A. Courses of level 300 or higher from the following College of Engineering departments and programs may be used:

   Biomedical Engineering  
   Civil and Environmental Engineering  
   Electrical and Computer Engineering  
   Engineering Mechanics and Astronautics  
   Engineering Professional Development\(^1\)  
   Geological Engineering  
   Industrial Engineering  
   Interdisciplinary Courses (Engineering)\(^1\)  
   Materials Science and Engineering\(^2\)  
   Mechanical Engineering  
   Nuclear Engineering  
   Engineering Physics  

B. Biological Systems Engineering - BSE 542, Food Engineering Operations, and BSE 642, Food and Pharmaceutical Separations, may be used.

C. Any course of level 300 or higher from the following departments in the College of Letters and Sciences may be used:

   Chemistry  
   Computer Sciences  
   Math  
   Physics

\(^1\) InterEgr 160, and any other course of level 200 or higher.  
\(^2\) Full degree credit is not allowed if a student takes both CBE 440 and MS&E 350. MS&E 350 will be awarded only 1 degree credit.
D. The following courses may also be used:

   Econ 343 Environmental Economics
   Envir St 343 Environmental Economics
   Envir St/Phil 441 Environmental Ethics
   Hist Sci 337 History of Technology
   Stat 424 Experimental Design
   Biochem 501 Introduction to Biochemistry
      or Biochem 507 General Biochemistry
   Zool 570 Cell Biology
   Gen/Botany/Zool 466 General Genetics
   Bact 303 Biology of Microorganisms
   Biocore 301 Evolution, Ecology and Genetics
   Biocore 303 Cell Biology
   Acct IS 300 Accounting Principles
   Finance 300 Introduction to Finance

Students may petition the department to allow other courses related to engineering professional practice. To request that a course that is not listed above be used, the student should fill out the Professional Breadth Requirement Course Request form on the following page (also available online via http://www.engr.wisc.edu/che/current/undergrad/) and submit it to his/her advisor. The department will then decide if the course can be counted toward the Professional Breadth Requirement.