

NEWSCHOOL OF ARCHITECTURE & DESIGN 2018-2019 ACADEMIC CATALOG & STUDENT HANDBOOK WINTER ADDENDUM

TABLE OF CONTENTS

EFFECTIVE DATES	2
ADMISSION POLICY	2
CREDIT BY EXAMINATION (UNDERGRADUATE PROGRAMS)	3
UNDERGRADUATE DEGREE PROGRAM INFORMATION	4
BACHELOR OF ARCHITECTURE PROGRAM OUTLINE	4
BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT PROGRAM OUTLINE	5
BACHELOR OF INTERIOR ARCHITECTURE & DESIGN PROGRAM OUTLINE	6
GRADUATE DEGREE PROGRAM INFORMATION	7
PROGRAM DATA FOR MASTER OF ARCHITECTURE	7
ACADEMIC INFORMATION	7
FREE SPEECH STATEMENT	7
MEDICAL/COMPASSIONATE/MILITARY LEAVE OF ABSENCE	8
TUITION, PAYMENT, & FINANCIAL ASSISTANCE	9
FEE BREAKDOWN	9
COURSE DESCRIPTIONS	9

EFFECTIVE DATES

The information contained in this addendum supplements or replaces information found in the 2018/2019 catalog.

The following changes reflect current information about NewSchool of Architecture and Design. The date these changes go into effect is January 7, 2019.

ADMISSION POLICY

Page 40

CREDIT BY EXAMINATION (UNDERGRADUATE PROGRAMS)

Credit by Examination (Undergraduate Programs)

NewSchool recognizes examinations taken in high school as part of an Advanced Placement (AP) or International Baccalaureate (IB) diploma. To receive credit, students must

- achieve a score of 3 or higher on the AP exam,
- achieve a grade of 5 or higher on the Higher Level International Baccalaureate exams, and
- submit the official test scores to the Office of Admissions.

No Standard Level IB scores are accepted. As with all advanced credit, the Office of Admissions will determine whether the IB courses apply to the specific degree requirements at the time of admission using the IB transcript submitted. For each acceptable exam score, the student will receive three credits toward Integrative Studies requirements or electives at NewSchool.

APPROVED AP EXAMS

COURSE EXAM	AP SCORE	CREDITS	NEWSCHOOL EQUIVALENCY
Biology	3, 4, 5	3	Logical Reasoning Elective
Calculus AB	3, 4, 5	3	MTH172
Calculus BC	3, 4, 5	3	MTH174
Chemistry	3, 4, 5	3	Logical Reasoning Elective
Comparative Government & Politics	3, 4, 5	3	POL181
Computer Science A	3, 4, 5	3	Logical Reasoning Elective
Economics	3, 4, 5	3	ECN181 or Social Science Elective
English Language & Composition	3, 4, 5	3	ENG111
English Literature & Composition	3, 4, 5	3	ENG111 or Communications Elective
Environmental Science	3, 4, 5	3	SCI173
European History	3, 4, 5	3	Social Science Elective
French Language	3, 4, 5	3	Humanities Elective
German Language	3, 4, 5	3	Humanities Elective
Government and Politics: Comparative	3, 4, 5	3	Social Science Elective
Government and Politics: United States	3, 4, 5	3	Social Science Elective
Human Geography	3, 4, 5	3	Social Science Elective
Macroeconomics	3, 4, 5	3	Social Science Elective
Microeconomics	3, 4, 5	3	Social Science Elective
Music Theory	3, 4, 5	3	Humanities Elective
Physics	3, 4, 5	3	SCI170
Psychology	3, 4, 5	3	PSY181
Spanish Language	3, 4, 5	3	SPN 111
Spanish Literature	3, 4, 5	3	Humanities Elective
Statistics	3, 4, 5	3	MTH273
U.S. History	3, 4, 5	3	Humanities Elective
World History	3, 4, 5	3	Humanities Elective

