

## ICRE Summer 2018 Course Schedule

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:

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.
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 add/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 (5/28) and Independence Day (7/4).
- Please email [icre@pitt.edu](mailto:icre@pitt.edu) with questions regarding the ICRE course schedule.

**ICRE Summer 2018 (2187) Course Schedule  
Degree Programs in Clinical Research**

<b>Format</b>	<b>Class Number</b>	<b>Subject / Catalog Number</b>	<b>Course Title</b>	<b>Course Format and Days / Time</b>		<b>Room / Building</b>	<b>Instructor(s)</b>	<b>Credits</b>
Hybrid	17174	CLRES 2005	Computer Methods in Clinical Research	<b>Introductory Session</b> July 3  <b>Group A</b> 11:00 AM – 1:00 PM <b>Group B</b> 1:00 PM – 3:00 PM <b>Group C</b> 3:00 PM – 5:00 PM	<b>Open Lab Sessions</b> July 5, 6, and 9 11:00 AM – 5:00 PM	Parkvale 222	Scott Rothenberger	1
Hybrid	17179	CLRES 2010	Clinical Research Methods	<b>Small Group Sessions</b> M,W,F* July 6 - August 24  <b>Group A</b> 10:30 AM - 11:30 AM <b>Group B</b> 11:45 AM - 12:45 PM <i>*schedule will rotate between days. Check extended schedule for details.</i>	<b>Combined Recitation (optional)</b> W July 11 - August 22 1:00 PM – 2:00 PM	Parkvale 305	Kathleen McTigue Kenneth Smith Marnie Bertolet	3

Format	Class Number	Subject / Catalog Number	Course Title	Course Format and Days / Time		Room / Building	Instructor(s)	Credits	
Traditional	17177	CLRES 2020	Biostatistics	<b>Lectures</b> M,W,F July 2 - August 24 8:30 AM – 10:00 AM PUBHL G23	<b>Recitation</b> Tu, Th July 10 - August 23 Parkvale 305  <b>Group A</b> 10:45 AM – 11:45 AM  <b>Group B</b> 1:00 PM – 2:00 PM	Dependent on session type – see previous column	Joyce Chang Jonathan Yabes	4	
				<b>Open Lab Sessions</b> Tu, Th July 10-August 23 2:00 PM – 5:00 PM Parkvale 222					
Hybrid	17162	CLRES 2040	Measurement in Clinical Research	<b>First and Last Session Held as Large Group</b> Th July 5 & August 23 8:30 AM - 10:30 AM <i>Scaife Lecture Room 5</i>  <b>Small Group Sessions</b> Th July 12 – August 16 Parkvale 305		<b>Group A</b> 8:30 AM - 9:30 AM  <b>Group B</b> 9:30 AM - 10:30 AM	Dependent on session type – see previous column	Galen Switzer	1
Traditional	20854	CLRES 2077	Strategic Leadership in Academic Medicine	W 1:00 PM – 3:00 PM May 2 – June 20			Parkvale 305 A/B	Doris Rubio, Sarah Merriam	1
Other	17106	CLRES 2080	Masters Thesis Research*	Please see instructor.			Doris Rubio	1 – 3	
Other	17107	CLRES 2085	Independent Study*	Please see instructor.			Doris Rubio	1 – 3	

Format	Class Number	Subject / Catalog Number	Course Title	Course Format and Days / Time	Room / Building	Instructor(s)	Credits
Other	17153	CLRES 2086	Clinical Research Teaching Practicum*	Please see instructor.		Doris Rubio	0.5-3
Other	17108	CLRES 2124	Directed Study in DA & CEA	Please see instructor.		Cindy Bryce, Mark Roberts, Ken Smith	1-3
Other	17109	CLRES 2320	Clinical Trials Practicum*	Please see instructor.		Kaleab Abebe	2-3
Traditional	17151	CLRES 2601	Principles and Practice of Palliative Care – Part I	M 4:00 PM - 5:00 PM July 9 – October 8 No class 9/6 4:30 PM - 5:30 PM October 15 – October 29	Iroquois 405	Rene Claxton	1
Traditional	17154	CLRES 2700	Fundamentals of Bench Research**	M, Tu, W, Th, F 9:00 AM - 5:00 PM July 16 - July 27	BST S123	Yingze Zhang, Yutong Zhao	2

\*Requires program approved proposal prior to registration.

