GENERAL PLANNING NOTES:
Please read through all the MSTP/IBiS program milestones and registration requirements from year 1 through year 4+.

IBiS Program Requirements:

- You are expected to take:
  - 3 IBiS courses by the end of spring quarter of year 1: Fundamentals in Biological Sciences, IBIS 411 & 412, and Statistics for Life Sciences, IBIS 432
  - Ethics in Biological Research, IBIS 423, in year 1
  - Rigor & Reproducibility in Research, IBIS 421, in year 1
  - 2 years of Seminar Series, IBIS 462, in years 1 and 2 (Molecular Biosciences or Neurobiology seminars)
  - 2 quarters of Special Topics courses, IBIS 455, typically in years 2 and 3
- TA 1 quarter, usually in year 2
- Plan to take part 1 of the Qualifying Exam in fall of year 1
- Plan to take part 2 of the Qualifying Exam in fall of year 2

If you have any questions, please ask the IBiS office.
Typical Profile
YEAR 1

YEAR 1 – FALL QUARTER:

IBIS 411-0  Fundamentals in Biological Sciences: Biochemistry, Molecular Biology, and Genetics; 1 credit – minimum grade: B
IBIS 423-0  Ethics in Biological Research; 0 credits – Sat/Unsat
IBIS 462-0  Seminar in Biological Sciences (Molecular Biosciences or Neurobiology seminar series); 0 credits – Sat/Unsat
TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits – no grade

Take part 1 of the Qualifying Exam by the end of Fall Quarter

YEAR 1 – WINTER QUARTER:

IBIS 412-0  Fundamentals in Biological Sciences: Genomics, Cell Biology, and Developmental Biology; 1 credit – minimum grade: B
IBIS 462-0  Seminar in Biological Sciences (Molecular Biosciences or Neurobiology seminar series); 0 credits – Sat/Unsat
TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits – no grade

YEAR 1 – SPRING QUARTER:

IBIS 432-0  Statistics for Life Sciences; 1 credit – minimum grade: B
IBIS 462-0  Seminar in Biological Sciences (Molecular Biosciences or Neurobiology seminar series); 0 credits – Sat/Unsat
TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits – no grade

YEAR 1 – SUMMER QUARTER:
YOU MUST REGISTER EVERY SUMMER IN ORDER TO RECEIVE YOUR STIPEND

IBIS 421-0  Rigor & Reproducibility in Research; 0 credits – Sat/Unsat
TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits – no grade
Typical Profile

YEAR 2

**REMINDERS:**
- Take 2 quarters of Special Topics, IBIS 455, usually in years 2 and 3. Special Topics classes are to be taken for **1 credit** and a grade.

**YEAR 2 – FALL QUARTER:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGS 500-0</td>
<td>Advanced Doctoral Study, confers full-time status; <strong>0 credits</strong> – no grade</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IBIS 462-0</td>
<td>Seminar in Biological Sciences (Molecular Biosciences or Neurobiology seminar series); <strong>0 credits</strong> – Sat/Unsat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional: **IBIS 455-0** Special Topics; **1 credit** (ABC/NC) – minimum grade: B

*Take part 2 of Qualifying Exam by the end of Fall Quarter*

**YEAR 2 – WINTER QUARTER:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGS 500-0</td>
<td>Advanced Doctoral Study, confers full-time status; <strong>0 credits</strong> – no grade</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IBIS 462-0</td>
<td>Seminar in Biological Sciences (Molecular Biosciences or Neurobiology seminar series) <strong>0 credits</strong> – Sat/Unsat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional: **IBIS 455-0** Special Topics; **1 credit** (ABC/NC) – minimum grade: B

**YEAR 2 – SPRING QUARTER:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGS 500-0</td>
<td>Advanced Doctoral Study, confers full-time status; <strong>0 credits</strong> – no grade</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IBIS 462-0</td>
<td>Seminar in Biological Sciences (Molecular Biosciences or Neurobiology Seminar Series); <strong>0 credits</strong> – Sat/Unsat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional: **IBIS 455-0** Special Topics; **1 credit** (ABC/NC) – minimum grade: B

**YEAR 2 – SUMMER QUARTER:**

**YOU MUST REGISTER EVERY SUMMER IN ORDER TO RECEIVE YOUR STIPEND**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGS 500-0</td>
<td>Advanced Doctoral Study, confers full-time status; <strong>0 credits</strong> – no grade</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Typical Profile

YEAR 3

REMINDER:
- Take 2 quarters of Special Topics, IBiS 455, usually by spring of year 3. Special Topics classes are to be taken for 1 credit and a grade.

YEAR 3 – EVERY QUARTER:

TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits until completion of your Ph.D.

Optional: IBIS 455-0 Special Topics; 1 credit (ABC/NC) – minimum grade: B

Submit the annual review form and updated Individual Development Plan to the IBiS office by the end of Winter Quarter.

Typical Profile

YEAR 4+

REMINDER:
- Take an additional Special Topics course if needed to fulfill the requirement. Special Topics classes are to be taken for 1 credit and a grade.

YEAR 4+ – EVERY QUARTER:

YOU MUST REGISTER EVERY QUARTER IN ORDER TO RECEIVE YOUR STIPEND

TGS 500-0  Advanced Doctoral Study, confers full-time status; 0 credits until completion of your Ph.D.

Submit the annual review form and updated Individual Development Plan to the IBiS office by the end of Spring Quarter.