UNDERGRADUATE DEGREE PROGRAM INFORMATION

Page 53

BACHELOR OF ARCHITECTURE PROGRAM OUTLINE

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
FALL	AR101 Foundation Studio I (5)	AR201 Design Studio I (6)	AR301 Architectural Design I (6)	AR401 Integrative Design Studio I (6)	AR501 Research Thesis Studio (6)
	AR141 Graphic Representation I (3)	AR231 Environmental Systems I - Natural Systems (3)	AR321 Structural Systems I (3)	AR423 Structural Systems III (3)	SOC380 Issues of Gender, Race, & Class (3)
	ENG111 English Composition (3)	AR262 Architectural Studies II / History II (3)	AR372 Building Systems II (3)	AR451 Architectural Practice I (3)	Integrative Studies Elective (3)
	HIS260 History of Pre-Modern Art & Design (3)	MTH174 Geometry (3)	RSH481 Intro to Research (3)	RSH582 Research and Communication (3)	Integrative Studies Elective (3)
		SCI173 Environmental Biology (3)			
TOTAL CREDITS	14	18	15	15	15
WINTER	AR102 Foundation Studio II (5)	AR202 Design Studio II (6)	AR302 Architectural Design II (6)	AR402 Integrative Design Studio II (6)	AR502 Research Thesis Studio II (6)
	AR142 Graphic Representation II (3)	AR263 Architectural Studies III / History III (3)	AR322 Structural Systems II (3)	AR452 Architectural Practice II (3)	Professional Elective (3)
	ENG112 Advanced English Composition (3)	AR271 Building Systems I (3)	AR333 Environmental Systems III (3)	AR465 Architectural Studies V / A+U Theory II (3)	Integrative Studies Elective (3)
	MTH171 Intermediate Algebra (3)	SCI170 Physics I(3)	GEO180 World Regional Geography (3)	HIS261 History of Modern & Postmodern Art & Design (3)	Integrative Studies Elective (3)
TOTAL CREDITS	14	15	15	15	15
SPRING	AR103 Foundation Studio III (5)	AR203 Design Studio III (6)	AR364 Architectural Studies IV / A+U Theory I (3)	AR403 Architectural Design - Focused Topics (6)	AR503 Research Thesis Studio III (6)
	AR143 Graphic Representation III (3)	AR232 Environmental Systems II - Passive Systems (3)	Professional Elective (3)	AR453 Architectural Practice III (3)	Integrative Studies Elective (3)
	AR161 Architectural Studies I / History I (3)	Integrative Studies Elective (3)	Professional Elective (3)	PHL161 Intro to Philosophy (3)	Professional Elective (3)
	MTH 172 Trigonometry (3)	Integrative Studies Elective (3)	Professional Elective (3)	SOC482: Advanced Sociology: Urban Studies (3)	
	COM113 Speech Communication (3)		Professional Elective (3)		
TOTAL CREDITS	17	15	15	15	12
TOTAL ANNUAL CREDITS	45	48	45	45	42

TOTAL PROGRAM CREDITS = 225

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT PROGRAM OUTLINE

	YEAR 1	YEAR 2	YEAR 3	YEAR 4
FALL	CM153 Intro to Const. Mgmt. & Team Building (3)	ACC273 Financial/Managerial Accounting (3)	BUS281 Business Law (3)	CM451 Project Management (5)
	CM5211 Plan Reading / Analog & Digital (3)	AR372 Building Systems II (3)	CM301 Residential and Light Commercial Construction (4)	CM454 Construction Inspection & Quality Control (5)
	ENGI11 English Composition (3)	AR321 Structural Systems I (3)	CM306 Fundamentals of Construction Scheduling (5)	CM455 Managing Models of the Built Environment (5)
	MTH174 Geometry (3)	SCI270 Geology (3)	RSH481 Introduction to Research (3)	
	SPN111 Spanish I (3)	SOC380 Issues of Gender, Race, & Class (3)		
TOTAL CREDITS	15	15	15	15

