### MD-PhD Pathways Curriculum Map

**HARVARD MEDICAL SCHOOL**

#### Year I

- **Summer Course/Research Rotation**
  - IT P: Introduction to the Profession (ITP)
  - Practice of Medicine (POM)
  - Foundations: Biochemistry, Cell Biology, Genetics, Developmental Biology, and Introductions to Anatomy, Histology, Pharmacology, Pathology, Immunology, Microbiology
  - IDD: Immunity in Defense and Disease (IDD)
    - Dermatology, Rheumatology, Allergy/Immunology

- **Transition to the PCE**
  - MBB Neuroscience, Psychopathology
  - Transition to the PCE: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Principal Clinical Experience (PCE)**
  - PCE: Core Clerkships
    - Medicine, Neurology, OB/GYN, Pediatrics, Primary Care, Psychiatry, Radiology, Surgery
  - POM: Practice of Medicine

- **Homeostasis**
  - Homeostasis I: Cardiovascular, Respiratory, Hematology
  - Homeostasis II: Gastroenterology, Renal, Endocrinology and Reproductive Endocrinology

#### Year II

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course, offered 3x’s

- **Thesis Research**
  - Thesis Research: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Essentials II**
  - Essentials II: one-month required course

- **Homeostasis II**
  - Homeostasis II: Gastroenterology, Renal, Endocrinology and Reproductive Endocrinology

#### Year III

- **USMLE Study/Step I**
  - USMLE Study/Step I: Continue Clinical Education Opportunities

- **Graduate School Coursework/Research Rotations/Thesis Research**
  - Thesis Research: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **POM**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

#### Year IV

- **Thesis Research**
  - Thesis Research: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

#### Year V

- **Thesis Research**
  - Thesis Research: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

#### Year VI

- **Thesis Research/Submit Paper(s)/Complete Thesis Requirements**
  - Thesis Research/Submit Paper(s)/Complete Thesis Requirements: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

#### Year VII

- **Submit Paper(s)/Complete Thesis Requirements**
  - Submit Paper(s)/Complete Thesis Requirements: Clinical Skills, Clinical Anatomy, Imaging, Clinical Epidemiology and Medical Ethics, Culture of the Wards, Addiction, Human Development

- **Practice of Medicine (POM)**
  - POM: Essentials
    - Essentials: Cardiovascular, Respiratory, Hematology
    - Essentials II: one-month required course

- **Advanced Integrated Science Courses (AISCs)**
  - AISCs: Advanced Integrated Science Courses

#### Year VIII

- **Clinical Capstone**
  - Clinical Capstone: one required month

- **Essentials II**
  - Essentials II: one-month required course

- **USMLE Steps 2CS & 2CK**
  - USMLE Steps 2CS & 2CK: Study July and take Pre-PhD in August

- **USMLE Re-entry**
  - USMLE Re-entry: Three possible points to re-enter PCE

- **Recess**
  - Recess: Take CS by 11/1 and CK by 12/31 Year VIII

- **Comprehensive Exam**
  - Comprehensive Exam: MD Re-entry

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**AISCs** are optional for MD-PhD students.

*While research opportunities are available in the last year and half of medical school, these cannot overlap with clinical coursework which require 100% effort.*

[Last updated 4/10/2018]