Blank Development Plan

Microbial Biology: M.S. Student IDP

Introduction

Instructions

Please fill this form out.

IDP Information

- **Student Name:**
- **Semester and Year of Enrollment:**
- **Program:** Microbial Biology
- **IDP:** M.S. Student IDP
- **Program Director:** Gerben Zylstra
- **Faculty Advisor:**

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1. Student Module

General Information

- Track / Major / Minor (if applicable):
- Full or part-time student:
- Current stage:
- Anticipated degree date:
- Number of months they were not registered or on approved leave of absence:

List the sources of financial support (stipends, salaries, or self funded) for your graduate study so far and the expected funding for upcoming years until the likely completion of your degree. Include dates and amounts of funding, and any plans to apply for or secure funding for upcoming years.

Credits

- Course credits completed:
- Research credits completed:

2. Goals and Aspirations

What are your goals? Provide a broad and general description of long and short-range goals within the graduate program, as well as long range career goals. Give approximate timelines. Mention any knowledge, skills or activities needed to achieve the goals (where knowledge, skills or activities might include learning a new language; visiting a remote research site, getting more teaching experience, learning a statistical method).

3. Coursework, Internships, Fieldwork

	Course Requirement	Year and Semester (20xx Fall/Spring)
Requirement 1	16:682:501 Microbial Life	
Requirement 2	16:682:502 Microbial Biochemistry	
Requirement 3	16:682:503 Microbial Physiology	
Requirement 4	16:682:504 Microbial Genetics	
Requirement 5	16:682:530 Scientific Conduct& Ethics	
Requirement 6	16:682:521 Seminar in MB (Fall)	
Requirement 7	16:682:522 Seminar in MB (Spring)	
Requirement 8	Elective Course 1 (3 cr)	
Requirement 9	Elective Course 2 (3 cr)	
Requirement 10	Elective Course 3 (3 cr)	

4. Major Milestones

Master's Project

Optional Laboratory Research for Nonthesis M.S.

Writing the Nonthesis Paper

5. Achievements

In the box below list achievements including publications, presentations, awards, grants, exhibitions or related achievements. Alternatively, use the checkbox to indicate you plan to upload a current Curriculum Vitae in the Upload Supporting Documents Section.

Or you may opt to upload a CV.

6. Research and Scholarship

Use this section to talk about the content of your research or scholarly activities that have been completed, are underway or planned for the near future. Discuss accomplishments or findings, significance in your field, plans for the future, possible roadblocks, and resource needs. Include discussion of any planned internships, travel to remote sites or collaborations, if relevant to research. Nonthesis M.S. students can skip this question.

7. Knowledge and Skills

Use this section to talk about your plans for acquiring skills or knowledge relevant to research or scholarly goals. This might include, for example, learning a language, a research methodology, or a new statistical method.

8. Teaching

Describe below teaching experience thus far and any training in teaching methods. If none, simply say not applicable.

9. Transferable Skills

Transferable skills and experiences are relevant to graduate students in all fields and disciplines. They refer to abilities that are relevant to different types of careers. Transferable skills include skills in communication, teamwork, leadership, problem-solving, planning and managing a project, supervising or mentoring others, managing a budget, communicating to a general audience, managing social media, helping organize students within your program, contributing to group activities such as organizing talks or colloquia, or contributing to the work of a professional society. Identify the transferable skills you have acquired so far. Students can acquire transferable skills through research, teaching, courses, workshops, volunteer or community activities, to name a few sources. Identifying transferable skills is valuable to prepare for post-graduate careers of all kinds.

10. Outreach or Service

Summarize any outreach or service activities, including volunteer activities, public policy activities or advocacy, whether connected to Rutgers or the broader community. If none, just say not applicable.

11. Diversity and Inclusion

Comment on the activities you have participated that are in any way related to addressing the experience and education of a diverse body of graduate students. These could include projects initiated by you or projects you engaged in that were offered by your program or other units at Rutgers. Projects could include relevant networking opportunities, training designed to better prepare you for working in diverse environments, projects designed to address equity and inclusion and the graduate student experience, projects centered around developing a curriculum that acknowledges and honors the contributions of a diverse body of scholars and researchers. If none, simply say not applicable.

12. Ethical Practices, Responsible Scholarship and Responsible Research

Use the text box to describe the training you have received on Responsible Scholarship and Responsible and Ethical Research. Training may have occurred in courses, workshops or online tools. Responsible scholarship and research includes issues such as avoiding plagiarism, responsible citations, responsible assignment of authorship, responsibilities of mentors and mentees, intellectual property and collaborations. Include the 16:682:530 Scientific Conduct & Ethics course and any other training that you received.

Uploaded Supporting Documents

Make a list of your supporting documents here and add a reminder to upload a CV if you choose to that instead.

Overview and Conclusions

Use the space below to summarize and comment on your overall status in your program including such issues as immediate goals and steps moving forward, ideas about long-range plans, topics you'd like to share with your advisors, or any other thoughts regarding your progress or career goals that you would like to preserve in this document.

Required Addendum for Students in Year 7 or Later

This section is only required if you are 7 or more years into your program.

General Information

- Date of admission to candidacy:
- Committee members:
- Title of Dissertation:

Abstract of Dissertation

Timetable for completion of dissertation

Current source of financial support (stipend; outside employment)

Current source of support for any research expenses