Department of Plant Biology

Curriculum Checksheet Arizona State University **2001-2002**

CATALOG

College of Liberal Arts and Sciences (CLAS)

NAME	ASU ID	ADVISOR

DEGREE	MAJOR	MINOR (IF ANY)	
B.S.	**PLANT BIOLOGY**		This checksheet is a 1-page summary of your DARS printout. In the semester you register for your 87th hour, file a Declaration of Graduation and any exceptions (substitutions, evaluations) in CLAS (SS111)

University General Studies Core Area (* indicates C min req.)			**College of Liberal Arts and Sciences Graduation Requirements** (* indicates C min req.)				**PLANT BIOLOGY**			
AGEC CERTIFICATION ☐ YES ☐ NO			**Course Prefix & No.**	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.** (all major coursework C min.)	**Sem Hrs.**	**Term Done**	**Up. Div.**
First Year Composition			**Foreign Language** (201 & 202 are required for GRK, LAT, POR & ROM)				PLB 200, 201	**4**		
*ENG 101 ☐			201	**4**			BIO 320 or PLB 350	**3 / 4**		**3 / 4**
*ENG 102 ☐			*202	**4**			BIO 353	**3**		**3**
Literacy and Critical Inquiry			**Humanities:** Six hours at 300 level or higher				PLB 306	**4**		**4**
L:						**3**	PLB 308	**4**		**4**
L:						**3**	PLB 484 or PLB 499	**3**		**3**
Numeracy			**Social/Behavioral:** Six hours at 300 level or higher				**16-17 Hours of advisor approved elective credit in the life or physical sciences**			
MA: *MAT 251 ☐						**3**				
CS: See department option column						**3**				
Humanities/Fine Arts Six to nine hours. Three hours must be at the 300 level or higher. Taking only six hours in the Humanities requires taking nine in Social/Behavioral for University General Studies.			**Bridge Course:** One course of at least three hours							
		3								
			Natural Sciences and Mathematics							
			(Satisfied by Major Requirements)							
			CLAS Graduation Totals							
Social / Behavioral: Six to nine hours. Three hours must be at the 300 level or higher. Taking only six hours in Social/Behavioral requires taking nine in the Humanities for University General Studies.										
		3	**ELECTIVES** (Satisfy UD or Total Req. only)				**Related Fields** (Cross list w/ Nat Sciences) **Required Supplementary Courses**			
							CHM 113	**4**		
							CHM 115	**5**		
Sciences							CHM 231,235 **OR** 331,332,335,336 (see concentration options)	**4 / 8**		
(Satisfied by Major Requirements)							**Major Totals:** 54			
Awareness Areas (9 hours)							**CS course options, one of the following:**			
Cultural Diversity (C):							BIO 415	**4**		**4**
Global (G):							PLB 430	**3**		**3**
Historical (H):							PLB 432	**3**		**3**
Semester Hour Tally	**Sem. Hrs.**	**Up. Div.**					**MINOR REQUIREMENTS** (optional)			
CLAS Graduation Totals										
Elective Totals										
Major Totals										
Total Sem Hrs: 120										
Total Upper Division : 45										

12 UD in major @ ASU MAIN ☐									
30 Hours @ ASU ☐									
Min GPA 2.00 ☐									
	Elective Totals				**Minor Totals**				

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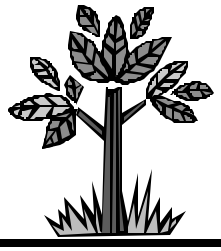
ENVIRONMENTAL SCIENCE & ECOLOGY				**PLANT BIOCHEMISTRY & MOLECULAR BIOLOGY**				**URBAN HORTICULTURE**			
Course Prefix & No. (all major coursework C min.)	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.** (all major coursework C min.)	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.** (all major coursework C min.)	**Sem Hrs.**	**Term Done**	**Up. Div.**
PLB 200, 201	**4**			MBB 245, 246	**4**			PLB 200, 201	**4**		
GLG101,103 or 110,111 or GPH 111	**4**			BIO 353	**3**		**3**	PLB 260	**4**		
BIO 320	**3**		**3**	PLB 308	**4**		**4**	PLB 362	**3**		**3**
PLB 310	**4**		**4**	PLB / MBB 350	**4**		**4**	PLB 364	**3**		**3**
PLB 322	**3**		**3**	PLB 444	**3**		**3**	PLB 370	**3**		**3**
PLB 420 or 421	**3**		**3**	PLB 484 or 499	**3**		**3**	PLB 414	**3**		**3**
PLB 484 or 499	**3**		**3**	**6-10 Hours of advisor approved elective credit in the life or physical sciences**				PLB 484	**3**		**3**
20 Hours of advisor approved credit in the life or physical sciences (13 hours must be upper division)								PLB 498	**1**		**1**
								At least 1 of the following:			
								BIO 320	**3**		**3**
								PLB 306	**4**		**4**
								PLB 308	**4**		**4**
								At least 1 of the following:			
								PLB 366	**3**		**3**
								PLB 372	**3**		**3**
								PLB 472	**3**		**3**
								15-16 Hours of advisor approved elective credit in the life or physical sciences			
				Related Fields (Cross List w/ Nat. Science) **Required Supplementary Courses**							
				BCH 361,367 or 461,462,467	**4/8**		**4/8**				
				CHM 113	**4**						
Related Fields (Cross List w/ Nat. Science) **Required Supplementary Courses**				CHM 115	**5**						
CHM 113	**4**			CHM 231	**3**						
CHM 115	**5**			CHM 235	**1**			**Related Fields** (Cross List w/ Nat. Science) **Required Supplementary Courses**			
CHM 231, 235	**4**			PHY 111, 113	**4**			CHM 101	**4**		
Major Totals: 60								CHM 231, 235	**4**		
CS course options, one of the following:				**Major Totals:** 60				ERS 130 or 225, 226	**4**		
PLB 430	**3**		**3**	**CS course options, one of the following:**				**Major Totals:** 54			
PLB 432	**3**		**3**	PLB 432	**3**		**3**	**CS course options, one of the following:**			
BIO 415	**4**		**4**	BIO 415	**4**		**4**	PLB 432 (CS)	**3**		**3**
STP 420	**3**		**3**	MAT 351	**3**		**3**	BIO 415 (CS)	**4**		**4**



