ARCHITECTURAL ENGINEERING MINOR (code: AREG)

A Minor in Architectural Engineering is available to all students in the College of Engineering except students in the School of Civil Engineering. The Minor is focused on high performance buildings and will be granted on the completion of the following 18 crs (6 courses).

Required (4) courses (12 crs):

CE 311  Architectural Engineering
CE 413  Building Envelope Design and Thermal Loads
CE 414  Building Mechanical and Electrical System Design
CE 513  Lighting and Daylighting in Buildings

Elective (2) courses (6 crs) from the following list:

CE 371  Structural Analysis I
CE 479  Design of Building Components and Systems
CE 514  Building Controls
CE 515  Building Energy Audits
CE 597  Sustainable Building Design, Construction and Operation
ME 518  Analysis of Thermal Systems
ME 502  Indoor Environment Analysis and Design
ME 597  Solar Energy Engineering

Provided that the 18 credit hrs are successfully completed with a grade of “C” or better in all of the courses, then an Architectural Engineering Minor will be awarded. A grade of “C-” or lower in any of the above courses is not adequate to fulfill the Minor.

All of the above prescribed minor courses must be taken at the Purdue West Lafayette campus.