

**Northwestern University
McCormick School of Engineering and Applied Science
Biomedical Engineering Track Form**

Name _____ Student ID _____ Catalog Year _____ Today's Date _____

If you change your track, a new form must be submitted. Please check the track you expect to follow.

I. TRACK COURSES: Check one and circle the courses you intend to use toward your Track

Biomechanics and Rehabilitation
Track Courses:
Both of the following: Bmd_Eng 366, 371
One of Bmd_Eng 346, 349
Two of Bmd_Eng; 344; 365; 377; Civ_Eng 327; Mech_Eng 315; 362;
389; 391; EECS 360

Transport Processes & Tissue Engineering
Track Courses:
Both of the following: Bmd_Eng 350, 377
One of Bmd_Eng 346, 349
Two of Bmd_Eng 310; 315; 317; 344, 371; Bmd_Eng 343 or Mat_Sci
370; Biol_Sci 315 or 390 (but not both)

Computer Engineering
Track Courses:
All of the following: EECS 211, 303; Bmd_Eng 383
One of following pair of courses: EECS 346 & 347; EECS 361 & 362;
EECS 391 & 392
Under Basic Engineering: (Note: This track alters your Basic Engineering Requirement)
EECS 202 (Electrical Science);
EECS 203; 205 (Computer Architecture & Numerical Methods);
1 from Bmd_Eng 220, EECS 302, IEMS 201, 303 or Mech_Eng 359
(Probability, Statistics & Quality Control)
1 from Bmd_Eng 250 (Thermodynamics) or Bmd_Eng 270, 271 or
Mech_Eng 241 (Fluids & Solids)

Biomedical Signals and Images
Track Courses:
Both of the following: Bmd_Eng 325; EECS 302
One of Bmd_Eng 327 or 333
Two of Bmd_Eng 323; 327; 333; 383; 495; EECS 328; 360; Phx 357
(Note: BME 327 & 333 are listed in 2 places in the track because both
courses can be used towards the track.)

Biological Materials and Molecular Engineering
Track Courses:
All of the following: Bmd_Eng 314, 317, 343 or Mat_Sci 380
One of Bmd_Eng 344 or Mat_Sci 331
One of Bmd_Eng 310; 315; 333; 346; 349; 350, 377; Mech_Eng 285;
Chem_Eng 372; 379; Biol_Sci 301, 315, 390

Electrical Engineering
Track Courses:
All of the following: EECS 223; 225; 230; 303; Bmd_Eng 383
Under Basic Engineering: (Note: This track alters your Basic Engineering Requirement)
EECS 202 (Electrical Science);
EECS 203 (Computer Architecture & Numerical Methods)
1 from Bmd_Eng 271; 270 or Mech_Eng 241 (Fluids & Solids)
1 from Mat_Sci 201 or 301 (Materials Science)
1 from Bmd_Eng 220, EECS 302, IEMS 201, 303 or Mech_Eng 359
(Probability, Statistics & Quality Control)

General (list all 5 courses) A different set of courses may be developed by student and advisor, and must be submitted to and approved by the BME Undergraduate Committee.

_____, _____, _____, _____, _____
SUBJECT AND COURSE # SUBJECT AND COURSE # SUBJECT AND COURSE # SUBJECT AND COURSE # SUBJECT AND COURSE #

*****PETITION SECTION*****

**FOR FIVE TRACK COURSES ONLY
IT IS NOT NECESSARY TO FILE A CURRICULUM PETITION IN ADDITION TO THIS FORM**

<u>REQUIREMENT</u>	<u>REQUESTED SUBSTITUTION</u>	<u>QTR/YR</u>	<u>REASON:</u>
_____ SUBJECT AND COURSE #	_____ SUBJECT AND COURSE #	_____ QTR/YEAR	
_____ SUBJECT AND COURSE #	_____ SUBJECT AND COURSE #	_____ QTR/YEAR	
_____ SUBJECT AND COURSE #	_____ SUBJECT AND COURSE #	_____ QTR/YEAR	
_____ SUBJECT AND COURSE #	_____ SUBJECT AND COURSE #	_____ QTR/YEAR	**Do Not use this form to petition Basic Engineering Requirements, use yellow Curriculum Petition instead
_____ SUBJECT AND COURSE #	_____ SUBJECT AND COURSE #	_____ QTR/YEAR	

Student's Signature _____ Date _____

Adviser's Signature _____ Date _____

Undergraduate Chair's Signature _____ Date _____

Students should obtain the signature of the advisor and undergraduate chair and return the signed form to the Academic Services Office L269, Tech.