

Checklist and Timeline for Honors in Biochemistry Name: _____

Preferred BEFORE the end of Junior year. Final consideration on add/drop date in Fall of Senior year.

- Calculate major GPA (add transcript as attachment): _____
- Calculate overall GPA (add transcript as attachment): _____
- Write 1-page proposal (add as attachment, see back for guidelines):
- Select committee, have them read the proposal. Collect their signatures after they approve your proposal

_____ (advisor)

- Give these documents to the chair of the Biochemistry Steering Committee, Register for BIOC 49700.

_____ (chair of Biochemistry Steering Committee)

Senior year, FALL semester:

- No later than week 3: submit 2-4 page proposal (see back for guidelines) _____ (advisor initials)
- No later than week 5: 1st committee meeting _____ (advisor initials)
- Before registration for Spring: 1-2 page summary of progress (see back for guidelines)
- After approval by all members of committee, register for BIOC 49800.

_____ (advisor)

Senior year, SPRING semester:

- No later than week 2: 2nd committee meeting

_____ (advisor)

- Oral presentation: penultimate week of classes
- Paper due: last week of classes (see back for guidelines)
- Final committee meeting: finals week. Committee votes on granting honors.

_____ (advisor)

GPA: For major GPA, include all courses that are REQUIRED for the major

1-page proposal in Junior Year or by add/drop period in Fall of Senior Year:

- One paragraph of background and significance
- Briefly summarize your experimental plans as Specific Aims.

2-4 page proposal at start of Fall in Senior Year:

- Specific Aims page as above, updated as appropriate
- Background in more detail
- Preliminary results (if appropriate)
- For each Aim, summarize rationale, experimental procedure, and expected results & interpretations

1-2 page progress report at end of Fall in Senior Year:

- Specific Aims page as above, updated as appropriate
- For each Aim, summarize progress

Full report due at the end of Spring in Senior Year:

Your thesis must include the following sections. Specific length of sections can vary. All sections must provide enough depth and background for an audience in the general field of biochemistry. Experimental methods must include sufficient detail for the experiments to be reproduced by a researcher trained in your sub-field.

- **Abstract**
- **Background**
- **Summary of your experimental goals**
- **Experimental methods**
- **Results and discussion**
- **Conclusions**
- **Future directions**