



## Doctoral Coursework

**Overall Requirements.** A minimum of 90 semester credits beyond the baccalaureate degree are required.

- Minimum of **30** credits at the 7000-level or above.  
(may include BME 7990, BME 8070, BME 8080)
- Maximum of **16** credits of 7990 can be applied to the degree.
- At least **30** credits of coursework, outside of dissertation direction, must be completed at Wayne State

**Credit Breakdown.** The 90 semester credits should consist of:

- **13/14** credits of core courses plus **37/36** credits of elective coursework
- **30** credits of dissertation research (BME 999x)

The details of credits are given below.

### **13 - 14 credits of core courses:**

BME 5010 – Advanced Quantitative Physiology (4 cr)  
BME 5020 - Computer and Mathematical Applications (4 cr)  
BIO 5040, BIO 7040 or FPH 7015 - Biological Statistics (3-4 cr)  
BME 8070 - Seminar in Biomedical Engineering (1 cr)  
BME 8080 – PhD Qualifying Exam (1 cr)

### **46-47 credits of elective coursework:**

- Minimum of **12** credits of lecture credits in the Biomedical Engineering program excluding the core courses and minor.

### **30 credits of dissertation research (BME 999x)**

## **Transfer of Credit - Doctor of Philosophy Form**

Transfer credit must be appropriate to the student's degree program. Student should adhere to these guidelines when requesting transfer of credit.

- A student wishing to transfer graduate credit toward the Ph.D. program should file a **Transfer of Credit - Doctor of Philosophy Form** with the **Doctor of Philosophy - Plan of Work**.
- Transfer of Credit form must be accompanied by 1) course syllabus and 2) original, official transcripts, with final grades posted, from the university where the credit was earned.
- A minimum grade of B is necessary to transfer credits; B-minus, "P" or "S" (Pass or Satisfactory) grades are not transferable.
- Transfer credit cannot be used to reduce the minimum requirement of thirty credits that must be earned at Wayne State.