The following Pima Community College courses are approved for transfer for the University of Arizona Biosystems Engineering Degree:

Course Key: Pima courses are listed in Black/ UA Biosystems Engineering courses are listed in Green

(– For students beginning their enrollment at Pima prior to Fall 2014):
  • BIO 181IN (*MCB 181R & L*
  • 182IN (*MCB 182R & L*) or 201IN (*PSIO 201*) or BIO 205IN (*MIC 205R & L*)
  • CHM 151IN or 151/151LB (*CHEM 151*)
  • CHM 152IN or 152/152LB (*CHEM 152*)
  • ENG 122IN (*ABE 221*)
  • 210 (*CE 214*)
  • 218 (*CE 218*)
  • 220 (*AME 250*)
  • MAT 262 (*MATH 254*)
  • WRT 254 (*Can be substituted for ENGL 308, does not apply to degrees outside of ENGR*)
  • ENG 102IN (*ENGR 102*)
  • MAT 220 (*MATH 124/122A and B*)
  • MAT 231 (*MATH 129*)
  • MAT 241 (*MATH 223*)
  • PHY 210IN or PHY 210/210LB (*PHYS 141*)
  • PHY 216IN or PHY 216/216LB (*PHYS 241*)

(For students beginning their Pima enrollment in Fall 2014 or after):
  • CHM 151IN or 151/151LB (*CHEM 151*)
  • CHM 152IN or 152/152LB (*CHEM 152*)
  • ENG 102IN (*ENGR 102*)
  • MAT 220 (*MATH 124/122A and B*)
  • MAT 231 (*MATH 129*)
  • MAT 241 (*MATH 223*)
  • MAT 262 (*MATH 254*)
  • PHY 210IN or PHY 210/210LB (*PHYS 141*)
  • PHY 216IN or PHY 216/216LB (*PHYS 241*)
  • BIO 181IN (*MCB 181R & L*)
  • 182IN (*MCB 182R & L*) or 201IN (*PSIO 201*) or BIO 205IN (*MIC 205R & L*)
  • ENG 122IN (*ABE 221*)
  • 210 (*CE 214*)
  • 218 (*CE 218*)
  • WRT 254 (*Can be substituted for ENGL 308, does not apply to degrees outside of ENGR*)
This transfer guide is recommended for students attending classes at Pima Community College and preparing to transfer to The University of Arizona, College of Engineering. Refer to The UA Catalog or contact the College of Engineering (621-6032) for additional information.

A maximum of 64 credits of transferable community college course work may be applied to a bachelor’s degree program at The University of Arizona.

ARIZONA GENERAL EDUCATION CURRICULUM (AGEC) – 35 credits (AGEC information – note that second language and major requirement courses may fulfill AGEC requirements – see your Pima advisor) Second Language is not required by UA Engineering. Any AGEC (i.e. AGEC A, AGEC B or AGEC S) will fulfill the UA general education requirements (Tier I and II). The recommended AGEC for this degree is the AGEC-S.

Freshman Composition: 6 credits

Mathematics: 3 credits (MAT 220 will fulfill this requirement) (MATH 122B)

Biological and Physical Sciences: 8 credits (PHY 210IN and 216IN will fulfill this requirement) (PHYS 141, 241)

Humanities and Fine Arts: 6 credits

Social and Behavioral Sciences: 6 credits

Other Requirement Options: 6 credits (MAT 231 and 241 will fulfill this requirement) (MATH 129, 223)

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