

College of Engineering

Bachelor of Science in Architectural Engineering

Associate to Bachelor's (A→B) Articulation Agreement

For more information contact:

Office of Student Services
Metropolitan Community College
Elkhorn Valley Campus
(402) 289-1205
Fort Omaha Campus
(402) 457-2705
South Omaha Campus
(402) 738-4505
Sarpy Center
(402) 537-3800
Fremont Area Center
(402) 721-2507
Applied Technology Center
(402) 763-5800
Washington County
Technology Center
(402) 533-8400
www.mccneb.edu

University of Nebraska at Omaha
College of Engineering
Durham School of Architectural
Engineering and Construction
Christine Warren
(402) 554-3918
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Architectural Engineering is a program in the College of Engineering at the University of Nebraska – Lincoln (UNL). The program is offered at the University of Nebraska at Omaha (UNO) campus at the Peter Kiewit Institute. For more information, see the program website <http://www.durhamschool.unl.edu>

Pre-Architectural Engineering (PEARO) Associate in Science

General Education Requirements..... 27

Communications				Mathematics			
ENGL	1010	English Composition I *	4.5	MATH	1310	Intermediate Algebra [^]	4.5
ENGL	1020	English Composition II *	4.5	Other			
SPCH	1110	Public Speaking # ACE 2	4.5	HMRL	1010	Human Relations Skills *	4.5
				INFO	1001	Information Systems & Literacy	4.5

Major Requirements for Pre-Architectural Engineering 88!!!!

Mathematics / Computer Science				ACE 7 SLO - Select 1 course			
MATH	1420	College Algebra [^]	5	Met by ART 3780 History of Architecture since 1850 taken at PKI			
MATH	1430	Trigonometry [^]	4.5	ACE SLO 8			
ACE SLO 3				Met by ISMG 2060 Engineering Economy taken at PKI			
MATH	2410	Calculus I #	7.5	ACE SLO 9 - Select 1 course			
MATH	2411	Calculus II #	7.5	GEOG	1050	Introduction to Human Geography #	4.5
MATH	2412	Calculus III #	6	GEOG	2150	World Regional Geography #	4.5
MATH	2510	Differential Equations #	4.5	HIST	1110	World Civilization: Prehistory to 1500 #	4.5
ACE SLO 4 (required for major)				HIST	1112	World Civilization II #	4.5
CHEM	1210 & 1211	General Chemistry: Parts I & II OR	6	PHIL	2200	Introduction to Comparative Religion #	4.5
CHEM	1212	General Chemistry I: Accelerated #		Architectural Engineering Requirements			
PHYS	210ABC	General Physics IA, IB, IC #	7.5	ARCH	1000	Appreciation of Architecture #	4.5
PHYS	211ABC	General Physics IIA, IIB, IIC #	7.5	INFO	1003	Intro to Computer Programming [^]	5
ACE SLO 5 - Select 1 course				INFO	1521	JAVA Programming 1 #	4.5
Met by ART 3770 History of Architecture to 1850 taken at PKI							
ACE SLO 6 - Select 1 course							
PSYC	1010	Introduction to Psychology #	4.5				
Humanities – Select 1 course				Social Sciences – Select 1 course			
ARTS	1000	Introduction to Visual Arts	4.5	ECON	1000	Macroeconomics	4.5
ARTS	1020	2-D Design		ECON	1100	Microeconomics	4.5
ARTS	1110	Art History – Ancient to Gothic	4.5	HIST	1010	U.S. History to 1877	4.5
ARTS	1120	Art History – Renaissance to Modern	4.5	HIST	1020	U.S. History 1877 to Present	4.5
Or any course from the Humanities transfer list in the MCC catalog				Or any course from the Social Sciences transfer list in the MCC catalog			

Total Required Quarter Hours..... 115

Total Transferable Semester Hours..... 60 (90QH)

Credits are listed in Quarter Hours. 4.5 Quarter Hours = 3 Semester Hours.

NOTES

* Courses are required for MCC's Associate in Science Degree but do not transfer to the College of Engineering.

** Courses are required for MCC's Associate in Science Degree and are transferable to UNO, but are not required for the College of Engineering.

[^] Courses are not required for the College of Engineering, but are prerequisites to other courses. For example, MATH 1310 is not required but is needed to prepare for MATH 1420 and MATH 2410.

Courses transfer to UNO's Architectural Engineering program in the College of Engineering.

In addition to the courses listed above, a course in Engineering Statics EMEC 2230 is recommended. Students are encouraged to co-enroll in the UNO course while completing the transferable MCC courses. Contact an advisor at UNO for details.

Students planning to enroll in Architectural Engineering should discuss their overall program of study with an Architectural Engineering advisor. Please call 554-3856 for an appointment.