



SUMMER 2021 COURSE SCHEDULE (TERM 2217) CLINICAL RESEARCH PROGRAM (CLRES)

The ICRE course schedule provides class listings and associated course information. The course information shared on this schedule is updated regularly to reflect any programmatic changes. Occasionally the University of Pittsburgh's official Course Catalogue will show different information than what is provided below. Please always rely on this schedule as the most accurate listing of our courses.

Please familiarize yourself with the terminology used in the course schedule:

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|--------------------------------|--|
| Traditional Course | Students attend in-person lectures, recitations, and labs. Work done online at home is limited to course reading, homework and review. |
| Hybrid Course | Students attend in-person small group sessions. Lecture videos, course reading, homework and review are done online. This format reduces the time spent physically in class. |
| Flex Choice | Students are able to attend in-person lectures or view prerecorded lectures online. |
| Online Course - Synchronous | Synchronous courses are live online courses that are conducted in real-time. The instructor and students are together in the same session, which will begin and end at a fixed time. |
| - Asynchronous | Asynchronous courses are made up of prebuilt course components, allowing students to complete them at the time and pace of their choosing. |
| Group A Group B | Students are split into two groups prior to the start of term. These groups are determined by student preference and seat availability. Due to the large enrollment in our summer courses, creating subgroups within our courses allows for a richer student experience. |
| Small Group Session | In-person sessions that involve small group work and discussion. |
| Open Lab Sessions | Time periods when teaching assistants will be available in the computer lab to assist students with lab assignments. Students are able to attend open lab sessions when it is most convenient for their schedules. |
| Recitation | Presentation by a teaching assistant or instructor that supplements course materials. Please reference schedule for mandatory and optional recitation sessions. |

General Enrollment Information:

- All students have five business days after the start of a course to drop the course.
- Students may take other courses offered by the University, subject to approval by their advisor and the Institute for Clinical Research Education.
- University offices are closed on Memorial Day (5/31) and Independence Day (7/5).
- Please email icre@pitt.edu with questions regarding the ICRE course schedule.

| Format | Class Number | Subject / Catalog Number | Course Title | Course Format and Days / Time | | Room / Building | Instructor(s) | Credits |
|--------------------|--------------|--------------------------|---------------------------------------|---|---|-----------------|---|---------|
| Online Synchronous | 16481 | CLRES 2005 | Computer Methods in Clinical Research | Introductory Session July 1 Group A 9:00 AM – 12:00 PM Group B 12:00 PM – 3:00 PM Group C 3:00 PM – 6:00 PM | Open Lab Sessions July 2, 6, and 7 No class July 5 11:00 AM – 5:00 PM | Online | Scott Rothenberger | 1 |
| Online Synchronous | 16486 | CLRES 2010 | Clinical Research Methods | Small Group Sessions M, W, F* July 2 - August 20 No class July 5 Group A 10:30 AM - 11:30 AM Group B 11:45 AM - 12:45 PM <i>*schedule will rotate between days. Check extended schedule for details.</i> | Combined Recitation (optional) W July 7 - August 18 1:00 PM – 2:00 PM | Online | Kathleen McTigue Kenneth Smith Gretchen White | 3 |

| Format | Class Number | Subject / Catalog Number | Course Title | Course Format and Days / Time | | Room / Building | Instructor(s) | Credits |
|--------------------|--------------|--------------------------|--|---|---|-----------------|-------------------------------|---------|
| Online Synchronous | 16484 | CLRES 2020 | Biostatistics | Lectures M, W, F July 2 - August 20 No class July 5 8:30 AM – 10:00 AM | Recitation Tu, Th July 6 - August 19 Group A 11:30 AM – 12:30 PM Group B 1:30 PM – 2:30 PM | Online | Joyce Chang Jonathan Yabes | 4 |
| | | | | Open Lab Sessions M July 12 - August 16 2:00 PM – 5:00 PM | | | | |
| Online Synchronous | 16471 | CLRES 2040 | Measurement in Clinical Research | First Session F July 2 1:00 PM – 3:00 PM Sessions Th July 8 – August 12 8:30 AM – 10:00 AM Final Exam Th August 19 8:30 AM – 10:30 AM | | Online | Galen Switzer | 1 |
| Online Synchronous | 20664 | CLRES 2011 | Advanced Observational Epidemiological Methods | M, W 1:00 PM – 3:00 PM May 10 – June 7 No class May 31 | | | Gretchen White | 1 |

