

Plant Sciences: Plant Biology 4-Year Academic Plan (0107D)

Year 1	Fall		Spring			
		Credit	Grade		Credit	Grade
Benchmark Requirements Must be completed by 2 semesters ENGL101 MATH 113, or 115 PLSC 110 & 111 or 112 & 113 (fall)**	MATH113 or 115 (MA)	3	_____	ENGL101 (AW)	3	_____
	Elective	3	_____	CHEM 131/132 (NL)	4	_____
	GenEd*	3	_____	PLSC110 & 111 (NL)**	4	_____
	GenEd*	6	_____	GenEd*	3	_____
	GenEd *	3	_____	Elective	3	_____
Total		18		Total	17	
Year 2						
Benchmark 2 Requirements Must be completed by 3 - 4 semesters CHEM131/132 ENST200	ENST200	4	_____	BSCI337***	4	_____
	PLSC201	4	_____	CHEM241/242	4	_____
	PHYS121 (NL) *	4	_____	MATH120 or 140 (AR)	3-4	_____
	CHEM231/232	4	_____	GenEd*	3	_____
Total		16		Total	14-15	
Year 3						
Major Requirements	PLSC420	4	_____	ENGL393 (PW)	3	_____
	PLSC 203 or BSCI222	3-4	_____	PLSC399	3	_____
	Elective	3	_____	PLSC271	3	_____
	GenEd*	6	_____	PLSC400	4	_____
	Total		16-17		Total	13
Year 4						
Major Requirements Total credits should equal at least 120 by the end of Year 4	PLSC398	1	_____	PLSC 460 (recommended SP)	3	_____
	Adv. PLSC Science Elective	3-4	_____	PLSC 202	4	_____
	Elective	3	_____	Adv. Science Elective	3-4	_____
	GenEd*	3	_____	Elective	3	_____
	GenEd*	3	_____	Elective	3	_____
Total		13-14		Total	16-17	

*All student must complete two Distributive Studies courses that are approved for I-series courses. *The Understanding Plural Societies (UP) and Cultural Competence (CC) courses may also fulfill Distributive Studies categories.

***BSCI337 Student may take BSCI337 (Spring) or BSCI497 (Fall) to satisfy this requirement.

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General Education Requirements (Grade of D- or higher is required)				Major Requirements (Grade of C- or higher is required)		
Fundamental Studies				Requirements	Credits	Grade
<i>Requirements: __credits</i>	Course	Credits	Grade	Benchmark 1 Requirements		
Academic Writing AW	ENGL101	3		ENGL101 (AW)	3	
Professional Writing PW	ENGL393	3		MATH113 or 115 (MA)	3	
Oral Comm. OC		3		PLSC110 & 111 or 112 & 113 (NL)	4	
Math MA	MATH113 or 115	3		Benchmark 2 Requirements		
Analytic Reasoning AR	MATH140 or 120	3-4		CHEM31/132 (NL)	4	
Distributive Studies				ENST200	4	
<i>Requirements: __credits</i>	Course	Credits	Grade	Major Requirements The cumulative average of these courses must be a 2.0		
Natural Science Lab NL	PLSC110/111 or 112/113	4		CHEM131/132 (NL)	4	
Natural Sciences NS or NL	CHEM131/132	4		ENGL101 (AW)	3	
History/Social Sciences HS		3		ENGL393 (PW)	3	
History/Social Sciences HS		3		ENST200 (NL)	4	
Humanities HU		3		MATH113 or 115 (MA)	3	
Humanities HU		3		PLSC110/111 or 112/113(N)	4	
Scholarship in Practice SP		3		PLSC398	1	
Scholarship in Practice SP (non major); LARC 160 recommended		3		Plant Biology Concentration Requirements		
I-Series				BSCI337 or 497	4	
Normally double counted with Distributive Studies				PLSC400 or BSCI442	4	
<i>Requirements: __credits</i>	Course	Credits	Grade	CHEM231/232	4	
I-Series IS		3		CHEM241/242	4	
I-Series IS		3		MATH140 (AR) or 120 (AR)	3-4	
Diversity				PHYS121 (NL)	4	
(overlap permitted with Distributive Studies and/or I-series)				PLSC201	4	
<i>Requirements: __credits</i>	Course	Credits	Grade	PLSC202 OR approved by advisor	4	
Understanding Plural Soc. UP		3		PLSC203 (NS) or BSCI222 (see advisor)	3-4	
Understanding Plural Soc. UP or Cultural Competency CC		3		PLSC271	3	
Experiential Learning- optional (overlap permitted with other requirements/courses)				plsc399	1-3	
Experiential Learning- optional (overlap permitted with other requirements/courses)				plsc420	4	
<i>Requirements: __credits</i>	Course	Credits	Grade	Advanced Plant Science Electives (Select 1)		
				PLSC403, 430, 432, 433, 452, 456, 474	3-4	
Advanced Science Electives (Select 1)				BCHM261 or BSCI461	3	
Students must complete a minimum of 40 credits of general education and earn a minimum of 120 credits to complete a degree.				ENST411	3	
Requirements for Graduation:				ENST417	3	
At least 30 credits must be earned at UMD			<input type="checkbox"/>	ENST421	4	
15 of the final 30 credits must be earned at the 300-400 level			<input type="checkbox"/>	PHYS122 (NL)	4	
12 upper level major credits must be earned at UMD			<input type="checkbox"/>			