

From: [Smith, Randy](#)
To: ken.oestrich@osumc.edu
Cc: [Leite, Fabio](#); [Reed, Katie](#); [Smith, Randy](#); [Miriti, Maria](#); [Kowalsky, Lisa](#); [Duffy, Lisa](#); [Hunt, Ryan](#); [Oltz, Eugene](#); [Clinchot, Dan \(OSUMC\)](#); [Bradford, Carol \(OSUMC\)](#)
Subject: Proposal to revise the Immunology and Immunotherapeutics PhD program
Date: Tuesday, July 16, 2024 2:52:47 PM
Attachments: [image001.png](#)

Ken:

The proposal from the Department of Microbial Infection and Immunity to revise the Immunology and Immunotherapeutics PhD program was approved by the Council on Academic Affairs at its meeting on July 15, 2024. Thank you for attending the meeting to respond to questions/comments.

No additional level of internal review/approval is necessary. This action will be included in the Council's next Annual Activities Report to the University Senate (July 2024).

The Office of the University Registrar will work with you on any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Fábio Leite (.11), or me.

Randy



W. Randy Smith, Ph.D.

Vice Provost for Academic Programs

Office of Academic Affairs

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TO: Randy Smith, Vice Provost for Academic Programs

FROM: Graduate School Curriculum Services

DATE: **3/28/2024**

RE: Proposal to **Revise the I2GP Program** in **College of Medicine**

The **Department of Microbial Infection and Immunity** in the **College of Medicine** is proposing a **Revision to the I2GP program**.

The proposal was received by the Graduate School on **2/29/2024**. The combined GS/CAA subcommittee first reviewed the proposal on **3/27/2024** and recommended it for review at CAA.

**Proposal to modify the curriculum for the PhD Program in Immunology and
Immunotherapeutics (I2GP)**



THE OHIO STATE UNIVERSITY

COLLEGE OF MEDICINE

**Request for a curricular change to the Immunology and Immunotherapeutics PhD
Graduate Program (I2GP)**

Department of Microbial Infection and Immunity

The Ohio State University College of Medicine

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)



THE OHIO STATE UNIVERSITY
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Dr. W. Randy Smith
Vice Provost for Academic Programs
Council on Academic Affairs
Office of Academic Affairs
203 Bricker Hall
190 North Oval Mall
Columbus, OH 43210

March 25th, 2024

Re. Proposal for Curriculum Change to the Immunology and Immunotherapeutics Graduate Program

Dear Dr. Smith,

This proposal seeks a change to the Ph.D. Program in Immunology and Immunotherapeutics required curriculum. Briefly, these changes represent the removal of one course requirement, the addition of two new course offerings, and an autumn to spring swap of two currently required courses. This constitutes no net change in required course credit hours for the program and constitutes a 13.75% overall change from the currently approved curriculum (11 credits, or a 13.75% change based on an 80-credit program minimum). Specially, these changes are to:

- **Drop** the requirement for year 1 (Y1) students to complete the autumn, six-credit course, BSGP 7000 Concepts in Biomedical Science.
- **Add** a requirement for Y1 students to complete the autumn two-credit course MEDMCIM 7100 - Foundational Discoveries: Pillars in Immunology and Microbial Pathogenesis (new course, syllabus attached).
- **Add** a requirement for Y1 students to complete the autumn and spring 1-credit course MEDMCIM 7550 - Departmental Journal Club - Recent Discoveries in Immunology and Microbial Pathogenesis (new course, syllabus attached).
- **Revise** the curriculum to reflect a Spring to Autumn change for MEDMCIM 7010 - Cellular and Molecular Immunology
- **Revise** the curriculum to reflect that BSGP 7900 – Cancer Immunology: Critical Journal Readings is now considered an elective course, rather than required.

Thank you for your attention to these revisions to the Immunology and Immunotherapeutics Ph.D. Graduate Program (I2GP) curriculum.

Sincerely,

Kenneth J. Oestreich, Ph.D.

