MGRD (MGRD)

MGRD 310. Introduction to Clinical Inquiry (IQ). 3 Units.
This course is designed for pre-allied health students to introduce key overarching medical topics, including bioethics, public health and health disparities, as well as to integrate key MCAT topics from other courses into a clinically applicable context. Further, select human anatomy and physiology topics will be introduced. An important component of this course is the IQ process, which will reinforce scientific inquiry, self-reflection and constructive criticism. This course will have limited enrollment and is by permission only. Offered as MGRD 310 and MGRD 410.

MGRD 311. Introduction to Clinical Inquiry (IQ) II. 3 Units.
This course is the second semester in a 2 semester series designed for pre-professional health students to introduce key overarching medical topics, including bioethics, public health and health disparities, as well as to integrate key MCAT topics from other courses into a clinically applicable context. Further, select human anatomy and physiology topics will be introduced. An important component of this course is the IQ process, which will reinforce scientific inquiry, self-reflection and constructive criticism. Offered as MGRD 311 and MGRD 411.

MGRD 399. Independent Research in Biomedical Science. 1 - 3 Units.
This course is a graded independent research course offered in the School of Medicine at the undergraduate level. Students may use the School of Medicine EnRICH (Enhancing Research and Industry Career Horizons) program to find external research opportunities, may work in the laboratory of a School of Medicine faculty or may identify an appropriate mentored research opportunity independently. Students work with research mentor and course director to create their customized learning objectives. Grades are based on meeting objectives and completing reflections. In lieu of a final exam, students will give a short presentation on their experience and what they learned.

MGRD 410. Introduction to Clinical Inquiry (IQ). 3 Units.
This course is designed for pre-allied health students to introduce key overarching medical topics, including bioethics, public health and health disparities, as well as to integrate key MCAT topics from other courses into a clinically applicable context. Further, select human anatomy and physiology topics will be introduced. An important component of this course is the IQ process, which will reinforce scientific inquiry, self-reflection and constructive criticism. This course will have limited enrollment and is by permission only. Offered as MGRD 310 and MGRD 410.

MGRD 411. Introduction to Clinical Inquiry (IQ) II. 3 Units.
This course is the second semester in a 2 semester series designed for pre-professional health students to introduce key overarching medical topics, including bioethics, public health and health disparities, as well as to integrate key MCAT topics from other courses into a clinically applicable context. Further, select human anatomy and physiology topics will be introduced. An important component of this course is the IQ process, which will reinforce scientific inquiry, self-reflection and constructive feedback. Offered as MGRD 311 and MGRD 411.

MGRD 610. Internship in Biomedical Sciences. 1 - 9 Units.
This course is an ungraded (pass/fail) internship. Students are expected to identify a potential internship that will enhance their career in a meaningful way. For example, a student interested in education might choose to work with the Great Lakes Science Center to develop and help deliver content for a medical-themed summer camp. Students interested in getting a job in industry may find a company in their field and intern with them. Research experiences within CWRU or affiliated hospitals MAY be appropriate only if the student wouldn't otherwise get those experiences in their program and it would significantly help their career. Therefore, all internships must be identified and approved by the course director and, if counting as an elective toward their degree, their program director, prior to enrolling. All students must identify an internship mentor at the location of their internship. The course director will check in with their mentor regularly to ensure an appropriate experience for student as well as the hosting institution. Credits depend on the scope of the internship. For each credit you are enrolled in, you will be expected to work at least 50 hours. So, in other words, if you register for 9 credits in one semester, you will be expected to work a total of at least 450 hours, or about 11-12 weeks full time. Thus, the number of credits registered should coincide with the agreed upon scope of the internship. In order to pass this course, students will be expected to keep, and submit weekly, a reflection log. In addition, students will be expected to present on their experiences, including what they did and what they learned, at an end of the semester, and their internship mentor, program director and other students in this course will be invited to attend this public presentation. Students who do not meet the criteria for hours worked, miss more than 2 of the weekly reflections or do not do an end of the semester presentation will receive a failing grade.