

BACHELOR OF ARTS IN ARCHITECTURAL STUDIES WITH ARTIFICIAL INTELLIGENCE*

* Indicates that this program is an Incubator Program. Please visit Incubator Programs for more information.

Code	Title	Credit Hours
Architecture Requirements (33)		
ARCH 100	Introduction to Architecture	3
ARCH 107	Design Communication I: Introduction	3
ARCH 108	Design Communication II: Advanced	3
ARCH 113	Architecture Studio I: Elements	6
ARCH 114	Architecture Studio II: Unit	6
ARCH 201	Architecture Studio III: House	6
ARCH 215	Site Design, Planning, and Ecology	3
ARCH 413	Architectural Practice	3
Building Science and Structural Requirements (6)		
ARCH 230	Systems: Structural Analysis	3
ARCH 334	Material: Metal	3
Art and Architectural History Requirements (9)		
AAH 119	History of World Architecture I	3
AAH 120	History of World Architecture II	3
ARCH 321	Contemporary Architecture	3
Architecture and Urbanism Requirements (3)		
AURB 465	Urbanism	3
Architecture Electives (15)		
Select 15 credit hours ¹		15
Certificate in AI Fluency (9)		
CS 180	Artificial Intelligence Foundations	3
COM 200	AI, Data, and Communications	3
MATH 123	AI for Computational Mathematics and Coding	3
Certificate in AI Management (9)		
Data Literacy		
Choose 1 of the following 2 courses		
DS 151	Introduction to Data Science	3
or BUS 102	Business Analytics Fundamentals	
Organizational Transformation		
BUS 432	Artificial Intelligence in Business	3
Ethics and Responsible Use of AI		
Choose 1 of the following 4 courses: ³		
PHIL 281	Artificial Intelligence, Philosophy and Ethics	3
or DS 261	Data Ethics and Responsible AI	
or PHIL 272	Ethics of Technology and Communication	
or PHIL 380	Seminar in Philosophy	
Mathematics Requirements (5-6)		
MATH 151	Calculus I ²	5-6
or MATH 119 & MATH 122	Geometry for Architects and Introduction to Calculus	

or MATH 119 & STAT 225 Geometry for Architects and Introductory Statistics

Physics Requirement (4)	
PHYS 200	Introduction to Energy, Waves, Materials, and Forces 4
Humanities and Social Science Requirements (21)	
See Illinois Tech Core Curriculum, sections B and C	
21	
Interprofessional Projects (IPRO) (6)	
See Illinois Tech Core Curriculum, section E	
6	
Total Credit Hours 120-121	

¹ In place of two 3-credit Architecture Electives, the student may substitute ARCH 202 Studio IV (6 credits) with advisor permission.

² Math 119 (3 credits) and Math 122 (3 credits) are the recommended courses to meet the Mathematics requirement. STAT 225 (3 credits) may be substituted for Math 122. Math 151 (5 credits) can also be taken to satisfy the Mathematics requirement.

³ The PHIL 380 topic that satisfies the Artificial Intelligence requirement is PHIL 380 Philosophy of Data Science

		Year 1
Semester 1	Credit Hours	Credit Hours
ARCH 100	3	ARCH 108 3
ARCH 107	3	ARCH 114 6
ARCH 113	6	Humanities 100-level course 3
Math Requirement ¹	5	
17		12

		Year 2
Semester 1	Credit Hours	Credit Hours
ARCH 201	6	ARCH 230 3
ARCH 215	3	AAH 120 3
AAH 119	3	Architecture Elective ² 3
PHYS 200	4	Humanities, Social or Behavioral Science or COM course 3
		CS 180 3
16		15

		Year 3
Semester 1	Credit Hours	Credit Hours
AURB 465	3	ARCH 321 3
ARCH 334	3	Architecture Elective 3
Architecture Elective	3	Humanities Elective 200+ 3

Social or Behavioral Science course	3	COM 200	3
MATH 123	3	DS 151 or BUS 102	3
15		15	
		Year 4	
Semester 1	Credit Hours	Semester 2	Credit Hours
ARCH 413	3	Architecture Elective	3
Architecture Elective	3	Humanities Elective 200+	3
Social or Behavioral 200+ course	3	Social or Behavioral 200+ course	3
I PRO Elective I	3	I PRO Elective II	3
PHIL 281, DS 261, PHIL 272, or PHIL 380 ³	3	BUS 432	3
15		15	
Total Credit Hours: 120			

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² In place of two 3-credit Architecture Electives, the student may substitute ARCH 202 Studio IV (6 credits) with advisor permission.

³ PHIL 380 Philosophy of Data Science