

Comparing requirements for the Agricultural Biotechnology concentration versus pre-medicine requirements:

Recommended Pre-med courses	Required Courses in Agricultural Biotechnology	Notes
Introductory Biology: BIOL 1030+1050 and BIOL 1040+1060, or BIOL 1100 and BIOL 1110	Required for Agricultural Biotechnology	BIOL 1100+1110 are recommended for Agricultural Biotechnology, but not required
Introductory Chemistry: CH 1010 and CH 1020	Required for Agricultural Biotechnology	
CH 2230+2270, and CH 2240+2280 are recommended for pre-med studies	Organic Chemistry: CH 2010+2020	Substitutions can be granted for Agricultural Biotechnology students who wish to take CH 2230+2270
Either BCHM 3010 or 3050 are recommended	BCHM 3050 is required for Agricultural Biotechnology	
Either the PHYS 1220+1240 and PHYS 2210+2230 sequence; or the PHYS 2070+2090 and PHYS 2080+2100 sequence	Physics courses are not required for the Agricultural Biotechnology	
Introductory Psychology	Option for fulfilling one course in the social sciences requirement*	* Agricultural Biotechnology students are required to have two social science courses, but one social science course is fulfilled by ECON 2000 or ECON 2110. Therefore, either Psychology or Sociology could fulfill the second social science requirement.
Introductory Sociology	Option for fulfilling one course in the social sciences requirement*	

Additional recommended Pre-med courses	Required Courses in Agricultural Biotechnology	Notes
Anatomy and Physiology: BIOL 2220 and 2230, or BIOL 3150 and 3160	<b>Not required for Agricultural Biotechnology</b>	
Cell Biology: BIOL 4610	Can be used as concentration credit	Agricultural Biotechnology students are required to take several courses towards their concentration requirement, and BIOL 4610 can count as one of those courses.
Genetics: GEN 3000 or GEN 3020	GEN 3000 is required for Agricultural Biotechnology	
Microbiology: MICR 3050	MICR 3050 is required for Agricultural Biotechnology	

**Requirements vary by institution and should be verified individually.**