# **Appendix B:** Curriculum Planning Worksheet

This is a statement that describes the way in which I have completed or I intend to complete the **minimum general course** requirements for a Ph.D. in Biophysics at Ohio State University.

**Name:**

**Admission Date:**

|  |  |  |
| --- | --- | --- |
| **Requirements** | **Description** | **Student Plan** |
| Physics | Through particles and waves, quantum mechanics and thermodynamics |  |
| Mathematics | Through differential and integral calculus |  |
| Chemistry | Through inorganic, organic chemistry and physical chemistry |  |
| Biology | General biology, microbiology, botany or animal physiology |  |
| Computer skills | Familiarity with programming in a modern language or experience with equivalent software. |  |
| Biochemistry | A complete graduate level biochemistry course or equivalent |  |
| Biophysics | Two semesters of introductory Biophysics or equivalent |  |
| Laboratory Course | Laboratory course or experience in biochemistry, molecular biology, electronics, etc. depending on area of interest. |  |
| Scientific Ethics | Scientific integrity, plagiarism, authorship, etc. |  |
| Grantsmanship | Background in grant writing techniques and approaches |  |
| Statistics | Basic statistical approaches to handling scientific data. |  |
| Lab Rotations | Minimum of 3 required |  |
| Spoken, written Eng. Requir. | Applies to non-domestic students only |  |

**Curriculum Planning Worksheet (cont.)**

The Biophysics training track that most closely describes my current primary research direction interests is

The Biophysics track that is the next closest area I am also interested in is:      

|  |  |
| --- | --- |
| *Planned 1st year schedule* | *Planned 2nd year schedule* |
| **Autumn semester** | **Autumn semester** |
| 1. Physics 7891-0020 (1 Cr)  2. Biophysics 6702 (2 Cr core)  3. Physics 6809 (4 Cr core)  4. Biophysics 7600 (1 Cr)  4. Course 1  Department 8998/7998 | 1. Physics 7891-0020 (1 Cr)  Department 8998/7998 |
| **Spring semester** | **Spring semester** |
| 1. Physics 7891-0020 (1 Cr)  2. Biochemistry 6765.02 (3 Cr core)  3. Course 1  4. Course 2  Department 8998/7998/8999 | 1. Physics 7891-0020 (1 Cr)  Department 8998/7998 |
| **Summer term** | **Summer term** |
| Department 8998/7998 | Biophysics 6000 (Writing) Department 8998/7998/8998 |

Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_

Grad Studies Chair/Program (Co-) Director Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_