

PLANT SCIENCES UNDERGRADUATE CURRICULUM

SAMPLE 4 YEAR PLAN

MARCH 2011

FIRST YEAR (Fall)		UD	FIRST YEAR (Spring)		UD
MATH 124 (Calculus I)	5		ISTA couse (100, 116, or 130)	3	
CHEM 151 (General Chem 1, incl. lab)	4		CHEM 152 (General Chem 2, incl. lab)	4	
ENGL 101 (First Year Composition)	3		ENGL 102 (First Year Composition)	3	
Gen Ed Tier I, TRAD 1	3		MCB 182R (Introductory Biology 2)	3	
			MCB 182L (Intro Bio Lab 2)	1	
			PLS 150 (Colloquium)	1	
Total:	15		Total:	15	
Number of labs:	1		Number of labs:	2	
SECOND YEAR (Fall)			SECOND YEAR (Spring)		
MCB 181R (Introductory Biology)	3		MATH 263 (Intro Stats/ Biostats)	3	
CHEM 241A (Organic)	3		BIOC 384 (Foundations in Biochem)	3	3
CHEM 243A (Organic lab)	1		PLS 312 (Animal & Plant Gen, incl. lab)	4	4
PLS 240 (Plant Biology, incl. lab)	4		Gen Ed Tier I, INDV 2	3	
Gen Ed Tier I, INDV 1	3		Gen Ed Tier I, TRAD 2	3	
Total:	14		Total:	16	
Number of labs:	2		Number of labs:	1	
THIRD YEAR (Fall)			THIRD YEAR (Spring)		
PLS 359 (Plant Cell Structure & Function)	3	3	PLS 360 (Plant Growth and Physiology)	3	3
BIOC 385 (Metabolic Biochem)	3	3	PHYS 102 (Introductory Physics)	3	
Core elective	3	3	PHYS 181 (Introductory Physics Lab)	1	
Language, 1st semester	4		Core elective	3	
Free Elective	3	3	Language, 2nd semester	4	
Total:	16		Total:	14	
Number of labs:	0		Number of labs:	1	
FOURTH YEAR (Fall)			FOURTH YEAR (Spring)		
PLS 498 (Senior Capstone)	2	2	Science Communication course	3	3
Gen Ed Tier II, Humanities	3		Gen Ed Tier II, Indv & Soc	3	
Gen Ed Tier II, Arts	3		Free elective	3	3
Free elective	3	3	Free elective	3	3
Free elective	3	3	Free elective	3	3
			Additional course	1	
Total:	14		Total:	16	
Number of labs:	0		Number of labs:	0	
GRAND TOTAL				120	
TOTAL UPPER DIVISION UNITS				42	