Undergraduate Research Experiences Courses (URES)

This is a list of all undergraduate research experience courses. For more information, see Undergraduate Research Experiences.

URES:1000 First-Year Seminar  
1 s.h.  
Small discussion class taught by a faculty member; topics chosen by instructor; may include outside activities (e.g., films, lectures, performances, readings, visits to research facilities). Requirements: first- or second-semester standing.

URES:2100 Louis Stokes Alliances for Minority Participation STEM Scholars  
1 s.h.  
Preparation for success in transferring into a STEM major at UI; exposure to undergraduate research opportunities; develop skills of scientific inquiry and communication; presentation of products; connect with current transfer students, active research faculty, campus support services, and program staff members. Requirements: application and acceptance to UI LSAMP program.

URES:3001 Introduction to Translational Research  
0-3 s.h.  
Array of scientific studies translated into clinical solutions, creative ideas balanced with practical strategies for implementation at bedside, and expansive number of career opportunities becoming available in translational sciences; opportunity to learn how translational research is conceived and developed; interpreting student research in a translational paradigm; survey of translational biomedicine research program covering the scope of interdisciplinary teams and breadth of T1 to T4 research applications. Requirements: enrollment in clinical and translational science certificate program, and engagement in mentored research activity. Recommendations: successful completion of EPID:4400 highly recommended.

URES:3002 Practicum in Clinical and Translational Science  
0-3 s.h.  
How research experience translates into clinical practice; translational impact of independent research; summary of research accomplishments; outline of a translational paper that is mutually acceptable to student, preceptor, and faculty; submission of paper and completion of poster presentation describing research project and translational application of research. Prerequisites: URES:3001. Requirements: enrollment in clinical and translational science certificate program.

URES:3100 Iowa Center for Research by Undergraduates Research Ambassador  
0-1 s.h.  
Promotion of undergraduate research from all disciplines within campus community; hosting various on-campus events, leading workshops, presentations at student organization meetings and in-class; leadership and public speaking; regular meetings with ICRU staff.

URES:3500 Skill Development for Undergraduate Researchers  
1-2 s.h.  
Introduction to research across disciplines, research communication (i.e., poster preparation, research presentation), curriculum vitae and résumé development, letters of recommendation, institutional structure, and more; focus on soft skill development for undergraduates currently involved in mentored research and creative scholarship.

URES:3992 Undergraduate Research and Creative Projects  
0 s.h.  
Independent research or pursuit of a creative project under mentorship of a faculty supervisor.

URES:3993 Undergraduate Research and Creative Projects  
1-4 s.h.  
Independent research or pursuit of a creative project under mentorship of a faculty supervisor.

URES:3994 Undergraduate Research and Creative Projects  
1-4 s.h.  
Independent research or pursuit of a creative project under mentorship of a faculty supervisor.

URES:3995 ICRU Research Fellow  
0 s.h.  
Recognition of undergraduates involved in scholarly efforts of UI faculty and research staff; work on specific research and/ or creative projects under selected mentors; funded annually by the Iowa Center for Research by Undergraduates (ICRU) through a competitive application process. Requirements: selection as ICRU Fellow.

URES:4130 Research Experience for Undergraduates in Microbiology  
0 s.h.  
URES:4140 Research Experiences for Undergraduates in Evolutionary Biology  
0 s.h.  
Intensive hands-on experience in a research lab; students create digital exhibits in collaboration with the UI Museum of Natural History and present their research at a University-wide poster presentation.

URES:4150 Undergraduate Medical Scientist Training Program Research  
0 s.h.  
URES:4160 Research Experiences for Undergraduates in Geospatial Approaches to Watershed Science  
0 s.h.  
Intensive hands-on experience in research for students in environmental fields.

URES:4170 Research Experience for Undergraduates in Nanoscience and Nanotechnology  
0 s.h.