| Format | Class Number | Subject / Catalog Number | Course Title | Course Format and Days / Time | Room / Building | Instructor(s) | Credits |
|--------------------|--------------|--------------------------|---|---|-----------------|--|---------|
| Other | 16428 | CLRES 2080 | Master's Thesis Research* | Please see instructor. | | Thomas Radomski | 1 – 3 |
| Other | 16429 | CLRES 2085 | Independent Study* | Please see instructor. | | Thomas Radomski | 1 – 3 |
| Other | 16469 | CLRES 2086 | Clinical Research Teaching Practicum* | Please see instructor. | | Thomas Radomski | 0.5-3 |
| Other | 16430 | CLRES 2124 | Directed Study in DA & CEA | Please see instructor. | | Cindy Bryce, Mark Roberts, Ken Smith | 1-3 |
| Other | 16431 | CLRES 2320 | Clinical Trials Practicum* | Please see instructor. | | Kaleab Abebe | 2-3 |
| Online Synchronous | 16467 | CLRES 2601 | Principles and Practice of Palliative Care – Part I | M 4:00 PM - 5:00 PM July 12 – October 11 No class 9/6 4:30 PM - 5:30 PM October 18 – November 1 | Online | Rene Claxton | 1 |
| Online Synchronous | 16470 | CLRES 2700 | Fundamentals of Bench Research** | Lectures M, Tu, W, Th, F 9:00 AM - 5:00 PM July 19 – July 28 Final Exam Th 9:00 AM July 29 | Online | Jonathan Alder, Corrine Kliment | 2 |
| Other | 16432 | CLRES 2725 | Translational Research Practicum* | Please see instructor. | | Patrick Pagano | 1-3 |

| Format | Class Number | Subject / Catalog Number | Course Title | Course Format and Days / Time | Room / Building | Instructor(s) | Credits | |
|--------|--------------|--------------------------|--|-------------------------------|-----------------|------------------------|---------------|------|
| Other | 16433 | CLRES 3010 | PhD Independent and Directed Research* | | | Please see instructor. | Galen Switzer | 1-6 |
| Other | 17850 | CLRES 3010 | PhD Independent and Directed Research* | | | Please see instructor. | Galen Switzer | 1-6 |
| Other | 16434 | CLRES 3040 | PhD Dissertation Research* | | | Please see instructor. | Galen Switzer | 1-14 |

*Requires program approved proposal prior to registration.

**Requires additional registration, contact Terri Dobransky (dobranskyta@upmc.edu) for more information.

Suggested list of Pitt departments to review course offerings:

[Department of Behavioral and Community Health Sciences \(BCHS\)](#)

[The Center for Bioethics and Health Law \(BIOETH\)](#)

[Department of Biostatistics \(BIOST\)](#)

[Department of Epidemiology \(EPIDEM\)](#)

[Department of Health Policy and Management \(HPM\)](#)

[Department of Human Genetics \(HUGEN\)](#)

[Department of Infectious Diseases and Microbiology \(IDM\)](#)

[Interdisciplinary Biomedical Graduate Program \(INTBP\)](#)

[Biochemistry and Molecular Genetics Graduate Program \(MSBMG\)](#)

[Cell Biology and Molecular Physiology Graduate Program \(MSCBMP\)](#)

[Graduate Program in Immunology \(MSIMM\)](#)

[Department of Pharmacology and Chemical Biology \(MSMPHL\)](#)

[Graduate Program in Molecular Virology and Microbiology \(MSMVM\)](#)

[School of Pharmacy \(PHARM\)](#)

Students can use the [Pitt Class Search](#) to view Pitt classes online.