

Date of Matriculation \_\_\_\_\_

Name \_\_\_\_\_

I.D.# \_\_\_\_\_

CHECKLIST FOR THE PHILOSOPHY DEGREE

Molecular Biology, Microbiology, and Biochemistry Program, Southern Illinois University

**IT IS THE RESPONSIBILITY OF THE STUDENT TO MAINTAIN THIS FORM** and meet the requirements on time. To qualify for an 0.5 FTE assistantship, a minimum of 6 credits must be taken each 16-week semester, and a minimum of 3 credits hours during the 8-week semester. Most students register for 6 hours during the Summer semester and 12 hours during the Fall and Spring semesters.

<u>Date</u>	<u>Advisor's Initials</u>	
_____	_____	1. Select advisor prior to beginning the second semester of graduate study. The advisor must be approved by the appropriate Department Chair. If a change of advisors is later required, the student should request a new advisor through the Graduate Advisor with approval of the Department Chair.
_____	_____	2. In consultation with the principal advisor, select four other graduate faculty members (one outside the department) to form an advisory committee during the third semester of graduate study. You need to complete a form which may be found on Saluki Net to submit to Carbondale for Committee Approval.
_____	_____	3. Meet with the advisory committee early in the first semester of graduate study in Springfield to plan a tentative course program and research program.
_____	_____	4. Complete the <b>CORE</b> courses required by the M.S. degree.
_____	_____	a. <b>9 credits</b> from the following courses:
_____	_____	<b>MBMB 451a, b</b> (Biochemistry) & <b>MBMB 460</b> (Genetics of Bacteria & Viruses Lecture)
_____	_____	b. <b>3 credits MBMB 502</b> (Intro to Research) <b>OR MBMB 504</b> (Research Methods)
_____	_____	c. <b>MBMB 597-1</b> (Seminar-graded S/U) <b><u>must attend each semester, no Seminar in Summer</u></b>
_____	_____	d. <b>8-9 credits</b> as follows: 2-6 hrs. of <b>MBMB 515</b> (Master's Deg. Research) and/or <b>MBMB 598</b> (Research), and 3-6 hrs. of <b>MBMB 599</b> (Thesis) [last semester].
<u>Date</u>	Advisor's	

Initials

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 5. Complete three <b>Specialization</b> courses, <b>5-6 credits and no more than one at the 400 level</b> , from the following list. ( <b>403</b> -Med Micro Lecture; <b>421</b> -Biotechnology; <b>425</b> -Biochem & Phys of Microorganisms Lecture; <b>441</b> -Virology; <b>444</b> -Risk Assessment for Genetics & Medicine; <b>453</b> -Immuno Lecture; <b>455</b> -Med Immuno; <b>456</b> -Biophysical Chem; <b>470</b> -Prokaryotic Diversity; <b>471</b> -Systems Biology <b>520</b> -Adv Microbial Physi & Control Mechanisms; <b>530</b> -Advanced Cell Biology; <b>531</b> -Molecular & Cell Biology; <b>532</b> -Methods of Structural Bio; <b>533</b> -Adv Biochemistry; <b>543</b> -Host-Microbial Interactions; <b>551</b> -Adv Immuno; <b>552</b> -Cellular Immuno; <b>553</b> -Adv Med Micro & Immuno; <b>560</b> -Molecular Oncology; <b>562</b> -Molecular Genetics). |
|       |       | <b>NOTE: The Graduate School has specific minimum semester hours requirements for a Master's degree.</b>  |
| _____ | _____ | 6. At least <b>15 hours in courses numbered 500 or above completed at SIU.</b>  |
| _____ | _____ | 7. At least <b>9 hours</b> after admission to the degree program.   |
| _____ | _____ | 8. Courses to be applied to the degree must be taken within 6 years of Conferring the degree.   |
| _____ | _____ | 9. Minimum GPA of 3.00. GPA=_____.  |
| _____ | _____ | 10. Apply for graduation, first week of the semester in which you plan to graduate.   |
| _____ | _____ | 11. Write the thesis with the editorial assistance of the advisor, according to Graduate School requirements. Consult with the Graduate Program Office and the booklet <u>Guidelines for the Preparation of Research Reports, Thesis and Dissertations</u> available from the website: <a href="http://www.siu.edu/gradschl/dtrguide.htm">http://www.siu.edu/gradschl/dtrguide.htm</a> prior to final typing.   |
| _____ | _____ | 12. Present the draft of the thesis to the advisory committee and department chair not less than six weeks prior to commencement. This time will be not less than two weeks prior to the oral examination.  |
| _____ | _____ | 13. Schedule the oral examination in cooperation with the advisor.  |
| _____ | _____ | 14. Present the oral seminar and submit to the oral comprehensive examination by the advisory committee. Secure the required signatures on form.  |
| _____ | _____ | 15. Present a draft of the thesis to the Graduate School for a format check.  |
| _____ | _____ | 16. Approximately four (4) weeks prior to graduation, submit two copies of the approved thesis to the Graduate School (Carbondale), one copy to the Department of Medical Microbiology, Immunology & Cell Biology (Christa Hanselman) and one to the advisor.   |

(This list is an aid to the student. **OFFICIAL REQUIREMENTS ARE THOSE PUBLISHED IN THE GRADUATE CATALOG AT THE TIME OF MATRICULATION.**)