

SCHOOL OF ARCHITECTURE AND DESIGN | **BACHELOR OF SCIENCE IN ARCHITECTURAL TECHNOLOGY** | ADMITTED IN 2019-2020 ACADEMIC YEAR

YEAR TERM	DESIGN STUDIO	VISUAL MEDIA	DISCIPLINE RELATED HISTORY	TECHNOLOGIES			CORE			TOTAL CREDITS
				STRUCTURES						
YEAR 1	FALL AAID 101 [Note] 5 DESIGN FUNDAMENTALS I Co-Req: AAID 140	AAID 140 3 VISUALIZATION I					FCWR 101* 3 FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Placement or WRIT 100	MATH 141*** 4 PRECALCULUS Pre-Req: Placement Exam or MATH 101	↑ Liberal Arts Electives	15
	SPRING AAID 102 [Note] 5 DESIGN FUNDAMENTALS II Pre-Req: AAID 101	AAID 240 3 VISUALIZATION II Pre-Req: AAID 102 and AAID 140 (Dept. will allow AAID 102 to be taken as a co-req)	AAID 160 3 INTRO TO HISTORY THEORY, AND CRITICISM IN ARCHITECTURE <i>Spring Only</i>					PHYS 136 4 PHYSICS FOR THE MODERN ARCHITECT Pre-Req: MATH 141, MATH 136 OR TMAT 155		15
YEAR 2	FALL ARCH 201 5 ARCHITECTURAL DESIGN I Pre-Req: AAID 102 Fall Only	ARCH 340 @ 3 VISUALIZATION III Pre-Req: AAID 240 NOTE: IT IS RECOMMENDED THAT STUDENTS TAKE ARCH 340 FOR ARCH ELECTIVE	ARCH 161 3 SURVEY HISTORY OF ARCHITECTURE I Pre-Req: AAID 160 Fall Only		ARCH 221 3 BUILDING CONSTRUCTION I Pre-Req: AAID 102 Fall Only	3@	FCIQ 101 3 FOUNDATIONS OF INQUIRY		↑ Discipline Electives	17
	SPRING ARCH 202 5 ARCHITECTURAL DESIGN II Pre-Req: ARCH 201 Spring Only		ARCH 162 3 SURVEY HISTORY OF ARCHITECTURE II Pre-Req: ARCH 161 Spring Only	ARCH 211 3 STATICS AND STRENGTH OF MATERIALS Pre-Req: PHYS 136, and MATH 141, MATH 136 OR TMAT 155	ARCH 222 3 BUILDING CONSTRUCTION II Pre-Req: ARCH 221 Spring Only		FCWR 151** 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101			17
YEAR 3	FALL	ARCH 272 3 ENVIRONMENTAL SITE PLANNING Pre-Req: ARCH 202 and AAID 240		ARCH 311 3 STRUCTURAL STEEL DESIGN Pre-Req: ARCH 211	ARCH 324 3 ENVIRONMENTAL SYSTEMS I Pre-Req: ARCH 202 Fall Only	↑ Discipline Electives	FCSP 101 3 FOUNDATIONS OF SCIENTIFIC PROCESS	FCSP 105 3 FOUNDATIONS OF SPEECH COMMUNICATION	3	18
	SPRING	ARCH 327 3 CAD CONSTRUCTION DRAWINGS Pre-Req: AAID 240 or ARCH 341		ARCH 312 3 REINFORCED CONCRETE DESIGN Pre-Req: ARCH 211	ARCH 325 3 ENVIRONMENTAL SYSTEMS II Pre-Req: AAID 240, ARCH 202, and ARCH 321 or ARCH 324 Spring Only		FCWR 303 3 COMMUNICATION FOR ART & DESIGN Pre-Req: FCWR 151 Substitutions can be made with Dept. Chair's approval	ICLT 3XX**** 3 LITERATURE CORE Pre-Req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151		↓
YEAR 4	FALL	ARCH 423 5 PROJECT INTEGRATION STUDIO Pre-Req: ARCH 202 Comp 3 rd Year		ARCH 411 3 ADVANCED STRUCTURAL CONCEPTS I Pre-Req: ARCH 311 and ARCH 312		↓ Discipline Electives	ICBS 3XX**** 3 BEHAVIORAL SCIENCE CORE	ICSS 3XX**** 3 SOCIAL SCIENCE CORE	3	17
	SPRING			ARCH 412 2 ADVANCED STRUCTURAL CONCEPTS II Pre-Req: ARCH 411	ARCH 481 3 PROFESSIONAL PRACTICE Pre-Req: ARCH 222, and ARCH 311 or ARCH 312		ICPH 3XX**** 3 PHILOSOPHY CORE	PHYS 156 or MATH 161 or MATH 170 or PHIL 250 3		6
Credits										131

* Note: It is recommended that students take ARCH 340 for their required ARCHITECTURE ELECTIVE.

** Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

*** Some students must take both MATH 135 and MATH 136 instead. Both courses, taken together, are the equivalent of MATH 141.

**** Pre-Req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151

[Note] Only declared Architecture or Interior Design majors can register for this course. All others require permission from the Chair.