

BIOMEDICAL ENGINEER

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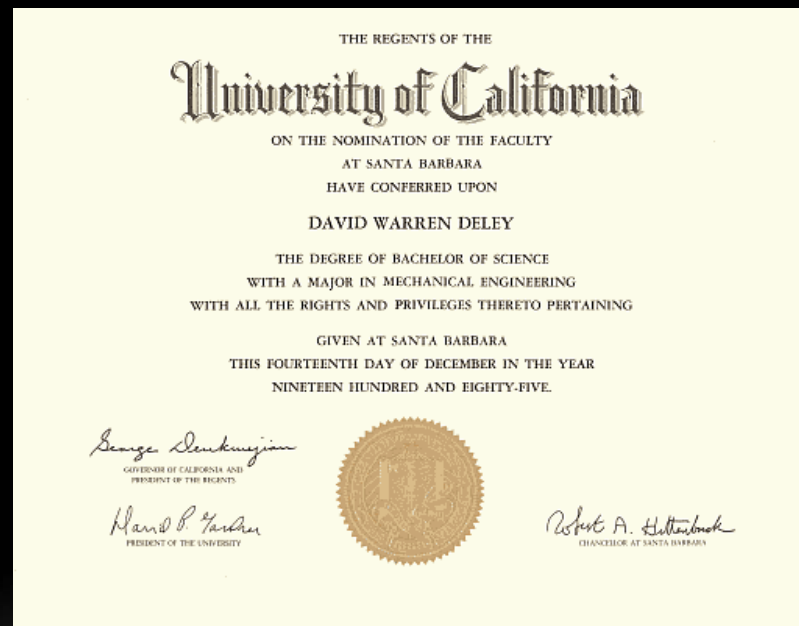


DESCRIPTION OF CAREER

- A Biomedical Engineer is the application of engineering design concepts and principles to biology and medicine for healthcare purposes.
- The field seeks to close the gap between engineering and medicine.

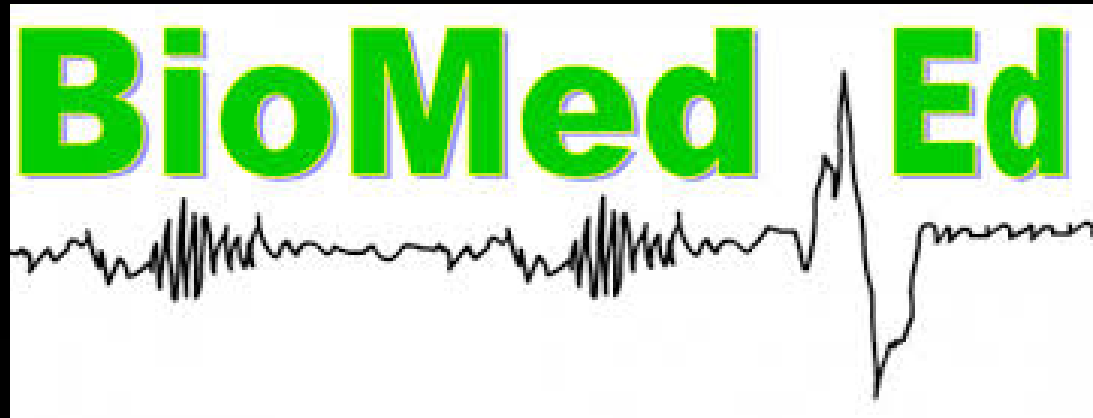
EDUCATION/TRAINING

- Typically need a Bachelor's Degree in Biomedical Engineering.
- Alternative method is getting a bachelor's degree in a different field of engineering then get a graduate's degree in biomedical engineering.



EDUCATION/TRAINING

- Professional qualifications for a biomedical engineer are obtained through completion of programs at an educational institution.
- Continuous professional development training is very essential for biomedical engineers to retain their skills.



TYPICAL DAY AS A BIOMEDICAL ENGINEER

- Typical day is combining skills of math and science with a strong understanding of biology.
- Biomedical Engineers typically meet with doctors and professionals to test and identify new products and procedures.
- Biomedical Engineers might develop improved hearing aids, new surgical devices, or synthetic joints.

PAY SCALE

- 1-5 years – \$41,095 to \$79,218
- 6-10 – \$53,355 to \$97,913.
- 11-15 – \$75,000+

RESOURCE PAGE

- http://en.wikipedia.org/wiki/Biomedical_engineering
- <http://www.bls.gov/ooh/architecture-and-engineering/biomedical-engineers.htm>
- http://www.who.int/medical_devices/support/en/
- <http://www.nextstepu.com/careers-in-biomedical-engineering.art#.UuFdcxAo6M8>
- http://degreedirectory.org/articles/What_is_the_Average_Salary_for_a_Biomedical_Engineer.html