### Premedical Post-baccalaureate Master's Curriculum

#### 2017-2018

**Master's Project Track Requirements (1 Year Plan)**

- **Minimum 30 Total Hours, including 6 Project (BMSC 795) Hours**
- **Coursework in Ethics and Professionalism**

<table>
<thead>
<tr>
<th><strong>Summer (6-7 hours)</strong></th>
<th><strong>Fall (10-11 hours)</strong></th>
<th><strong>Spring (14 hours)</strong></th>
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<tbody>
<tr>
<td><strong>Recommended Courses:</strong></td>
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<tr>
<td>BICM 704 (3) Preparatory Biochemistry</td>
<td>IPP 701 (3) Principles of Physiology &amp; Pharmacology</td>
<td>IPP 702 (4) Systems Physiology &amp; Pharmacology</td>
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<tr>
<td>IPP 716 (1) Advanced Topics in Translational &amp; Educational Research</td>
<td>NEUR 701-1 (2) Intro to Neurosci (Neuroanatomy)</td>
<td>NEUR 710 (4) Human Gross Anatomy</td>
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<td>CPTS 761 (1) Topics in Detecting and Understanding Health Disparities</td>
<td>BMSC 701 (1) Med Career Path</td>
<td>BMSC 702 (1) Med Career Path</td>
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<td>CPTS 762 (1) Topics in Promoting Health Equity</td>
<td>GRAD 705 (1) Problem Based Learning</td>
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<tr>
<td>MCAT Prep (Optional, no course credit)</td>
<td>Volunteering Experience (15 hours, no credit)</td>
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- **Optional Course:**
  - BMSC 795 (1) Biomedical Science Project

- **Elective Options:**
  - BICM 701 (1) Scientific Communications
  - BIE 705 (3) Clinical Ethics
  - CPTS 703 (1) Ethics & Responsibility in Clinical & Population Translational Science I
  - GRAD 701 (1) Seminars in Professional & Career Development
  - IPP 738 (2) Cardiovascular Physiology & Pharmacology
  - MCB 721 (2) Carcinogenesis, DNA Damage & Repair
  - MCB 734 (2) Fundamentals of Immunology
  - NEUR 701-2 (2) Intro to Neurosci (Cell & Molecular)
  - NEUR 701-3 (1) Intro to Neurosci (Developmental)
  - NEUR 771 (3) Clinical Neuroscience

- **Elective Options:**
  - BICM 700 (1) Scientific Communications
  - BIE 704 (3) Public Policy, Medicine, and Justice
  - CPTS 704 (1) Ethics & Responsibility in Clinical & Population Translational Science II
  - CPTS 742 (3) Clinical Trial Methods
  - MCB 702-5 (1) Microbiology
  - MCB 722 (2) Molecular Pathogenesis of Cancer
  - MCB 723 (2) Topics in Cancer Biology
  - MCB 731 (2) Fundamentals of Virology
  - MCB 732 (2) Fundamentals of Bacteriology
  - MCB 742 (2) Molecular Genetics and Genomics of Human Disease
  - MCB 752 (2) Foundations of Translational Science
  - NEUR 702 (5) Introduction to Neuroscience II