Director, **Immunology and Immunotherapeutics PhD Graduate Program (I2GP)**
Associate Professor, **Department of Microbial Infection and Immunity**
The Ohio State University College of Medicine (OSUCOM)

**Proposal to modify the curriculum for the PhD Program in Immunology and
Immunotherapeutics (I2GP)**

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

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Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Introductory Paragraph

This proposal seeks to modify the first-year curriculum for the Immunology and Immunotherapeutics PhD Graduate Program (I2GP). Briefly, these changes represent the removal of one course requirement, with the addition of two new, more relevant course offerings. The proposed curriculum also includes a term change of two currently required courses which will benefit the program's trainees.

Rationale and description of events, history, and/or relevant actions that motivated the proposal and the steps taken in its development:

A primary goal of I2GP is to provide an immunology-centric curriculum to accompany dissertation research performed in the lab. In an effort to do just that, we now propose to remove the requirement for I2GP students to complete the BSGP 7000 Concepts in Biomedical Science course. This course is composed of three blocks including molecular biology, cellular biology, and host/pathogen interactions. While this course is very appropriate for students with broad interests, we feel it is imperative that I2GP students gain a strong foundation in immunology from the beginning of their graduate tenure. Therefore, we propose I2GP students should instead enroll in the MEDMCIM 7010 Cellular and Molecular Immunology course in the Fall semester of their first year. This was not possible initially, as this course was offered in the Spring semester only. However, we have worked with the course directors (Drs. Purnima Dubey and Hazem Ghoneim) to move MEDMCIM 7010 to the Fall semester beginning in 2024. We have also developed a new course, MEDMCIM 7100 Foundational Discoveries: Pillars in Immunology and Microbial Pathogenesis, which will serve as accompanying course to provide a historical perspective of immunology research for I2GP students. At the same time, I2GP students will continue to take the MEDMCIM 7500 and MEDMCIM 7550 seminar and journal club courses. We feel confident that these curricular changes will provide a strong foundation in immunology knowledge that will benefit I2GP students as they transition into their elective courses and dissertation research. In this regard, the elimination of the 6 credit BSGP 7000 course will also allow I2GP students to delve further into immunology-related elective courses that will bolster their knowledge base in fundamental and applied aspects of immunology.

Comparative data from other institutions with similar programs if available.

It is considered standard practice for immunology graduate programs to provide introductory level courses in immunology and applied immunology for their students.

Specific actions and any corollary issues (positive and negative) that will arise from implementation.

The MEDMCIM 7010 and MEDMCIM 8010 courses will be offered in both the Fall and Spring semesters, so we do not anticipate any issues for I2GP students already enrolled in the program or for graduate students in other programs (e.g. BSGP, MCDB).

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Overview of committees at the department, college, and university level that have reviewed and approved the proposal

The proposed changes have been reviewed and approved by the I2GP Graduate Studies Committee and the Department of Microbial Infection and Immunity (MI&I) Education and Curriculum Committee (I2GP is administratively housed in the Dept. of MI&I).

A description of the types of interactions with faculty, students, accrediting agencies, alumni, professional organizations, and other interested parties and their outcomes. Please include minutes from meetings, faculty vote results, survey results, letters of support, etc. which offer valuable insight into the nature of the consultative process.

The proposed curricular changes received unanimous approval by the MI&I Education and Curriculum Committee and the I2GP Graduate Studies Committee. I2GP faculty, relevant course directors (Drs. Purnima Dubey and Hazem Ghoneim), and faculty participating in the MEDMCIM 7010 have given their approval.

A summary of the adequacy and availability of resources including but not limited to fiscal impact statements, commitments of funding from any sources, and memoranda of understanding between collaborating units

N/A

Any additional supporting documents referred to in the proposal (meeting minutes, memos, and letters of concurrence) and any forms required for processing the proposal (course forms, concurrence forms, etc.).

New course syllabi can be found in Appendix A

Cover letters from each unit's academic dean or curriculum committee represented in the combined program (or a joint cover letter from the academic units), verifying that the proposal has been approved at the department and college levels.

