantly from those reported in the fall/winter Calendar. To determine the scheduling and hours for summer session classes, consult the class schedule at central.carleton.ca

Not all courses listed are offered in a given year. For an up-to-date statement of course offerings for the current session and to determine the term of offering, consult the class schedule at central.carleton.ca