

# Graduate College Courses (GRAD)

This is a list of all Graduate College nondepartmental courses. For more information, see Graduate College.

- GRAD:0006 SROP Scholars Program** 0 s.h.
- GRAD:5225 Communicating Data Through Stories** 3 s.h.  
How to communicate science effectively and responsively with multiple audiences from peers and professors to potential employers, policymakers, and the lay public; focus on speaking about science clearly and vividly in ways that can engage varied audiences, especially those outside the student's own field; connecting and finding common ground with an audience, defining goals, identifying main points, speaking without jargon, explaining meaning and context, using storytelling techniques and multimedia elements. Same as CEE:5225.
- GRAD:5800 Writing for National Fellowships** arr.  
Process of writing applications for nationally competitive fellowship opportunities; completion of a fellowship application portfolio for a specific fellowship opportunity.
- GRAD:6000 Ph.D. Postcomprehensive Registration** 1 s.h.
- GRAD:6001 Master's Final Registration** 1 s.h.  
Requirements: master's degree candidate.
- GRAD:6002 Doctoral Continuous Registration** 1 s.h.  
Requirements: doctoral degree candidate who has passed comprehensive examinations.
- GRAD:6003 Doctoral Final Registration** 1 s.h.  
Requirements: doctoral degree candidate in final session of enrollment.
- GRAD:6217 Seminar in College Teaching** 1-3 s.h.  
Preparation for college teaching; for graduate students planning to teach. Same as PSQF:6217.
- GRAD:6300 Writing for Learned Journals** 1-4 s.h.  
Seminar that supports graduate students in bringing written work to publishable form; analysis of target journals' audiences, interests, and citation politics; submission and the publication process; response to reader reports and criticism; best writing and research practices; discussion of knowledge cultures and discourses in disciplines and the contemporary academy. Same as AMST:6300, GWSS:6300, RHET:6330.
- GRAD:6313 Studio Summer Fellowship** 1 s.h.  
Investigation of and reflection on digital scholarly collaboration, production, and promotion. Same as ULIB:6313.
- GRAD:6500 Digital Humanities Independent Study** arr.  
Independent study for students working toward their public digital humanities certificate.
- GRAD:6510 Introduction to Programming** 1 s.h.  
How computer programming has quickly become a valuable skill across a diverse range of professions and academic disciplines; programming impacts on an increasingly large segment of professional activity—from analyzing text, visualizing data, creating maps, or developing web applications; knowledge of how to read and write code as a valuable literacy in modern mediated life; introduction to computer programming; students write simple programs of their own design (e.g., automate repetitive tasks, perform calculations on data, accept and process user input).
- GRAD:6520 Data Visualization Basics** 1 s.h.  
Hands-on introduction to basics of data visualization—working with data, analyzing and designing clear and functional visualizations, and developing simple data visualizations in Excel and Python or R; basic static plots (e.g., scatterplots, histograms, line graphs); brief introduction to geographic maps and network graphs.
- GRAD:6521 Scholarly Communication and Journal Publishing** 1 s.h.  
Process of publishing a scholarly journal; several scholarly journals are published locally through Iowa Research Online (IRO); for graduate students interested in academic journal publishing as well as scholarly communication more broadly.
- GRAD:6530 Open Source Web Mapping for Beginners** 1 s.h.  
Maps are high-impact visual representations that can make complex ideas more comprehensible and enhance persuasive power of academic arguments; wide range of open source data and scripting libraries that are increasingly available to scholars who wish to present their data in interactive online maps; introduction to basic workflows and scripting for open web mapping with JavaScript, HTML, and CSS.
- GRAD:6540 Careers Beyond Academia** 1 s.h.  
Preparation to search for and apply to a variety of careers outside of academia that allow students to use their digital scholarship and digital skills training; opportunities and challenges faced when transitioning to careers adjacent to and beyond academic environments in which students have become familiar with in their graduate training.
- GRAD:6550 Design Fundamentals in Digital Scholarship** 1 s.h.  
Exploration of the role of design in communication while empowering students to grow more comfortable verbalizing the visual; students more accurately describe design elements, produce basic promotional assets, and assess legibility, navigability, and accessibility.
- GRAD:6590 Digital Humanities Capstone** arr.  
Application and practice of classroom experience to a specific project under guidance from a faculty member and project team leader. Prerequisites: CLAS:7290 or SLIS:7290. Requirements: admission to public digital humanities certificate program, an approved certificate plan of study on file, completion of 12 s.h. of approved coursework, and good standing in all required certificate coursework. Same as SLIS:6590.
- GRAD:6800 CIC Scholar** arr.
- GRAD:6801 Regents Exchange Program** arr.
- GRAD:6997 Graduate/Professional Transfer** arr.
- GRAD:6998 Undergraduate Transfer** arr.
- GRAD:6999 Resident/Fellow/Post-Doctoral** 0 s.h.
- GRAD:7280 Obermann Center for Advanced Studies Special Topics Seminars** 1-3 s.h.  
Active participation and engagement in a major program, such as the annual Humanities Symposium; readings on interdisciplinary histories, contexts, and theoretical perspectives that frame featured events; work of artists, scholars, and researchers participating in the program. Requirements: admission to Graduate College.

**GRAD:7285 Obermann Center Professional Development Seminar** **1 s.h.**

Active participation and engagement in a series of classes dedicated to connecting public engagement, research, and teaching; readings and media viewings that frame course topics; production of a short film, marketing materials, grant, and syllabi relevant to public engagement project.

Requirements: admission to Graduate College and completion of Obermann Graduate Institute on Engagement and the Academy.

**GRAD:7385 Teaching and Learning in Higher Education** **3 s.h.**

Current theoretical and empirical literature on teaching and learning in higher education; focus on development of effective teaching practice. Same as EDTL:7385, EPLS:7385, PSQF:7385, RCE:7385.

**GRAD:7400 Practicum in College Teaching** **arr.**

Supervised college teaching experience; teaching in collaboration with faculty, observation and critiques of teaching, participation in course planning and evaluation procedures; ethical and multicultural considerations.

Requirements: admission to the graduate certificate in college teaching program.

**GRAD:7601 Postdoctoral Research Scholar** **0 s.h.**

Requirements: postdoctoral standing.

**GRAD:7602 Postdoctoral Research Fellow** **0 s.h.**

Requirements: postdoctoral standing.