Cover letters can be found in Appendix B

Statement of what percentage of the existing program is changing and a summary of how the percentage change was calculated. More information about calculating percent change is outlined in the initial part of these guidelines as well as the OAA handbook.

The percent change to the existing curriculum will change by the removal of BSGP 7000 (6 credits), the addition of MEDMCIM 7100, and the addition of MEDMCIM 7550. A previously required course, BSGP 7900 will now be available as an elective. This represents a percent change of 13.75% to the required credit hours (-7 required credits and +4 required credits; $\Delta 11/80=13.75\%$). See Table 1.

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Table 1 - Side-by Side Comparison of Current and the Proposed Revised Curricula (changes highlighted in yellow)

CURRENT I2GP CURRICULUM	CREDIT HOURS	PROPOSED I2GP CURRICULUM	CREDIT HOURS	CHANGE IN CREDIT HOURS
AUTUMN Y1				
BSGP 7000: Concepts in Biomedical Science	6	OMIT		-6 required credits
		ADD - MEDMCIM 7010: Molecular and Cellular Immunology	3	NC in required credits (note this is a SpY1 to AuY1 swap)
		ADD - MEDMCIM 7100: Foundational Discoveries: Pillars in Immunology and Microbial Pathogenesis	2	+2 required credits
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	NC
		ADD - MEDMCIM 7550: Departmental Journal Club - Recent Discoveries in Immunology and Microbial Pathogenesis	1	+1 required credit
MEDMCIM 7930: Research Rotations in the Immunology and Immunotherapeutics Graduate Program	5	MEDMCIM 7930: Research Rotations in the Immunology and Immunotherapeutics Graduate Program	5	NC
Semester Total	12		12	-6 required credits +3 required credits

SPRING Y1				
MEDMCIM 7010: Molecular and Cellular Immunology	3	OMIT		NC in required credits (note this is a SpY1 to AuY1 swap)
		Add - MEDMCIM	3	NC in required

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		8010: Selected Topics in Advanced Immunology		credits (note this is an AuY2 to SpY1 swap)
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	NC
BIOPHRM 7510: Professional and Ethical Issues in Biomedical Sciences	2	BIOPHRM 7510: Professional and Ethical Issues in Biomedical Sciences	2	NC
		ADD - MEDMCIM 7550: Departmental Journal Club - Recent Discoveries in Immunology and Microbial Pathogenesis	1	+1 required credit
MEDMCIM 7930: Research Rotations in the Immunology and Immunotherapeutics Graduate Program	6	MEDMCIM 7930: Research Rotations in the Immunology and Immunotherapeutics Graduate Program	5	-1 required credit
Semester Total	12		12	

Summer Y1				
BMI 5750 - Methods in Biomedical Informatics	3	BMI 5750 - Methods in Biomedical Informatics	3	NC
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	5	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	5	NC
Semester Total	8		8	NC

Autumn Y2				
		Add - MEDMCIM (TBD): Systems Immunology or Advanced Immunotherapeutics	3	NC
BSGP 7070 - Fundamentals of Grant Writing	4	BSGP 7070 - Fundamentals of Grant Writing	4	NC
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and	1	NC

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Immunology and Microbial Pathogenesis		Microbial Pathogenesis		
MEDMCIM 8010: Selected Topics in Advanced Immunology	3	OMIT		NC in required credits (note this is an AuY2 to SpY1 swap)
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4	NC
Semester Total	12		12	NC

Spring Y2				
MEDMCIM (TBD): Immuno-oncology	3	MEDMCIM (TBD): Immuno-oncology	3	NC
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	NC
BSGP 7900: Cancer Immunology : Critical Journal Readings	1	BSGP 7900: Cancer Immunology : Critical Journal Readings	1	NC
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	7	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	7	NC
Semester Total	12		12	

Summer Y2				
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4	NC
Electives	4	Electives	4	NC
Semester Total	8		8	NC

Autumn Post Y1 and Y2				
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	NC

