

Appendix A - Program to Program Articulation Transfer Pathway
Effective Date:09/01/2019

 Transfer pathway accompanies new agreement

 Revised transfer pathway for existing agreement

PROGRAM INFORMATION				
	McHenry College, Crystal Lake, IL	University of Wisconsin-Platteville, Platteville, WI		
Program Name	Associate in Engineering Science	Civil Engineering		
Award Type (i.e. B.S.)	AES	Bachelor of Science		
SECTION A – GENERAL EDUCATION				
UW-Platteville Requirement	Suggested Courses to take within Associate in Engineering Science Degree	UW-Platteville Equivalent	UWP Required	MCC Credits
English Composition	ENG 151 Composition I ENG 152 Composition II	ENGLISH 1130 Freshmen Composition ENGLISH 1230 Freshmen Composition	6–7	6
Entry Year Experience Not needed – with 30 transferrable credits			0 - 1	
Foreign Language § Complete One Semester of College or Two Years of HS			0–4	
Speech		SPEECH 1010 Public Speaking	2	
Mathematics*	MAT 175 Calculus with Analytic Geometry I	MATH 2640 Calculus & Analytical Geometry I	3	5
Wellness §			1	
Physical Activity §			1	
Humanities §	See General Education Course Options		3	3
Fine Arts §	See General Education Course Options		3	3
Historical Perspective §			3	
Social Sciences §	See General Education Course Options		6	6
Natural Sciences*	PHY 291 Principles of Physics I PHY 292 Principles of Physics II OR CHEM 165 General Chemistry I CHEM 166 General Chemistry II <i>UW-Platteville prefers students complete CHEM 165 and CHEM 166</i>	PHYSICS 2240 General Physics I PHYSICS 2340 General Physics II OR CHEMISTRY 1140 General Chemistry I CHEMISTRY 1240 General Chemistry II	8	8
International Education §	See General Education Course Options		0–3	
Ethnic and Gender Studies ¶§	See General Education Course Options		0–6	
Additional Natural Science*, Mathematics*, or Social Science	MAT 245 Calculus with Analytic Geometry II	MATH 2740 Calculus & Analytical Geometry II	4	5
Total			42 -55	36

Special Notes, if any: * Courses may count towards the requirements for the major

† Requirements mandated by external professional accrediting associations must be met

‡ Ethnic studies/cultural diversity requirements must be met

§ Transferable courses are listed in Appendix A or are searchable through the Transfer Evaluation System (TES)

(<https://www.uwplatt.edu/admission/transfer-credits>).

General education courses not completed at the sending institution must be completed at UW-Platteville. Associate in Engineering Science will include all Chemistry, Physics, and Math (except Statistical Methods) courses. Students must have a Minimum Total Credits of 124 for an Civil Engineering degree from UW-Platteville.

SECTION B – MAJOR, CONCENTRATION, EMPHASIS, ELECTIVES OR OTHER					
McHenry College, Crystal Lake, IL			University of Wisconsin-Platteville, Platteville WI		
Catalog Subject and Number	Course Name	Credits Student will receive amount of credits completed at McHenry	Catalog Subject and Number	Course Name	Credits Student will receive amount of credits completed at McHenry
MAT 255	Calc./Anal. Geo. III	4	MATH 2840	Calculus & Analytical Geometry III	4
*MAT 260	Differential Equations	3	*MATH 3630	Differential Equations I	3
CHM 165	General Chemistry I	5	CHEMISTRY 1140	General Chemistry I	5
CHM 166	General Chemistry II	5	CHEMISTRY 1240	General Chemistry II	5
EGR 151	Engineering Graphics	4	GENENG 1320	Engineering Computer Graphics	2
EGR 251	Statics	3	GENENG 2130	Engineering Mechanics- Statics	3
EGR 252	Dynamics	3	GENENG 2230	Engineering Mechanics- Dynamics	3
**CSC 121	Computer Science I	4	COMPUTER 1000T	Elective	4
Total College Credits Applied from Section B		31			29

*MAT 260 at McHenry College will fulfill UW Platteville MATH 3630 Differential Equations for Civil Engineering Majors.

**If student takes CSC 121 and CSC 122 credit will be granted at UW-Platteville for COMPUTER 143 Programming IN C ++

SECTION C – REMAINING UNIVERSITY OF WISCONSIN-PLATTEVILLE REQUIREMENTS			
Catalog Subject and Number	Course Name	Credits	Course Attribute
MATH 4030	Statistical Methods with Applications	3	Major
GENENG 1030	Intro Engineering Projects-need degree program change form	1	Major
GEOLOGY 3130 or 1140	Engineering Geology or Physical Geology	3-4	Major
GENENG 2340	Mechanics of Materials	4	Major
GENENG 2820	Engineering Economics	2	Major
CIVILENG 2000	Introduction to Infrastructure	3	Major
CIVILENG 2220	Civil and Environmental Engineering Computer Applications	2	Major
CIVILENG 2630	Elements of Surveying	3	Major
CIVILENG 3020	Construction Engineering	3	Major
CIVILENG 3030	Construction Materials	3	Major
CIVILENG 3140	Introduction to Structural Engineering	4	Major

CIVILENG 3300	FluidMechanics	4	Major
CIVILENG 3340	Environmental Engineering	4	Major
CIVILENG 3530	Transportation Engineering	3	Major
CIVILENG 3740	Geotechnical Engineering I	4	Major
CIVILENG 4930	Civil and Environmental Engineering Design Project	3	Major
Subject area varies	Career and Development	2	Major
Technical Electives (14 Credits) Select an emphasis area.		14	
	Construction Engineering Emphasis		
	Geotechnical EngineeringEmphasis		
	Environmental EngineeringEmphasis		
	Structural EngineeringEmphasis		
	Transportation EngineeringEmphasis		
	Municipal EngineeringEmphasis		
Total Remaining UW-Platteville credits		63-66	

MCHENRY COUNTY COLLEGE GENERAL EDUCATION COURSE OPTIONS		
	General Education	UW-Platteville Req. Credits
Speech §	SPE151	2
Wellness §		1
Physical Activity§		1
Humanities §	ENG240, 251, 253, 254, 255, 256, 260, 261, 270, 271, 272, 275, 276; FRE252;GER252; JRN180; MUS151; PHI151, 160, 240, 251, 261, 262,;SPA252	3
Fine Arts §	ART151, 155, 165, 171, 174, 175; MUS153, 154, 171, 172, ;THE151	3
Historical Perspective§	HIS131, 132, 165, 170, 172; PLT150, 151, 155, 251, 255; PSY151, 251, 260, 265;SOC151, 175, 251, 260, 261	3
Social Sciences §	ANT151, 155, 160, 170; ECO251, 252; GEG202, 203,204	6
International Education §	ANT155, 160, 170; ART155; ENG251, 254, 276; FRE252; GEG202, 204; GER252;MUS153; PHI160; PLT251, 255	0-3
Ethnic and Gender Studies #§	ENG275; SOC260,261	0-6

Contact Information:

Transfer Coordinator and Advisor
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Date Created 8.29.2019	Course Equivalencies in TES:	S:\WGroups\Articulation_Agreements_Transfer_Guides\NEW or UPDATED Agreements\2019 NewAgreements