

**Plan of Work and Petition for Candidacy
Master's in Biomedical Engineering - Wayne State University**

Instructions provided on reverse side. Present completed form to advisor for approval.

NAME: _____ DEGREE PLAN: _____
 Last First MI A – THESIS _____
 ACCESS ID#: _____ C – NON-THESIS _____
 ADVISOR (Thesis-if applicable): _____ CURRENT G.P.A.: _____

Category	Course Number	Title	WSU Credit	Transfer Credit	Grade	Term / Year
Core Program Courses						
Core	BME 5010	Quantitative Physiology	4			
Core	BME 5020	Computer and Math Applications	4			
Core	BME 8070	Seminar	1			
21 credits of general courses (at least 13 credits in BME/Approved list). <i>See website for tracks' guidelines. Min 6 credits (Thesis/Non-Thesis) of 7000 level or above.</i>						
Electives						
Total						

NOTE: Any change in the Plan of Work requires approval and filing of the NEW Plan of Work & have it approved by your advisor BEFORE taking additional courses. **No class with a grade less than B- will count towards the completion of the degree.**

STUDENT'S SIGNATURE: _____ DATE: _____

PLAN OF WORK APPROVED: () YES () NO

ADVISOR'S SIGNATURE: _____ DATE: _____

GRADUATE PROGRAM DIRECTOR'S SIGNATURE: _____ DATE: _____

INSTRUCTIONS

A Plan of Work detailing the student's complete program must be completed and submitted to the student's academic advisor and the Graduate Program Chair for approval upon completion of 8 credit hours of course work. This should be done on Degree Works at this time with an email to the dept. advisor once completed.

Preparing the Plan: The student shall list on the Plan of Work form ALL the courses he/she has already taken for the degree and all future courses that will be taken to complete the degree. Future courses should be selected in consultation with the student's academic advisor and the following requirements must be fulfilled.

Degree Plans and Requirements: Both thesis and non-thesis options are available.

- Total credits required are **30** for both thesis and non-thesis degree plans.
- Students must pass all core courses before advancing to upper level courses.
- No class with a grade less than B- will count towards the completion of the degree.
- The following **9** credits of core courses are required for Thesis and Non-Thesis degree plan.
 - BME 5010 (4 credits) - Quantitative Physiology
 - BME 5020 (4 credits) - Math and Computer Applications
 - BME 8070 (1 credit) - Seminar in Biomedical Engineering
- For the remaining credits (**21** for Thesis/Non-Thesis), the following guidelines must be followed for preparing Plan of Work.

For Thesis Degree Plan:

8 credits of BME 8999 - Master's Thesis Research

- **13** credits of elective courses
 - Minimum of **6** credits at the 7000-level or above*(at least **3** credits in BME coursework)
 - Maximum of **4** credits in BME 5990/7990 (Directed study)
 - Maximum of **6** credits in BME 6991 (Internship)
 - Maximum of **6** credits of Non-BME courses**
 - The total credits for Directed Study/Internship combined cannot exceed 8 credits and individual maximums must be followed.

For Non-Thesis Degree Plan:

- **21** credits of general courses (at least **13** credits in BME/Approved list)
 - Minimum of **6** credits at the 7000-level or above* (with 3 credits in BME coursework)
 - Maximum of **4** credits in 5990 / 7990 (Directed study)
 - Maximum of **6** credits in BME 6991 (Internship)
 - Maximum of **6** credits of Non-BME courses**
 - The total credits for Directed Study/Internship combined cannot exceed 8 credits and individual maximums must be followed.

****BME 7990 and 8999 credits cannot be counted towards the minimum number of 7000-level credits in either the thesis or the non-thesis program***

*****For both thesis and non-thesis, Non-BME courses such as graduate level courses from other engineering, life science, medical school, kinesiology, math, physics and computer science programs will be allowed.***

- The listed Curriculum Tracks on the BME website should serve as a guide in the development of this plan.

Transfer of Credits: A maximum of **8** semester hours of credit from graduate school at other institutions may be transferred to the M.S. program if the following conditions apply:

- (a) The credit is certified as graduate-level on an official transcript of the original institution.
- (b) The coursework is applicable to the BME degree program.
- (c) The credit has not been used toward the requirements of another earned degree.
- (d) The course was completed with a grade of B or better. **Note: B- grades are not acceptable for transfer.**

Students wishing to apply transfer credit to their program should include those courses in the appropriate categories of the Plan of Work. The student must also file a petition for the acceptance of the transfer credit. The student's advisor, the Graduate Program Chair and Graduate School, must approve the petition.