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Pathogenesis				
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	6-11	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	6-11	NC
Semester Total	8		8	NC

Spring Post Y1 and Y2				
MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	MEDMCIM 7500: Departmental Seminar - Recent Discoveries in Immunology and Microbial Pathogenesis	1	NC
MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4-11	MEDMCIM 8998 – Graduate Research in Microbial Infection and Immunity	4-11	NC
Semester Total	7-12		7-12	NC

Summer Post Y1 and Y2				
MEDMCIM 8998/8999: Graduate Research in Microbial Infection and Immunity	4	MEDMCIM 8998/8999: Graduate Research in Microbial Infection and Immunity	4	NC
Electives	4	Electives	4	NC
Semester Total	8		8	NC

Total Program Credit Hours	80		80	+4 required credits -7 required credits
Absolute Change in Credits				11 credits
Percent Curricular Change				=13.75%

Narrative of the rationale and motivation for the revision, including anticipated benefits for participants.

A primary goal of I2GP is to provide an immunology-centric curriculum to accompany dissertation research. As such, we are removing the requirement for I2GP students to complete the BSGP 7000 course. In a concurrent move, we have moved the MEDMCIM 7010 course to the Fall semester so that I2GP students can begin with an introductory immunology course in their first semester. We have also developed a new course, MEDMCIM 7100, which will serve

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

to provide a historical perspective of the field of immunology for I2GP students. At the same time, I2GP students will continue to take the MEDMCIM 7500 Immunology Seminar and MEDMCIM 7550 Immunology Journal Club courses. We feel confident that these curricular changes will provide a strong foundation in immunology for I2GP students to build from as they transition into their elective courses and dissertation research.

Detailing of the current, revised, and proposed curriculums.

See Table 1 for a detailed description of the current and proposed curriculums.

A transition plan addressing how students enrolled in the current program will be accommodated as the revised program initiates.

The MEDMCIM 7010 and MEDMCIM 8010 courses will be offered in both the Fall and Spring semesters, so we do not anticipate any issues for I2GP students already enrolled in the program.

Statement of whether learning goals, program objectives, and/or the assessment plan will change.

The learning goals, objectives, and assessment plan (below) will not change.

Additional Attachments

Letters of Support can be found in Appendix A and syllabi for the two added courses can be found in Appendix B

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Appendix A - Letters of Support

College of Medicine



Daniel M. Clinchot, MD
Vice Dean for Education
Associate Vice President for Health Sciences Education

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March 26, 2024

Dr. W. Randy Smith
Vice Provost for Academic Programs
Council on Academic Affairs
Office of Academic Affairs
203 Bricker Hall
190 North Oval Mall
Columbus, OH 43210

RE: Doctoral Program in Immunology and Immuno-therapeutics

Dear Dr. Randy,

The College of Medicine has reviewed and fully endorses the proposed curriculum changes to the doctoral program in Immunology and Immuno-therapeutics.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dan Clinchot', written over a diagonal line that extends from the signature down to the typed name below.

Daniel M. Clinchot, MD
Vice Dean for Education
Associate Vice President for Health Sciences Education
Chair, Department of Biomedical Education & Anatomy
Harry C and Mary Elizabeth Powelson Professor of Medicine
College of Medicine

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Department of Microbial Infection and Immunity Curriculum Committee



THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

Mark E. Drew, Ph.D.
Assistant Professor
Director of Graduate Education and
MS Program in Immunology and Microbial
Pathogenesis
Department of Microbial Infection and
Immunity

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mark.drew@osumc.edu

February 16, 2024

W. Randy Smith, Ph.D.
Vice Provost, Academic Programs
Office of Academic Affairs
203 Bricker Hall
190 North Oval Mall

Dear Dr. Smith,

This is a letter to support our department's Immunology and Immunotherapeutics graduate program (I2GP) proposal for a curricular change. This proposed curriculum further refines the program's focus, allowing the students to begin their immunology studies their first semester. Our department's Education and Curriculum Committee, which I chair, is fully supportive of this change as is the I2GP Graduate Studies Committee. Dr. Daniel Clinchot, Vice Dean of Education for the College of Medicine, has reviewed the proposal and lends his strong support (letter included).

