

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: _____

<i>Planned 1st year schedule</i>	<i>Planned 2nd year schedule</i>
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
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Student Signature _____ Date _____

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