 | biomedical engineering

PhD in Biomedical Engineering Curriculum Guide

**UD ID#:** ########## **First Name:** First Name **Last Name:** Last Name

**Faculty Advisor:** Choose an item.Other **Admit term**: Enter Semester Yr.

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| --- | --- | --- | --- | --- |
| **Core Courses** |  |  |  |  |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| BISC 605 | Advanced Mammalian Physiology | 4 | Enter Semester | Grade |
| BISC 606 | Advanced Mammalian Physiology II | 4 | Enter Semester | Grade |
| BMEG 801 | Communications in Biomedical Engineering | 3 | Enter Semester | Grade |

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| **Core – Advanced Math – Take One** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| BMEG/ELEG 671  \_\_\_\_ \_\_\_\_ | \*Mathematical Physiology (preferred), or  Enter Other Approved course | 3 | Enter Semester | Grade |

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| **Core - Statistics– Take One** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| BISC 643  CHEG 604  \_\_\_\_ \_\_\_\_ | Biological Data Analysis, or  Probability & Statistics for Eng Problem Solving , or  Enter Other Approved course | 3 | Enter Semester | Grade |

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| **Technical Electives See list in Student Handbook (12 credits needed – level 600 or higher)** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| \_\_\_\_ \_\_\_\_ | Enter Course Name | 3 | Enter Semester | Grade |
| \_\_\_\_ \_\_\_\_ | Enter Course Name | 3 | Enter Semester | Grade |
| \_\_\_\_ \_\_\_\_ | Enter Course Name | 3 | Enter Semester | Grade |
| \_\_\_\_ \_\_\_\_ | Enter Course Name | 3 | Enter Semester | Grade |

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| **Research** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| BMEG 868 | Research | 3 | Enter Semester | Grade |

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| **Teaching Aide** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| \_\_\_\_ \_\_\_\_ | Enter Course Name | 0 | Enter Semester | **NA** |

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| **Seminar Series (3 semesters or 75% attendance of BME seminars)** | | | | | |
| ☐ BMEG 890, or  ☐ % Attendance | Enter Semester | ☐ BMEG 890, or  ☐ % Attendance | Enter Semester | ☐ BMEG 890, or  ☐ % Attendance | Enter Semester |

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**Qualifying Exam**: Taken in summer after first year, after five classes. Date taken: enter date

**Cumulative GPA 3.0 or better** (see website for details) Current GPA: Enter GPA

**Graduate Seminar Presentation** (2/3 yr pitch; 4/5 yr lecture) Pitch: Date Lecture: Date

**Establish Dissertation Committee**

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| **Dissertation Research (9 credit hours)** | | | | |
| **Course #** | **Course Name** | **Credits** | **Semester** | **Grade** |
| BMEG 964 | Pre-Candidacy Study (may be registered before candidacy) up to 9 credits |  | Enter Semester | Grade |
| BMEG 969 | Doctoral Dissertation | 9 | Enter Semester | Grade |

**Candidacy Form** to the Office of Graduate and Professional Education

**Become Sustaining** & register for UNIV 999 Each semester