Sincerely,

Mark E. Drew, Ph.D.
Assistant Professor
Director of Graduate Education
Department of Microbial Infection and Immunity
The Ohio State University College of Medicine

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

I2GP Graduate Studies Committee



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March 25th, 2024

Dear OSU Council on Academic Affairs,

I am writing this letter as Director of the Immunology and Immunotherapeutics Graduate Program (I2GP) and on behalf of the nine members of our I2GP Graduate Studies Committee (GSC) to relay our full support for the proposed changes to the I2GP curriculum. The revisions detailed in our proposal are in full agreement with our mission to provide an immunology-centric curriculum to accompany the laboratory dissertation research requirements for this program. The I2GP GSC has carefully considered these revisions and is confident that they will result in a streamlined curriculum that provides a strong foundation in fundamental and applied aspects of immunology research.

We thank you in advance for your time and consideration and are more than happy to answer any questions or provide any additional information that may be needed during your review.

Best regards,

Kenneth J. Oestreich, Ph.D.

Director, **Immunology and Immunotherapeutics PhD Graduate Program (I2GP)**

Associate Professor, **Department of Microbial Infection and Immunity**

The Ohio State University College of Medicine

Email: Ken.Oestreich@osumc.edu

Phone: (614) 685-3549

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Appendix B – New Syllabi

MEDMCIM 7100

MEDMCIM 7100 – Foundational Discoveries: Pillars in Immunology and Microbial Pathogenesis

Autumn 2024 2 credit hours

Class meeting schedule: Thursday afternoons, 3-4:50 pm

Room: TBD

Course Directors: Ken Oestreich PhD, and Mark Drew PhD

Contact information:

Dr. Ken Oestreich

Email (preferred contact method): ken.oestreich@osumc.edu

Office number: (614) 685-3549

Dr. Mark Drew

Email (preferred contact method): mark.drew@osumc.edu

Office number: 614-366-9034

Office Hours: Please contact the course directors to schedule office hours

Course description and Class Structure: This 2-credit hour course meets weekly for faculty led journal article presentation and discussion on research articles that are foundational to our understanding of the fields of immunology and microbial pathogenesis. Weekly, a faculty lecturer will choose a foundational research article, which will be the basis for class discussion. Discussion of the paper by all students is expected, with the faculty member providing relevant background and knowledge. All students will be prepared to present all the figures and contribute to the discussion of the paper. Prior to class, all students will submit a half-page written summary of the paper including two questions for the group.

Prerequisites: None

Course goals:	Learning outcomes:
Students will expand their understanding of the fields of immunology and microbial pathogenesis	As a result of reading the weekly assigned papers students will submit a written, ~300 word summary of each paper including two specific questions.

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

Students will learn the methods used in the assigned research papers.	As a result of reading the weekly papers, during class discussions, students will be able to identify and describe all methods used.
Students will develop their ability to critically evaluate published literature.	As a result of reading the weekly papers, students will demonstrate their ability to critique the quality and impact of the findings by engaging in the in-class presentation of figures and discussions.

Mode of delivery

This course is taught in person via a weekly, 110-minute class. If you would like to request a virtual option from Wooster campus or Nationwide Children's Hospital, please let the course directors know as soon as possible and we will try to make this arrangement.

Credit hours and work expectations

This is a **2-credit-hour course**. According to Ohio State policy (go.osu.edu/credithours), students should expect around 6 hours per week of time spent on direct instruction and homework (reading and assignments, for example) to earn the average grade of "C" in this course.

Attendance and participation requirements

Your attendance and participation in the class activities are mandatory. Every student is expected to be able to present all the figures and contribute to the discussion of every paper. As part of your participation, a student should plan to present a minimum of one figure and contribute/comment multiple items as part of our substantive class discussions for each class session. If you are concerned about your grade, please contact the course directors as soon as possible to identify ways to improve your presentations and participation.

