

**Resolution of the San Diego State University Senate:  
College of Engineering GE area B Variances**

Whereas, College of Engineering is a high-unit major degree program where number of units required to complete the degree programs ranges from 133 to 140;

Whereas, Title 5 Section 40508 requires that: As of the fall term of the 2014-15 academic year, no baccalaureate degree program shall extend the unit requirement beyond 120 semester units.

Whereas, College of Engineering program is accredited by ABET which places constraints on the number of major units, capstone design experience and number of math and science units;

Whereas, College of Engineering majors have to complete 30 units of math and science while CSU general education mandate is only 12 units;

Whereas, CSU area B requires students take courses in (1) math, (2) physical sciences and (3) life sciences. This limitation forces College of Engineering programs to either increase the number of math/science courses beyond the ABET mandated 30 units or reduce critical courses in other areas of science from their program.

Therefore, be it resolved that San Diego State University Senate approves:

**Special Provisions for Majors in Engineering and Related Fields**

1. Engineering majors may satisfy CSU area General Education B foundations requirements by completion of the preparation for the engineering major.
2. Engineering majors are exempt from completing a course in the "Explorations in Natural Sciences and Quantitative Reasoning" area. This requirement is satisfied by completion of the engineering major.