A minimum of 120 semester hours, 45 of which must be Upper Division (300 level or higher), is required for graduation with a baccalaureate degree. These hours come from a combination of University General Studies Requirements, College of Liberal Arts & Sciences Graduation Requirements, Plant Biology Major Required Courses, and approved electives. All students are required to complete the University General Studies Core and the College of Liberal Arts & Sciences Proficiency Requirements, Major Requirements (Plant Biology Major Courses) and Distribution Requirements. Refer to the ASU Bulletin - General Catalog 2001-2002, for College of Liberal Arts & Sciences Graduation Requirements and for the University General Studies Requirements.

The Department of Plant Biology offers four curriculum options requiring 54-60 hours of coursework in the major, depending on the option you chose. The courses within the different concentrations account for 38-49 hours. The balance of the required minimum hours in each concentration is made up of electives chosen from the biological and physical sciences by the student through consultation with a faculty advisor.

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NAME	ASU ID	ADVISOR
MAJOR **PLANT BIOLOGY MINOR**		This checksheet is a 1-page summary of your necessary minor coursework only. You will need to obtain a complete checksheet from your major advisor.

Plant Biology Option				**Environmental Science & Ecology Option**				**Molecular Biosciences / Biotechnology Option**				**Urban Horticulture Option**			
Course Prefix & No.	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.**	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.**	**Sem Hrs.**	**Term Done**	**Up. Div.**	**Course Prefix & No.**	**Sem Hrs.**	**Term Done**	**Up. Div.**
PLB 200	**3**			PLB 200	**3**			MBB 245	**3**			PLB 200	**3**		
PLB 201	**1**			PLB 201	**1**			MBB 246	**1**			PLB 201	**1**		
And at least 1 of the following:				And at least 1 of the following:				And at least 1 of the following:				And at least 1 of the following:			
PLB 306	**4**		**4**	PLB 306	**4**		**4**	BIO 353	**3**		**3**	PLB 306	**4**		**4**
PLB 308	**4**		**4**	PLB 308	**4**		**4**	PLB 308	**4**		**4**	PLB 308	**4**		**4**
PLB 310	**4**		**4**	PLB 310	**4**		**4**	PLB 350	**4**		**4**	PLB 310	**4**		**4**
+16 hours of elective credit in the life sciences or other advisor-approved area (8 hours must be Upper Division)				+16 hours of elective credit in the life sciences or other advisor-approved area (8 hours must be Upper Division)				+16 hours of elective credit in the life sciences or other advisor-approved area (8 hours must be Upper Division)				+16 hours of elective credit in the life sciences or other advisor-approved area (8 hours must be Upper Division)			
Minor Totals: 24 hours min				Minor Totals: 24 hours min				Minor Totals: 24 hours min				Minor Totals: 24 hours min			
Suggested elective courses include:				**Suggested elective courses include:**				**Suggested elective courses include:**				**Suggested elective courses include:**			

BIO 320 Fundamentals of Ecology **BIO 353 Cell Biology** **PLB 300 Comparative Plant Diversity** **PLB 302 Plants and Civilization** **PLB 304 Biology of Algae & Fungi** **PLB 305 Desert Annuals & Cacti** **PLB 306 Plant Anatomy** **PLB 308 Plant Physiology** **PLB 310 Flora of Arizona** **PLB 400 Lichenology** **PLB 402 Mycology** **PLB 404 Phycology** **PLB 406 Vascular Plant Structure PLB 407 Plant Fossils** **PLB 408 Pollen and Spores** **PLB 410 Angiosperm Taxonomy** **PLB 411 Trees & Shrubs of Arizona** **PLB 412 Cytogenetics** **PLB 413 Cytogenetics Laboratory** **PLB 414 Plant Pathology** **PLB 416 Medical Botany**	**BIO 320 Fundamentals of Ecology** **GLG 101/103 Intro to Geology I** ***OR*** **GLG 110/111 Environmental Geology** **PLB 310 Flora of Arizona** **PLB 322 Environmental Science** **PLB 420 Plant Ecology: Organisms/Populations** **PLB 421 Plant Ecology:** **Communities/Ecosystems** **PLB 422 Plant Geography** **PLB 430 Statistical Analysis** **PLB 432 Computer App. Env. Sci.** **PLB 434 Ecological Modeling**	**PLB 340 Plant Cell Physiology** **PLB 352 Genetic Engineering & Society** **PLB 440 Photobiology** **PLB 442 Algal & Fungal Physiology** **PLB 444 Plant Growth & Development**	**BIO 320 Fundamentals of Ecology** **ERS 130 Soils & Environmental Quality** ***OR*** **ERS 225/226 Soils** **PLB 260 Plants in Cities: Intro to Urban Horticulture** **PLB 306 Plant Anatomy** **PLB 308 Plant Physiology** **PLB 362 Landscape Plants I** **PLB 363 Landscape Plants II** **PLB 364 Urban Forestry** **PLB 366 Interiors cape** **PLB 370 Landscape Practices** **PLB 372 Turf Management** **PLB 472 Greenhouse/Nursery Mgmt.**