Sample Course Plan

Associate of Science to Bachelor of Science in Electrical Engineering

This is a sample plan to guide you through the transfer pathway between Nicolet College and the University of Wisconsin-Platteville. Upon completion, you will have earned an Associate of Science degree from Nicolet College and a Bachelor of Science in Electrical Engineering from UW-Platteville. This is a sample plan and there are alternative paths to earning your degrees. Course offerings and rotations are subject to change. Please work with your advisor(s) to determine the best path forward for you.

NC=Nicolet College; UWP=UW-Platteville

Year One

		Semester One				Semester Two	
NC	20-801-219	English Composition I	3	NC	20-801-223	English Composition II	3
NC	20-806-245	College Chemistry I	5	NC	20-806-249	College Chemistry II	5
NC	20-890-101	Fdns of Uni Learning	1	NC		Diversity and Ethnic Studies	3
NC	20-810-201	Speech	3	NC		Humanities Requirement	3
NC		Health/Wellness Requirement	1				
		Total Credits	*13*			*Total Credits*	*14*

Year Two

		Semester One				Semester Two	
NC	20-804-236	Calculus & Analytic Geometry I	5	NC	20-804-240	Calculus & Analytic Geometry II	5
NC	20-806-286	College Physics I - Calc Based	5	NC	20-806-287	College Physics II - Calc Based	5
NC		World Language or Elective	4	UWP	ENERGY 2130	Energy, Environment, and Society	3
UWP	ELECTENG 1020	Electrical Engineering Project and Tools	1	UWP	ELECTENG 1210	Circuit Modeling I	3
		Total Credits	*15*			*Total Credits*	*16*

Year Three

		Semester One				Semester Two	
NC	20-804-241	Calculus & Analytic Geometry III	5	NC		Social Sciences Requirement	3
UWP	ELECTENG 2210	Circuit Modeling II	4	NC		Humanities Requirement	3
UWP	COMPENG 2780	Logic and Digital Design	4	UWP	MATH 3630	Differential Equations	3
UWP	GENENG 2820	Engineering Economy	2	UWP	PHYSICS 3140	Modern Physics	4
				UWP	ELECTENG 3020	Analog Electronics	4
		Total Credits	*15*			*Total Credits*	*17*

Year Four

		Semester One				Semester Two	
UWP	INDSTENG 3730	Engineering Management	3	UWP	ELECTENG 4900	Senior Design I	1
UWP	COMPUTER 1430	Intro to Computer Programming	3	UWP		Emphasis Elective	4
UWP	ELECTENG 3140	Electric and Magnetic Fields	3	UWP		Emphasis Elective	4
UWP	ELECTENG 3210	Engineering Computation	3	UWP		Emphasis Elective	4
UWP	ELECTENG 3220	Signals and Systems	4				
		Total Credits	*16*			*Total Credits*	*13*

Year Five

		Semester One	
UWP	ELECTENG 4930	Senior Design II	3
UWP		Emphasis Elective	4
UWP		Emphasis Elective	4
UWP		Emphasis Elective	4
		Total Credits	*15*