## MD-PhD Curriculum Map for Matriculating Class 2015 and beyond

### YEAR I
- **July**
  - MD-PhD Summer Zero Course and Lab Rotation
- **August**
  - Lab Rotation
  - Biostatistics and Matlab for Medicine
- **September**
  - Anatomy
  - Pathology
  - Biochemistry and Molecular Genetics
- **October**
  - Immunology
- **November**
  - Hematology
  - Endocrinology
- **December**
  - Cardiovascular Pathophysiology
  - Diagnostic Methods of Medicine
- **January**
  - Respiratory Pathophysiology
  - Renal Pathophysiology
  - Intro to Care of Patients
- **February**
  - Lab Rotation
- **March**
  - Intro to Global Medicine
- **April**
  - Lab Rotation
- **May**
  - Intro to Global Medicine
- **June**
  - Lab Rotation

### YEAR II
- **July**
  - Lab Rotation
  - Microbiol
  - Human Repro Biology
  - Gastroenterology
  - Neuroscience
- **August**
  - Pharmacology
  - Psychopathology
  - ICM
- **September**
  - PCE begins; rotation sequence determined by student schedule
- **October**
  - Apply to Graduate School
- **November**
  - Lab Rotation
- **December**
  - Continue to Graduate School Coursework and Thesis Research

### YEAR III
- **July**
  - USMLE Step 1
- **August**
  - Research Opportunities
- **September**
  - Thesis Research / Submit Paper(s) / Complete Thesis Requirements
- **October**
  - Re-entry
- **November**
  - PCE continues
- **December**
  - PCE continues

### YEAR IV
- **January**
  - Thesis Research
- **February**
  - Thesis Research
- **March**
  - Thesis Research
- **April**
  - Thesis Research
- **May**
  - Thesis Research
- **June**
  - Thesis Research

### YEAR V
- **July**
  - Thesis Research
- **August**
  - Thesis Research
- **September**
  - Thesis Research
- **October**
  - Thesis Research
- **November**
  - Thesis Research
- **December**
  - Thesis Research

### YEAR VI
- **July**
  - Thesis Research / Submit Paper(s) / Complete Thesis Requirements
- **August**
  - Re-entry
- **September**
  - PCE continues
- **October**
  - PCE continues
- **November**
  - PCE continues
- **December**
  - PCE continues

### YEAR VII
- **January**
  - Required Sub-Internships
  - Required Clinical Electives
  - Unspecified Electives
- **February**
  - Research Opportunities
- **March**
  - Research Opportunities
- **April**
  - Research Opportunities
- **May**
  - Research Opportunities
- **June**
  - Research Opportunities

### YEAR VIII
- **July**
  - Required Sub-Internships
  - Required Clinical Electives
  - Unspecified Electives
  - Residency Applications due
- **August**
  - Required Sub-Internships
  - Required Clinical Electives
  - Unspecified Electives
  - USMLE II **
- **September**
  - Research Opportunities
- **October**
  - Research Opportunities
- **November**
  - Research Opportunities
- **December**
  - Research Opportunities
- **January**
  - Research Opportunities
- **February**
  - Research Opportunities
- **March**
  - Research Opportunities
- **April**
  - Research Opportunities
- **May**
  - Research Opportunities
- **June**
  - Research Opportunities

### Additional Notes:
1. The MD-PhD Program offers a Longitudinal Course in Clinical Medicine (LCCM, a clinical "bootcamp") that prepares students for their return to the wards.
2. While research opportunities are available throughout the last year and half of medical school, these cannot overlap with clinical coursework, which require 100% effort.
3. Required Sub-Internships
4. Required Clinical Electives
5. Unspecified Electives
6. Residency Applications due
7. USMLE II **
8. Research Opportunities
9. Graduation