WINTER	ENGI12 Advanced English Composition (3)	BUS282 Principles of Management (3)	CM5521 Life Cycle Cost Accounting (4)	CM303 Advanced Scheduling & Project Controls (5)
	AR271 Building Systems I (3)	CM222 Structures (4)	CM302 Commercial Construction Practices (5)	CM353 Construction Safety (3)
	CSC5021 Advanced CAD (3)	ECN281 Microeconomics (3)	CM352 Const. Finance & Accounting (4)	CM452 Heavy/Civil Construction (3)
	SCI170 Physics I (3)	ENG213 Business Communication (3)	Professional Elective (3)	Professional Elective (3)
	SPN112 Spanish II (3)	PSY181 General Psychology (3)		
TOTAL CREDITS	15	16	16	14

SPRING	CM201 Construction Graphics & Docs (5)	AR303 Architectural Design III (6)	CM354 Construction Law (3)	CM5311 Green Building Laboratory (5)
	SPN113 Spanish III (3)	ECN282 Macroeconomics (3)	CM401 Project Delivery Systems (5)	CM403 Senior Capstone Integration Project (5)
	SCI272 Physics II (4)	CM202 Construction-Estimating (5)	BUS381 Principles of Real Estate (3)	CM5431 Jobsite Leadership and Management (3)
	COM113 Speech Communication (3)		PHL261 Ethics (3)	POL181 Intro to Political Science (3)
TOTAL CREDITS	15	14	14	16

TOTAL ANNUAL CREDITS	45	45	45	45
-----------------------------	-----------	-----------	-----------	-----------

TOTAL PROGRAM CREDITS = 180

BACHELOR OF INTERIOR ARCHITECTURE & DESIGN PROGRAM OUTLINE

FALL	YEAR 1	YEAR 2	YEAR 3	YEAR 4
	DES191 Design Foundation (6)	ID201 Interior Design Studio I (6)	ID301 Interior Design Studio IV (6)	ID401 Interior Design Studio VII (6)
	ENG111 English Composition (3)	ID212 History of Interiors (3)	ID313 Environmental Psychology (3)	ID412 ID Professional Practice (3)
	HIS260 History of Pre-Modern Art & Design (3)	CSC5011 Beginning CAD (3)	RSH481 Introduction to Research (3)	ID411 Codes for ID (3)
	DRW100 Drawing Fundamentals (3)	SCI173 Environmental Biology (3)	MTH174 Geometry (3)	PHL161 Introduction to Philosophy (3)
TOTAL CREDITS	15	15	15	15

WINTER	DES102/DRW102 Foundations: Drawing II (3)	ID202 Interior Design Studio II (6)	ID302 Interior Design Studio V (6)	ID402 Interior Design Studio VIII (6)
	DES112 Design Studio I (3)	ID211 Building Systems and Structures (3)	BUS282 Principles of Management (3)	Integrative Studies Elective (3)
	MTH171 Intermediate Algebra (3)	CSC5021 Advanced CAD (3)	SOC380 Issues of Gender, Race, & Class (3)	Integrative Studies Elective (3)
	ENG112 Advanced English Composition (3)	PSY181 General Psychology (3)	Integrative Studies Elective (3)	Professional Elective (3)
	HIS261 History of Modern & Postmodern Art & Design (3)			
TOTAL CREDITS	15	15	15	15

SPRING	DES103/MD121 Foundations Studio III (3)	ID203 Interior Design Studio III (6)	ID303 Interior Design Studio VI (6)	ID403 Interior Design Studio IX (6)
	DES113 Design Studio II (3)	PD214 Design for Sustainability I (3)	ID314 Research: ID Methods, Materials, and Technology (3)	Integrative Studies Elective (3)
	PD111 Human Factors (3)	ID213 Lighting Design (3)	ID316 Furniture Design (3)	Integrative Studies Elective (3)
	COM113 Speech Communication (3)	ID214 Design of Materials: Resources & Materials for ID (3)	Professional Elective (3)	Professional Elective (3)
	MD150 Visual Communication I (3)			
TOTAL CREDITS	15	15	15	15

