

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	

Sophomor	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	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 Spr	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 EI.	Approved Biomedical Elective	3	UND	
Tech El.	Approved Technical Elective	3	UND	

Fifth Year	Fifth Year Fall			
Course #	Course Name	Cr.	Taken	Notes
PH120	Core Elective- HU (Ethics)	3	BU	
BME480	Senior IBL I	3	UND	
BME EI.	Approved Biomedical Elective	3	UND	
Tech El.	Approved Technical Elective	3	UND	
ENGR460	Engineering Economy	3	UND	

Fifth Year	Fifth Year Spring			
Course #	Course Name	Cr.	Where	Notes
Core-Cap	Core Capstone	3	BU	
PY111	Core Elective-SS (Gen. Psych.)	3	BU	
BME EI.	Approved Biomedical Elective	3	UND	
Tech El.	Approved Technical Elective	3	UND	
BME481	Senior IBL II	3	UND	

Interterm Courses (at Baker)	When to Take	Cr.
First Required Course	After Freshman Fall	1
Second Required Course	Before Senior Spring	1

NOTES	
	*PC 226 and PC 325 must both be completed for equivalency to PHYS 252 at UND.