If you need to miss a class, please let both course directors know in advance by email. You will still be expected to prepare the summary of the paper(s) covered along with two questions and submit that prior to the class, unless there are verifiable circumstances requiring an extension. The paper summary should include the purpose of the study, a brief summary of the techniques used, and data generated, a discussion of whether the conclusions drawn are appropriate and possible next steps. If you miss more than 2 classes without verifiable circumstances, this will negatively affect your grade.

Weather or other short-term closing

Should in-person classes be canceled, we will meet virtually via CarmenZoom during our regularly scheduled time. We will share any updates via CarmenCanvas and email.

Grading Policy:

- A minimum of two presentations (25 points each) constitutes 50% of the grade.
- The remaining 50% of the grade is based on the written summaries and discussion questions of the manuscript (30 points total) and weekly participation in discussion (20 points total).

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

- At least one course director will be present each week and will grade the student presentations.
 - The University's standard grading scheme will be used for this course.
 - Grades will be available for students to view on the course's CARMEN website at the end of the semester.
-
- Course technology
 - For help with your password, university e-mail, Carmen, or any other technology issues, questions, or requests, contact the OSU IT Service Desk. Standard support hours are available at <https://ocio.osu.edu/help/hours>, and support for urgent issues is available 24/7.
 - Self-Service and Chat support: <http://ocio.osu.edu/selfservice>
 - Phone: 614-688-HELP (4357)
 - Email: 8help@osu.edu
 - TDD: 614-688-8743

Policy regarding late assignments.

Failure to present or submit a paper summary for a missed class without verifiable circumstances will impact your grade (e.g., a drop of one whole letter grade).

Academic Misconduct

The Committee on Academic Misconduct (COAM) recommends that every faculty member, instructor, and graduate teaching associate who is teaching a course prepare and distribute (or make available) to all students a course syllabus that contains a statement concerning "academic misconduct" or "academic integrity". The Ohio State University does not have a standardized statement on academic misconduct that instructors can use in their syllabi. Thus, COAM has prepared the following statement, which course instructors are free to use (with or without modification) for their syllabi:

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the University's Code of Student Conduct, and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the University's Code of Student Conduct and this syllabus may constitute Academic Misconduct.

The Ohio State University's Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: Any activity that tends to compromise the academic integrity of the University or subvert the educational process. Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University's Code of Student Conduct is never considered an excuse for academic misconduct, so I recommend that you

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

review the Code of Student Conduct and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the University's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Artificial Intelligence and Academic Integrity

There has been a significant increase in the popularity and availability of a variety of generative artificial intelligence (AI) tools, including ChatGPT, Sudowrite and others. These tools will help shape the future of work, research and technology but when used in the wrong way, they can stand in conflict with academic integrity at Ohio State.

All students have important obligations under the [Code of Student Conduct](#) to complete all academic and scholarly activities with fairness and honesty. Our professional students also have the responsibility to uphold the professional and ethical standards found in their respective academic honor codes. Specifically, students are not to use unauthorized assistance in the laboratory, on field work, in scholarship or on a course assignment unless such assistance has been authorized specifically by the course instructor. In addition, students are not to submit their work without acknowledging any word-for-word use and/or paraphrasing of writing, ideas or other work that is not your own. These requirements apply to all students undergraduate, graduate, and professional.

To maintain a culture of integrity and respect, these generative AI tools should not be used in the completion of course assignments unless an instructor for a given course specifically authorizes their use. Some instructors may approve of using generative AI tools in the academic setting for specific goals. However, these tools should be used only with the explicit and clear permission of each individual instructor, and then only in the ways allowed by the instructor.

[RESOURCES FROM THE DRAKE INSTITUTE FOR TEACHING AND LEARNING](#)
[RESOURCES FROM THE TEACHING AND LEARNING RESOURCE CENTER](#)
[COMMITTEE ON ACADEMIC MISCONDUCT \(COAM\)](#)

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Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

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Columbus Campus:

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing.

