



**Biomedical Engineering Academic Advisory
Committee Meeting Form**

Students fill out this form before committee meeting (typed) and hand out to members of advisory committee along with a one page research description (first year students exempt from research description). Advisory committee meeting includes 10 minute presentation by student covering their educational and research background, their current research progress, the courses they have taken to date, and their proposed courses; meeting is 30 minutes max. Following the meeting, the student is responsible for finalizing this form based on the discussion and obtaining signatures from committee members, signifying their approval. Within one week of meeting, student must submit this completed form (both soft and hard copy) to the Bioengineering Graduate Coordinator along with an updated C.V., one page research description, and hard copy of PowerPoint slides from meeting.

Fill in form and print out draft copies for committee members for meeting, incorporate suggestions and edits after the meeting, then print and keep a soft copy that you can update for later meetings.

Part 1: Student Information

Name: _____ ID#: _____ Date of Meeting: _____

Adviser: _____ Degree (MS/PhD): _____

Topic/Title of Thesis or Dissertation:

Members of student advisory committee:

BIOE Entry Yr: _____ BS Major Yr: _____ MS Major Yr: _____

Part 2: Student Background

A. Relevant undergraduate courses taken (course title or content):

List upper level technical courses relevant to graduate work



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Part 2: Student Background (continued)

B. Relevant graduate courses taken at other institutions (course title or content):

Career Goals: Industry Academia Both

Current Field: _____

C. Define areas of foundational engineering/scientific knowledge that are important in your field, for your career goals and relate these areas to past and future coursework.

- I. Knowledge areas well covered by courses you have taken to date:

- II. Knowledge areas that need to be strengthened through coursework:

- III. Knowledge areas that need to be strengthened by avenues other than coursework:

D. Title of papers published, accepted, submitted, or in preparation to date:



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Part 3: Graduate Coursework

PhD students must take a minimum of 6 credits each of Bioengineering and Life Sciences courses and 12 credits of Technical Electives. Of these 24 credits, at least 18 credits must be at 500-level. Life Science courses are in biological science departments such as Bio, BMB and IBIOS; engineering, chemistry and related courses that have some biological do not count for Life Science electives, with the exception of Bioe 512. Technical electives are engineering, math, chemistry, physics, life science, etc. MS students only need 6 Technical Elective credits and minimum 12 credits of coursework at 500-level. All students must take Bioe 591 Ethics (1 cr.) once (ideally first semester in program) and Bioe 590 Colloquium (1 cr.) ever semester until they graduate (for MS) or pass their Comprehensive Exam (for PhD).

A. Courses taken to date toward your Penn State Bioengineering degree:

Bioengineering Courses (6 credits minimum):

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Semester</u>
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Life Science Courses (6 credits minimum):

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Semester</u>
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Technical Elective Courses (6 credits for MS, 12 credits for PhD minimum):

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Semester</u>
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Bioe 590 (take every semester until graduation for MS and until Comp passed for PhD):
Enter each semester taken

Bioe 591 Ethics:
Enter semester taken



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Part 3: Graduate Coursework (continued)

B. Proposed courses for next two semesters

Give course number, title, # of credits and category (Bioe, LS, TE)

Semester: _____

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Category</u>
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Semester: _____

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Category</u>
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Proposed courses for future semesters (if any):

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Semester</u>	<u>Category</u>
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C. Graduate courses taken previously that can be substituted for PSU Bioe course requirements (use course substitution form, which must be approved by committee and Bioengineering IGDP Chair):

<u>Institution</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Category</u>
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Part 4: Exams

Candidacy Exam date taken or proposed: _____

Comprehensive Exam date taken or proposed: _____

Other issues discussed at advisory committee meeting:



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Signatures

Signatures of Advisory Committee members:

Date

Date

Date

Signature of Student:

Date