

ASU-Tempe: School of Life Sciences, College of Liberal Arts and Sciences  
 BIS Area of Concentration Check Sheet: Plant Biology-Molecular Biosciences and  
 Biotechnology

Catalog Year: 2004-2005

Advising Location and Phone Number: LSC 206, (480) 727-6277

Description: The Plant Biology-Molecular Biosciences and Biotechnology concentration is offered to students interested in the study of the molecular genetics, cellular biology, and related biotechnology fields.

Course Number	Course Title	Lower Division	Upper Division	Sem./Year Taken
MBB 245	Cellular & Molecular Biology	3		
MBB 246	Cellular & Molecular Biology Lab	1		
PLB 308 or PLB 350	Plant Physiology Applied Genetics		4	
Upper Division Hours Required			12	
Total Hours Required			24	

**Requirements:**

A concentration in Plant Biology-Molecular Bioscience and Biotechnology consists of 24 hours in MBB, BIO, MIC, and PLB courses. Students must take MBB 245 and 246, and either PLB 308 or PLB 350 (PLB 350 is preferred). Additional courses (e.g., BIO 340, MBB 247 and 248, MBB 343, other life science courses) needed to reach the 24 hour requirement must be selected with the approval of an advisor in the School of Life Sciences. At least 12 hours must be upper division. *Courses not available for credit in life science majors cannot be used for the BIS Molecular Biosciences and Biotechnology concentration (e.g., BIO 201, PLB 108, PLB 320).*

“C” minimum required for all classes in the Molecular Biosciences and Biotechnology area of concentration.

A minimum of 12 hours of residence credit at ASU Main campus required.