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The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

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 1. Any human resource professional (HRP);
 2. Anyone who supervises faculty, staff, students, or volunteers;
 3. Chair/director; and
 4. Faculty member.

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The Ohio State University affirms the importance and value of diversity of people and ideas. We believe in creating equitable research opportunities for all students and to providing programs and curricula that allow our students to understand critical societal challenges from diverse perspectives and aspire to use research to promote sustainable solutions for all. We are committed to maintaining an inclusive community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among all members; and encourages each individual to strive to reach their own potential. The Ohio State University does not discriminate on the basis of age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, gender, sexual orientation, pregnancy, protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment.

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To learn more about diversity, equity, and inclusion and for opportunities to get involved, please visit:

<https://odi.osu.edu/>

<https://odi.osu.edu/racial-justice-resources>

<https://odi.osu.edu/focus-on-racial-justice>

<https://cbsc.osu.edu>

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Date	Topic	Facilitator
Aug 22	Introduction to Class	Drew/Oestreich
Aug 29	TBD	TBD
Sep 5	TBD	TBD
Sep 12	TBD	TBD
Sep 19	TBD	TBD
Sep 26	TBD	TBD
Oct 3	TBD	TBD
Oct 10	No Class	(Aut. Break)
Oct 17	TBD	TBD
Oct 24	TBD	TBD
Oct 31	TBD	TBD
Nov 7	TBD	TBD
Nov 14	TBD	TBD
Nov 21	TBD	TBD
Nov 28	No Class	Thanksgiving

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

MEDMCIM 7550

MEDMCIM 7550

**Departmental Journal Club - Recent Discoveries in Immunology and Microbial Pathogenesis
Autumn 2024
Wednesdays, 12pm – 1pm**

Course Director:

Mark Drew, PhD, Assistant Professor
792 Biomedical Research Tower
Phone: 614-247-5337
Drew.47@osu.edu
Office Hours: By appointment

Course Description:

The Department of Microbial Infection and Immunity Seminar Series will host nationally and internationally recognized speakers throughout the semester. **This course will prepare students to comprehend these seminars through classroom journal club-format discussions.** Students are expected to attend all journal club sessions. Approximately eight of the journal clubs will serve as primers for upcoming departmental seminars, with the remainder being selected by students or in preparation for special seminars. Total journal clubs will be approximately 14 per semester.

Eligibility/Prerequisites:

Graduate students and advanced undergraduates are eligible. Auditing is welcome.

Course Goals and Outcomes:

Learning Goal	Measurable Outcomes
Students will become skilled in the methodology to select, access, and read research articles	<ol style="list-style-type: none">1. Knowledge of research article types (e.g., primary research, reviews, abstracts, proceedings)2. Proficiency in literature search and access strategies3. Knowledge of the components of a research article (e.g., sections, figures, legends)
Students will learn to comprehend and convey the impact of recent scientific discoveries in the fields of Immunology and Microbial Pathogenesis	<ol style="list-style-type: none">1. Verbally describe and interpret data contained in research articles

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

	<p>2. Participate in a group discussion on the strengths and weaknesses of a research article</p> <p>Putting into context the context of prior research gaps addressed, new technologies developed or used, and its potential for better health outcomes.</p>
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Mode of delivery

This course is taught in person via a weekly, one-hour class.

Credit hours and work expectations

This is a **1-credit-hour course**. According to Ohio State policy (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction and homework (reading and assignment preparation, for example) to earn a satisfactory grade in this course.

Attendance and participation requirements

Your attendance and participation in the class activities are mandatory. Every student is expected to be able to present all the figures and contribute to the discussion of every paper. As part of your participation, a student should plan to present a minimum of one paper and contribute/comment multiple items as part of our class discussions for each class session. If you are concerned about your grade, please contact the course director as soon as possible to identify ways to improve your presentations and participation.

If you need to miss a class, please let the course director know in advance by email. If you miss more than 2 classes without verifiable circumstances, this will negatively affect your grade.

