

## BIOENGINEERING GRADUATE PROGRAM

**PHD Degree – 60 credits (including 18 research credits (BIOE 9910))**

### DEPARTMENTAL CORE

**EXST 8010 – Experimental Statistics (4 credits)**

**BIOE 8000 – Seminar (6 credits)**

**BIOE 8160 – Bioengineering Career Professional Development (3 credits)**

**BIOE 8460 – Biomedical Basis for Engineered Replacements (3 credits)**

### TRACKS – RESEARCH FOCUSED

<b>BIOMATERIALS ENGINEERING</b>	<b>REGENERATIVE MEDICINE</b>	<b>BIOELECTRICAL ENGINEERING</b>	<b>BIOMECHANICAL ENGINEERING</b>
<b>TRACK CORE CLASSES:</b> BIOE 8010 BIOE 8020 BIOE 8200 BIOE 8470  <b>TRACK ELECTIVES:</b> BIOE 6120 BIOE 6230 BIOE 8030 BIOE 8070 BIOE 8240/8241 BIOE 8410 BIOE 8700/8701 BIOE 8750 BIOE 6820/6821 BIOE 8900 OTHERS APPROVED BY STUDENT'S ADVISING COMMITTEE  <b>Track Members:</b> Bob Latour (Track Chair) Jeoung Soo Lee Frank Alexis Sarah Harcum Ying Mei Alexey Vertegel Jeremy Gilbert	<b>TRACK CORE CLASSES:</b> BIOE 8010 BIOE 8020 BIOE 8490 BIOE 8730  <b>TRACK ELECTIVES:</b> BIOE 8470 BIOE 6400 BIOE 8410 BIOE 8240/8241 BIOE 8200 BIOE 6120 BIOE 6230 BIOE 8740 BIOE 8750 BIOE 6820 BIOE 8900 OTHERS APPROVED BY STUDENT'S ADVISING COMMITTEE  <b>Track Members:</b> Dan Simionescu (Track Chair) Aggie Simionescu Ann Foley Jeremy Mercuri Naren Vyavahare Ken Webb Brian Booth Renee Cottle	<b>TRACK CORE CLASSES:</b> BIOE 6310/6311 BIOE 6350 BIOE 8700/8701 BIOE 6710  <b>TRACK ELECTIVES:</b> BIOE 6230 BIOE 8900 OTHERS APPROVED BY STUDENT'S ADVISING COMMITTEE  <b>Track Members:</b> Bruce Gao (Track Chair) Guigen Zhang David Kwartowitz Delphine Dean Tong Ye	<b>TRACK CORE CLASSES:</b> BIOE 8010 BIOE 8200 BIOE 6350  <b>TRACK ELECTIVES:</b> BIOE 6120 BIOE 6230 BIOE 6820BIOE 8490 BIOE 8470 BIOE 8700 BIOE 8900 OTHERS APPROVED BY STUDENT'S ADVISING COMMITTEE  <b>Track Members:</b> Jiro Nagatomi (Track co- Chair) Martine LaBerge (Track co-Chair) Hai Yao Melinda Harman John DesJardins Will Richardson