

**COURSE REQUIREMENTS FOR THE B.S. DEGREE WITH A MAJOR IN PHYSICS**  
**(PLAN B - Engineering Dual Degree)**  
 Effective: Fall 2016

AREA	COURSE	HRS	GRADE
A	ENGL 1101	3	
A	ENGL 1102	3	
B	CORE B (See Catalog)	3	
B	XIDS 2001 (The Physical Universe)	1	
C	Core Elective (See Catalog)	3	
C	Core Elective (See Catalog)	3	
D	CHEM 1211K	4	
D	CHEM 1212K	4	
E	POLS 1101	3	
E	HIST 1111 or 1112	3	
E	HIST 2111 or 2112	3	
E	Core Elective (See Catalog)	3	
A&F	MATH 1113	3(A) 1(F)	
D&F	MATH 1634	3(D) 1(F)	
F	MATH 2644	4	
F	MATH 2654	4	
F	PHYS 2211	4	
F	PHYS 2212	4	
MAJOR	PHYS 3113	3	
MAJOR	PHYS 3213	3	
MAJOR	PHYS 3313	3	
MAJOR	PHYS 4313	3	
MAJOR	MATH 3303	3	
MAJOR	FL (6 hours) or six hours selected from: PHYS 4513, 4523, MATH 3063, 3003, 3353, 4203, 4313, 4363, or 4513	6	
MAJOR	Nine hours selected from: PHYS 3013, 3023, 3413, 3511, 3521, 4103, 4323, 4333, 4413, 4513, 4523, 4683, 4984	9	
MAJOR	X number of hours at the engineering school (Must include enough upper-level hours to make a total of at least 39)	21-30	
	NOTE: After completing the academic requirements of UWG and the participating engineering institution, the student will be awarded the bachelor's degree from UWG.		
MAJOR	Electives (Any hours less than 30 in X above should be accounted for here)	0-9	
	Total	120	

**No Physical Education requirement.**

**Hours earned in PE courses will not count in the 120 hours for graduation.**

**Six hours of Discipline-Specific (DSW) courses are required for the UWG degree.**

**DSW course options: PHYS 3511 (1), PHYS 3521 (1), PHYS 4103, PHYS 4984 (1), and as designated by the instructor**