

**Minor in Plant Molecular and Cellular Biology**  
Course of Study (2016-2017)

**MINOR IN PMCB**

MINOR IN PMCB			Hours
Course			
Prerequisites	BOT 2011C or	Plant Diversity or	
	BSC 2011 + Lab	Integrated Principles of Biology	
	CHM 2210	Organic Chemistry I	
	CHM 2211	Organic Chemistry II	
Required	HOS 3305	Introduction to Plant Molecular Biology	3
	HOS 4313C	Lab Methods in Plant Molecular Biology	2
Physiology requirement (select one)	HOS 4305	Horticultural Physiology	3
	BOT 3505	Physiology and Molecular Biology of Plants	3
Biochemistry requirement (select one)	BCH 3025	Fundamental of Biochemistry	4
	BCH 4024	Intro to Biochemistry and Molecular Biology	4
	CHM 3217	Organic / Biochemistry I	4
Genetics requirement (select one)	AGR 3303	Genetics	3
	MCB 4303	Genetics of Microorganisms	3
	PCB 3063	Genetics	3
	PCB 4522	Molecular Genetics	3
Electives (select one)	MCB 3020	Basic Biology of Microorganisms	3
	MCB 5303L	Microbial Genetics and Biotechnology Lab	2
	PLS 4242	Micropropagation of Horticultural Crops	4
	____ 4905	Individual study in PMCB	3-5
<b>Total</b>			<b>17-23</b>