TOTAL ANNUAL CREDITS	45	45	45	45
-----------------------------	-----------	-----------	-----------	-----------

TOTAL PROGRAM CREDITS = 180

GRADUATE DEGREE PROGRAM INFORMATION

Page 88

PROGRAM DATA FOR MASTER OF ARCHITECTURE

http://programdata.newschoolarch.edu/Master_of_Architecture_4+3/04.0201-Gedt.html

http://programdata.newschoolarch.edu/Master_of_Architecture_4+2/04.0201-Gedt.html

ACADEMIC INFORMATION

Page 102

FREE SPEECH STATEMENT

NewSchool of Architecture and Design was founded in 1980 to establish a new kind of school that would operate in a non-traditional manner. The institution has always encouraged new ways to look at design and the world, as reflected in the very name NewSchool. The university contends that creative and critical thinking flourishes in an environment of diverse thought and varied opinion.

Because NewSchool is committed to free and open inquiry in all matters, it guarantees all members of the NewSchool community the broadest possible latitude to speak, write, listen, challenge, and learn. Therefore, except insofar as limitations are necessary to the functioning of NewSchool, NewSchool fully respects and supports the freedom of all members of the NewSchool community to discuss any problem that presents itself. This position is embedded in institutional practices, including published policies on academic freedom and professional ethics, and the NewSchool Rights of Inquiry which award individuals the right to explore identity, and learn in a mutually supportive environment free of prejudice or censorship. Furthermore, because NewSchool values the freedom to exchange ideas, the university endorses the Chicago Principles for the promotion and protection of free speech on campus.

Of course, the ideas of different members of the NewSchool community will often and quite naturally conflict. But it is not the proper role of NewSchool to attempt to shield individuals from ideas and opinions they find unwelcome, disagreeable, or even deeply offensive. Although NewSchool greatly values civility, and although all members of the NewSchool community share in the responsibility for maintaining a climate of mutual respect, concerns about civility and mutual respect can never be used as a justification for closing off discussion of ideas, however offensive

or disagreeable those ideas may be to some members of our community.

The freedom to debate and discuss the merits of competing ideas does not, of course, mean that individuals may say whatever they wish, wherever they wish. NewSchool may restrict expression that violates the law, that falsely defames a specific individual, that constitutes a genuine threat or harassment, that unjustifiably invades substantial privacy or confidentiality interests, or that is otherwise directly incompatible with the NewSchool code of conduct or the functioning of NewSchool. In addition, NewSchool may reasonably regulate the time, place, and manner of expression to ensure that it does not disrupt the ordinary activities of NewSchool. But these are narrow exceptions to the general principle of freedom of expression, and it is vitally important that these exceptions never be used in a manner inconsistent with NewSchool's commitment to a completely free and open discussion of ideas.

NewSchool's fundamental commitment is to the principle that debate or deliberation may not be suppressed because the ideas put forth are thought by some or even by most members of the NewSchool community to be offensive, unwise, immoral, or wrong-headed. Individual community members should recognize that opinions have consequences and may make others uncomfortable. However it is for the individual members of the NewSchool community, not for NewSchool as an institution, to make those judgments for themselves, and to act on those judgments not by seeking to suppress speech, but by openly and vigorously contesting ideas that they oppose. Indeed, fostering the ability of members of the NewSchool community to engage in such debate and deliberation in an effective and responsible manner is an essential part of NewSchool's educational mission.

As a corollary to NewSchool's commitment to protect and promote free expression, members of the NewSchool community must also

act in conformity with the principle of free expression. Although members of the NewSchool community are free to criticize and contest the views expressed on campus, and to criticize and contest speakers who are invited to express their views on campus, they may not obstruct or otherwise interfere with the freedom of others to express views they reject or even loathe. To this end, NewSchool has a solemn responsibility not only to promote a lively and fearless freedom of debate and deliberation, but also to protect that freedom when others attempt to restrict it. NewSchool has gone through a number of changes, but continues to support designers as they shape their communities. Free speech is integral to this practice.

