

Doctor of Philosophy in Bioengineering
Track: Biomaterials & Tissue Engineering

Students entering SP12 to present

Track Director: Candan Tamerler, Ph.D. (ctamerler@ku.edu)

CORE	6 hours required
CPE 756	Intro to Bioengineering (3)
BIOE 800	Bioengineering Colloquium (.5) (2 total hours req)
BIOE 801	Responsible Conduct of Research in Engineering (1)

DEPTH	9 hours required
ME 765	Biomaterials (3)
CPE 752	Tissue Engineering (3)*
CPE 715	Drug Delivery (3)*
CPE/PHCH 725	Molecular Cell Biology (3)

* Students may take both courses. As a result, one course will count toward DEPTH and the other course will count toward BREADTH.

BREADTH*	21 hours minimum
----------	------------------

*All courses must be 700-level or above. Courses 500-699 may be taken with prior committee approval.

Choose appropriate courses from the Master Breadth Course List.

1. Math; Statistics; Numerical Methods (1 course min)
Statistics (1 course max)

2. Engineering; Biological Sciences; Math; Pharm Chem (3 course min)*

*Students must take at least one engineering course and at least one course from another category.

RESEARCH	18 hours minimum - 24 hours maximum
BIOE 999	Independent Investigation (Dissertation)

These hours are taken under your advisor/committee chair.

MINIMUM HOURS REQUIRED FOR DEGREE: 60