

Example Dual-Degree Plan: Physics B.S.— Baker University & Electrical Engineering B.S.—University of North Dakota (UND)

Freshman Fall				
Course #	Course Name	Cr.	Where	Notes
MA171	Calculus I	4	BU	
PC225	Gen. Physics I	4	BU	
CH137/L	Gen. Chemistry I/Lab	4	BU	
BC110	Freshman Seminar I	3	BU	
BK101	Baker Experience	1	BU	

Sophomore Fall				
Course #	Course Name	Cr.	Where	Notes
PC325	Gen. Physics III	4	BU	See. Below*
PC361	Thermodynamics	3	BU	
MA372	Differential Equations	3	BU	
Core-WL	Core-Foreign Language	4	BU	
EE101	Intro. to Electrical Engr.	3	UND	

Junior Fall				
Course #	Course Name	Cr.	Taken	Notes
PC470	Electricity and Magnetism I	3	BU	Tech. Elective
MA281	Linear Algebra	4	BU	
EE221/L	Electrical Circuits/Lab	4	UND	
CSCI160	Computer Science I	4	UND	

Senior Fall				
Course #	Course Name	Cr.	Taken	Notes
PC490	Quantum Mechanics	3	BU	
CORE-CA	Core Elective-Creative Arts	3	BU	
EE321/L	Electronics I/Lab	4	UND	
EE360	Signals and Systems	3	UND	
EE385	Engineering Data Analysis	3	UND	

Freshman Spring				
Course #	Course Name	Cr.	Where	Notes
MA172	Calculus II	4	BU	
PC226	Gen. Physics II	4	BU	See Below*
CH138	Gen. Chemistry II/Lab	4	BU	
BC120	Freshman Seminar II	3	BU	

Sophomore Spring				
Course #	Course Name	Cr.	Where	Notes
MA271	Calculus III	4	BU	
PC332	Electronics	4	BU	
Core-SS	Core-Social Sciences	3	BU	
Core-HU	Core Elective- Humanities	3	BU	
EE111/L	Digital Circuits/Lab	4	UND	

Junior Spring				
Course #	Course Name	Cr.	Where	Notes
PC471	Electricity and Magnetism II	3	BU	
PC381	Statics	3	BU	Non-EE Elective
EE292	Sophomore Design	3	UND	
EE211	Embedded Systems	3	UND	
EE222/L	Electrical Circuits II/Lab	4	UND	

Senior Spring				
Course #	Course Name	Cr.	Where	Notes
PC491	Senior Projects	1	BU	
Core-CA	Core Elective- Creative Arts	3	BU	
EE392	Junior Design	3	UND	
EE301	Electric Drives	3	UND	
EE322	Electronics II	3	UND	
EE330	Electric and Magnetic Fields	3	UND	

Fifth Year Spring				
Course #	Course Name	Cr.	Where	Notes
Core-Cap	Core- Capstone	3	BU	
EE493	Senior Design II	4	UND	
EE350	Fundamentals of Control	3	UND	
EE331	Electromagnetic Waves	3	UND	
EE Elec.	Electrical Engineering Elective	3	UND	

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