

Pima Community College Courses /University of Arizona Biosystems Engineering Courses

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*)

The University of Arizona
Pima Community College
Transfer Guide for 2015-2016

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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