

Pre-ABE (Agricultural Biological Engineering)

<https://ag.purdue.edu/oap/Pages/major.aspx>

Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
Fall 1st Year				Spring 1st Year			
4	CHM 11500	General Chemistry	pre/co: calculus	4 or 3	CHM 11600 or CS 15900	General Chemistry or Programing Applications for Engineers	CHM 11500
4	ENGL 10600	English Composition		3	COM 11400	Fundamentals of Speech	
2	ENGR 13100	Transforming Ideas to Innovation I		3	ENGR 13200	Transforming Ideas to Innovation II	ENGR 13100
4	MA 16500	Plane Analytic Geometry and Calculus I	ALEKS 85+	4	MA 16600	Plane Analytic Geometry and Calculus II	MA 16500
3	_____	UCC Approved Humanities Selective		3	PHYS 17200	Modern Mechanics	MA 16500
17				17 or 16			

Upon successful completion of one year of pre-engineering curriculum, students can apply for admission to an undergraduate program of study. Details regarding the application process are available from the Agricultural and Biological Engineering Academic Programs office. Available specializations include:

- * Agricultural Engineering
- * Environmental and Natural Resource Engineering
- * Food and Biological Process Engineering
- * Cellular and Biomolecular Engineering
- * Pharmaceutical Process Engineering

MA 16100 and MA 16200 are alternatives to MA 16500 and 16600, respectively.

Students pursuing the Agricultural Engineering major may take CHM 11600 or CS 15900. All others should take CHM 11600.

Official and complete prerequisite lists are in the course catalog; the incomplete listing presented here regards this program and course sequencing.