Weather or other short-term closing

Should in-person classes be canceled, we will meet virtually via CarmenZoom during our regularly scheduled time. We will share any updates via CarmenCanvas and email.

Grading Policy Grading:

- Attendance, participation, and seminar summaries are required to earn a passing grade for this course.
- The University's standard grading scheme will be used for this course.
- Grades will be available for students to view on the course's CARMEN website at the end of the semester.

Course technology

For help with your password, university e-mail, Carmen, or any other technology issues, questions, or requests, contact the OSU IT Service Desk. Standard support hours are available at <https://ocio.osu.edu/help/hours>, and support for urgent issues is available 24/7.

- Self-Service and Chat support: <http://ocio.osu.edu/selfservice>

Proposal to modify the curriculum for the PhD Program in Immunology and Immunotherapeutics (I2GP)

- Phone: 614-688-HELP (4357)
- Email: 8help@osu.edu
- TDD: 614-688-8743

Policy regarding late assignments.

Failure to present or submit a paper summary for a missed class without verifiable circumstances will impact your grade.

Academic Misconduct

The Committee on Academic Misconduct (COAM) recommends that every faculty member, instructor, and graduate teaching associate who is teaching a course prepare and distribute (or make available) to all students a course syllabus that contains a statement concerning "academic misconduct" or "academic integrity". The Ohio State University does not have a standardized statement on academic misconduct that instructors can use in their syllabi. Thus, COAM has prepared the following statement, which course instructors are free to use (with or without modification) for their syllabi:

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the University's Code of Student Conduct, and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the University's Code of Student Conduct and this syllabus may constitute Academic Misconduct.

The Ohio State University's Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: Any activity that tends to compromise the academic integrity of the University or subvert the educational process. Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University's Code of Student Conduct is never considered an excuse for academic misconduct, so I recommend that you review the Code of Student Conduct and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the University's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

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<https://cbssc.osu.edu>

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	JC or Seminar	Speaker (Seminar Host)
Wed. 1/10	JC in prep for Scott	
Wed. 1/17	Seminar	Dr. Melanie Scott (Amer and Wen)
Mon. 1/22	Seminar	Dr. Jason Brenchley (Sharma)
Wed. 1/24	JC in prep for Gottschalk	
Mon. 2/5	Seminar	Dr. Rachel A. Gottschalk (Forero)
Wed. 2/7	Journal Club in prep for Sun	
Mon. 2/19	Seminar	Joseph C. Sun (Oltz)
Wed. 2/21	Journal Club in prep for Singh	
Mon. 3/4	Seminar	Pradeep Singh
Wed. 3/6	Journal Club in prep for Lamb or ?	
Wed. 3/20	Journal Club in prep for Lamb or ?	
Mon. 3/25	Seminar	Tracey J. Lamb (Novais)
Wed. 4/3	Journal Club in prep for Boussetut	
Mon. 4/8	Seminar	Rémy Bosselut (Oestreich)
Wed. 4/17	Journal Club in prep for Halade	
Mon. 4/22	Seminar	Dr. Ganesh Halade



**THE OHIO STATE
UNIVERSITY**

Curriculum Proposal Checklist

Title of Program:

Effective term:

College:

New/Establish:

Secondary Major Eligible:

Academic Unit:

Revise:

50% Revision:

Mark Up:

Program Contact:

Terminate:

Suspend:

Certificate Category*:

Degree/Credential:

Program of Study :

Title:

Code:

Program Focus*:

Credit hours to degree/credential:

Is this a change to the current total?

Yes No

Program offered only online?

Yes No

If yes, is there a signed MOU with ODEE?

Yes No

Campus(es) where offered:

Columbus

ATI

Lima

Mansfield

Marion

Newark

Rationale:

Student Curriculum Sheet Required:

Four Year (or appropriate) Plan:

Academic Unit Curriculum Committee approval date:

College Curriculum Committee approval date:

Graduate School Council approval date*:

Regional Campus approval date*:

Council on Academic Affairs approval date:

University Senate approval date*:

Board of Trustees approval date*:

ODHE approval date*:

* If applicable