Page 103

MEDICAL/COMPASSIONATE/MILITARY LEAVE OF ABSENCE

A medical/compassionate or military Leave of Absence (LOA) request may be made in extraordinary cases in which serious illness or injury (medical) or another significant personal situation (compassionate) or military deployment prevents a student from continuing his or her classes and in which Incompletes or other arrangements with the instructors are not possible, either because the student has not made sufficient progress or because it is unlikely the student will be able to complete the required work during the subsequent term.

Usually, consideration is for a complete withdrawal for the term for up to 1 year without penalty to reapply for admission. All petitions for LOA require thorough and credible documentation from a medical professional or other external source. A student may request and be considered for a medical LOA when extraordinary circumstances, such as a serious illness or injury, prevent the

student from continuing classes. The medical LOA policy covers both physical health and mental health difficulties.

A student may request and be considered for a compassionate LOA when extraordinary personal reasons not related to the student's personal physical or mental health (e.g., care of a seriously ill child or spouse, a death in the student's immediate family) prevent the student from continuing in classes.

When a student is called to active military during an academic term, the student may choose one of the following options:

- (1) The student may withdraw from the institution, retroactively to the beginning of the academic term, with a full refund of tuition and fees in accordance with Section 824 of the Military and Veterans Code.
- (2) If at least 75 percent of the academic term has been completed, the student may request that the faculty member assign a grade for the course based on the work the student has completed. The faculty member shall make the final decision as to whether to grant the student's request.
- (3) If the faculty member assigns a grade of Incomplete for the student's coursework, the student shall have a minimum of four weeks after returning to the institution to complete the course requirements. Additional time may be granted if alternative arrangements are made with the faculty member, and provided that the alternative arrangements are consistent with the requirements of Section 824 of the Military and Veterans Code.

TUITION, PAYMENT, & FINANCIAL ASSISTANCE

Page 121

FEE BREAKDOWN

Student Operation Fee \$175.00/Quarter

(Includes copy and printing fees, studio, lab, school access and ID card, library, Career Services, and student activity fee.)

COURSE DESCRIPTIONS

Page 169

AR5140 DIGITAL ARCHITECTURE I

Credits: 3

Schedule: 3 hours weekly [Lecture (3)]

This course, as the partial fulfillment of DAF, focuses on digital thinking and computational foundations. It covers the fundamentals of computational design and digitally informed architectural design, including logic, logistics, and mathematics, as well as the logic of relevant applications required to understand the significance of digital processes. In this course, the students are expected to demonstrate the thorough comprehension of information without necessarily being able to see its full implication.

AR5150 DIGITAL ARCHITECTURE II

Credits: 3

Schedule: 3 hours weekly [Lecture (3)]

This course, as the partial fulfillment of DAF, emphasizes algorithmic and adaptive processes and design. It covers algorithmic thinking through computer applications. It also includes data structures and the methods to generate, manage, and manipulate them across parametric concepts. Moreover, in this course the students learn the fundamentals of digital fabrication. Upon successful completion of this course, the students are expected to demonstrate the capability to initiate, develop, and critically analyze the algorithmically strategized designs.

AR5160 DIGITAL ARCHITECTURE III

Credits: 3

Schedule: 3 hours weekly [Lecture (3)]

As the partial fulfillment of DAF, the current course offers comprehensive tasks and knowledge about advanced design solutions and digital fabrication from different aspects, including interior design and structural advancement. It builds upon what was covered in Advanced Topic - Digital Design 2 (AR5150) and accommodates a variety of advanced topics in geometric and spatial evaluation and optimization, as well as deeper knowledge of digital fabrication. In addition, the students are introduced to scripting and how to work with the computer languages. Upon completion of this course, the students are expected to be able to carry out the simple scripting tasks, algorithmic design refinement, and troubleshooting of the scripting definition.

AR5431 DIGITAL MIXED MEDIA

Credits: 3

Schedule: 4 hours weekly [Lecture (2), Lab (2)]

This course explores the principles of art-making in two and three dimensions. Projects cover a variety of media for the application of surface design, object making, and organic/architectural forms.