\*\*Requires additional registration, contact Terri Donbransky ([dobranskyta@upmc.edu](mailto:dobranskyta@upmc.edu)) for more information.

Format	Class Number	Subject / Catalog Number	Course Title	Course Format and Days / Time	Room / Building	Instructor(s)	Credits
Other	17110	CLRES 2725	Translational Research Practicum*			Janet Lee	1-3
Other	17111	CLRES 3010	PhD Independent and Directed Research*			Galen Switzer	1-3
Other	18757	CLRES 3010	PhD Independent and Directed Research*			Galen Switzer	1-3
Other	17112	CLRES 3020	Directed Study*			Galen Switzer	1-9
Other	17113	CLRES 3040	PhD Dissertation Research*			Galen Switzer	1-14

\*Requires program approved proposal prior to registration.

#### University of Pittsburgh Schools and Departments: Additional Course Options

Department	Location
Department of Behavioral and Community Health Sciences (BCHS)	<a href="http://www.publichealth.pitt.edu/behavioral-and-community-health-sciences">http://www.publichealth.pitt.edu/behavioral-and-community-health-sciences</a>
The Center for Bioethics and Health Law (BIOETH)	<a href="http://www.bioethics.pitt.edu/">http://www.bioethics.pitt.edu/</a>
Department of Biostatistics (BIOST)	<a href="http://www.publichealth.pitt.edu/biostatistics">http://www.publichealth.pitt.edu/biostatistics</a>
Department of Epidemiology (EPIDEM)	<a href="http://www.publichealth.pitt.edu/epidemiology">http://www.publichealth.pitt.edu/epidemiology</a>
Department of Health Policy and Management (HPM)	<a href="http://www.publichealth.pitt.edu/health-policy-and-management">http://www.publichealth.pitt.edu/health-policy-and-management</a>
Department of Human Genetics (HUGEN)	<a href="http://www.publichealth.pitt.edu/human-genetics">http://www.publichealth.pitt.edu/human-genetics</a>
Department of Infectious Diseases and Microbiology (IDM)	<a href="http://www.publichealth.pitt.edu/infectious-diseases-and-microbiology">http://www.publichealth.pitt.edu/infectious-diseases-and-microbiology</a>
Interdisciplinary Biomedical Graduate Program (INTBP)	<a href="http://www.gradbiomed.pitt.edu/">http://www.gradbiomed.pitt.edu/</a>
Biochemistry and Molecular Genetics Graduate Program (MSBMG)	<a href="http://www.biology.pitt.edu/graduate">http://www.biology.pitt.edu/graduate</a>
Cell Biology and Molecular Physiology Graduate Program (MSCBMP)	<a href="http://www.cbp.pitt.edu/education/education.html">http://www.cbp.pitt.edu/education/education.html</a>
Graduate Program in Immunology (MSIMM)	<a href="http://www.immunology.pitt.edu/graduate">http://www.immunology.pitt.edu/graduate</a>
Department of Pharmacology and Chemical Biology (MSMPHL)	<a href="http://pharmacology.medicine.pitt.edu/">http://pharmacology.medicine.pitt.edu/</a>
Graduate Program in Molecular Virology and Microbiology (MSMVM)	<a href="http://www.mvm.pitt.edu/">http://www.mvm.pitt.edu/</a>
School of Pharmacy (PHARM)	<a href="http://www.pharmacy.pitt.edu/">http://www.pharmacy.pitt.edu/</a>