Bachelor of Science in Applied Science (Mechanical Engineering)

The Bachelor of Science in Applied Science (Mechanical Engineering) program provides substantive and consistent training in mechanical engineering with maximum flexibility. This program is advantageous if a student wishes to pursue a more flexible program than the accredited Bachelor of Science in Mechanical Engineering (BSME) degree program. It is especially suitable for a double major in combination with mathematics, physics, chemistry, biology, economics or another engineering discipline. The program can be planned to provide a background for graduate work in biological, medical or management fields. The Bachelor of Science in Applied Science is a nonprofessional degree; it is not accredited by the Engineering Accreditation Commission of ABET (http://www.abet.org).

The degree requirements include the residency and general requirements of the university and the school. The Bachelor of Science in Applied Science (Mechanical Engineering) degree requirements are as follows:

1. Complete a total of at least 120 applicable units
2. Complete a minimum of 60 units at Washington University
3. Complete at least 42 units at the 300 level or higher
4. Complete at least 48 units in mathematics, natural science and engineering
5. Complete at least 30 units of mechanical engineering (MEMS) courses
6. Satisfy the McKelvey School of Engineering English composition requirement
7. Satisfy the McKelvey School of Engineering humanities and social sciences requirement
8. Satisfy the residency requirement of 30 units of 200-level or higher engineering courses
9. Earn at least a 2.0 cumulative grade-point average in all applicable courses taken at Washington University
10. Earn at least a 2.0 cumulative GPA in all engineering courses