BIOPHYSICS GRADUATE GROUP

Ph.D. FIRST QUARTER PROGRESS REPORT

Please fill this out with your advisors and submit it electronically to your graduate coordinator.

Date: \_\_\_\_\_\_\_\_\_\_\_

Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guiding Committee:

Academic Advisor Signature

1. Enrolled in Rotation Program? (Circle one) Yes No

If no, name major professor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advice regarding lab rotations, if appropriate:

2a. Advice on prerequisites needed before taking the required courses, and any additional coursework suggestions:

|  |  |  |
| --- | --- | --- |
| **Required Prerequisite (all students)** | **Completed? Y/N** | **Quarter of Expected Completion** |
| One year of Calculus, Analytical Geometry and Vector Analysis, or equivalent content (e.g., Math 21 ABCD) |  |  |
| One year of Physics, or equivalent content (e.g., Physics 9 ABCD or 9HA-9HE) |  |  |
| Physics 110 A (Electricity and magnetism) |  |  |
| One quarter or semester of Introductory Statistics, or equivalent content (e.g., Statistics 32) |  |  |
| One year of General Chemistry with laboratory, or equivalent content (e.g., Chemistry 2ABC) |  |  |
| One quarter or semester of Biochemistry or Organic Chemistry (e.g., BIS 102 Structure and function of biomolecules) |  |  |

|  |  |  |
| --- | --- | --- |
| **Required Prerequisite (Molecular and Cellular Biophysics)** | **Completed? Y/N** | **Quarter of Expected Completion** |
| Two quarters or one semester of General Biology (e.g., BIS 101 (Genes and gene expression, NPB 101 (Systemic physiology), BIS 104 (Regulation of cell function)) |  |  |
| **Required Prerequisite (Structural Biophysics)** |  |  |
| One quarter or semester of Organic Chemistry (CHE 118A or 128A) and Physical Chemistry (CHE 107AB) |  |  |
| One quarter or semester of Linear Algebra and Differential Equations (e.g., MAT 22AB) |  |  |
| **Required Prerequisite (Computational Biophysics)** |  |  |
| One quarter or semester of Linear Algebra and Differential Equations (e.g., MAT 22AB) |  |  |
| One quarter or semester of Physical Chemistry (CHE 107AB) |  |  |
| One quarter or semester of Programming ECS 17 (Data, Logic & Computing) or 20 (Discrete Mathematics for Computer Science) |  |  |

2b. Status of Required Core Courses and Seminars

|  |  |
| --- | --- |
| **Required Courses (16 units)** | **Quarter of Expected Completion** |
| BCB 211 (Fall)  Macromolecular Structure & Interactions |  |
| BPH 241 (Spring)  Membrane Biology |  |
| BPH 200A (Winter)  Current Techniques in BPH |  |
| BPH 200B (Spring)  Current Techniques in BPH |  |
| ONE OF THE FOLLOWING:  STA 100 (Fall/Winter/Spring)  STA 130A (Fall/Winter)  STA 131A (Fall/Winter/Spring)  STA 200A (Fall)  STA 200B (Winter)  STA 206 (Fall)  STA 207 (Winter)  PLS 205 (Winter)  EBS 265 (Spring)  BIM 283 (Winter)  CLH 244 (Fall) |  |
| BPH 200LA (Fall/Winter)  **Lab Rotations** (2 quarters, **12 units**) |  |
| BPH 290 (Fall/Winter/Spring)  **BPH seminar** (6 quarters, **6 units**) |  |
| BPH 290 (Fall)  **Navigating Graduate School** (**1 unit**) |  |
| BPH 293 (Fall)  **Meet the Faculty** (1 quarters, **1 unit**) |  |
| **Science Integrity:** GGG 296 **(2 units)** or UC Davis Office of Research Responsible Conduct of Research certificate series |  |
| **Electives (9 units)** | Could be decided later |
| Elective 1 |  |
| Elective 2 |  |
| Elective 3 |  |

2c. Advice on TA requirement and any other comments:

3. List any publications and/or honors: