# Expected course/research schedule for Ph.D. students.

<table>
<thead>
<tr>
<th>Semester/Activities</th>
<th>Coursework</th>
<th>Research</th>
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</table>
| **1\textsuperscript{st} semester** | - 56:121:620 Lab Practices (1)  
  - 56:121:621 Lab Rotation Practicum (3)  
  - 2 Essential courses (3+3)  
  56:____:_____:______  
  56:____:_____:______  
  - 56:121:601 CCIB seminar (1) | - 56:121:710 Dissertation Research (6) |
| **2\textsuperscript{nd} semester** | - 2 Elective courses (3+3)  
  56:____:_____:______  
  56:____:_____:______  
  - CCIB seminar (1) | - Research credits (10) |
| **3\textsuperscript{rd} semester** | - 2 Elective courses* (3+3)  
  56:____:_____:______  
  56:____:_____:______  
  - CCIB seminar (1) | - Research credits (10) |
| **4\textsuperscript{th} semester** | - 1 Elective courses (3)  
  56:____:_____:______  
  - CCIB seminar (1) | - Qualifying Exam  
  - Research credits (13) |
| **5\textsuperscript{th} semester** | - CCIB seminar (1) | - Research credits as needed |
| **After 5\textsuperscript{th} semester** | - CCIB seminar (1) | - Research credits as needed |

* alternatively 1 Elective and 1 Essential.