

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

Freshman Fall				
Course #	Course Name	Cr.	Where	Notes
CH137/L	Gen. Chemistry I/Lab	4	BU	
BK101	Baker Experience	1	BU	
BC110	Freshman Seminar I	3	BU	
MA171	Calculus I	4	BU	
Core-WL	World Language Requirement	4	BU	

Sophomore Fall				
Course #	Course Name	Cr.	Where	Notes
CH251/L	Organic Chemistry I/Lab	4	BU	
PC225	General Physics I	4	BU	
MA372	Differential Equations	3	BU	
BME180	BME IBL I	2	UND	
Prog.	Approved Programing Course	3	UND	

Junior Fall				
Course #	Course Name	Cr.	Taken	Notes
CH361/L	Physical Chemistry I/Lab	4	BU	
CH370	Biochemistry	3	BU	
PC325	Gen. Physics III	4	BU	See Below*
BME280	BME IBL III	2	UND	
Tech El.	Approved Technical Elective	3	UND	

Senior Fall				
Course #	Course Name	Cr.	Taken	Notes
Core-HU	Core Elective- Humanities	3	BU	Core- HUM
Core-CA	Core Elective- Creative Arts	3	BU	Core- FA
BME380	Junior IBL I	2	UND	BME 380
Tech El.	Approved Technical Elective	3	UND	Tech Elect.
Tech El.	Approved Technical Elective	3	UND	Tech Elect.
Tech El.	Approved Technical Elective	3	UND	Tech Elect.

Freshman Spring				
Course #	Course Name	Cr.	Where	Notes
MA172	Calculus II	4	BU	
CH138	Gen. Chemistry II/Lab	4	BU	
BC120	Freshman Seminar II	3	BU	
Core-SS	Core Elective- Social Sciences	3	BU	
Core-CA	Core Elective- Creative Arts	3	BU	

Sophomore Spring				
Course #	Course Name	Cr.	Where	Notes
CH252/L	Organic Chemistry II/Lab	4	BU	ACS Elective
PC226	General Physics II	4	BU	See Below*
MA271	Calculus III	4	BU	
BME181	BME IBL II	2	UND	
EE Elect	Approved Elec. Engr. Found.	3	UND	

Junior Spring				
Course #	Course Name	Cr.	Where	Notes
CH340	Analytical Chemical Methods	3	BU	
CH362/L	Physical Chemistry II/Lab	4	BU	
BME281	BME IBL IV	2	UND	
Stats.	Approved Stats. Course	3	UND	
Tech El.	Approved Technical Elective	3	UND	

Senior Spring				
Course #	Course Name	Cr.	Where	Notes
CH491	Senior Seminar	2	BU	
CH341	Instrumental Analysis	4	BU	
BME381	Junior IBL II	2	UND	
BME450	Biomedical Instrumentation	3	UND	
BME El.	Approved Biomedical Elective	3	UND	
Tech El.	Approved Technical Elective	3	UND	

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