Graduate College Courses (GRAD)

GRAD Courses

This is a list of courses with the subject code GRAD. For more information, see Graduate College in the catalog.

GRAD:3020 SROP Scholars Program 0 s.h.
Summer research experience and/or creative project with guidance from faculty mentor to explore research interests; learn to present research for wide variety of audiences including end-of-summer research conference. Requirements: selection via competitive application process.

GRAD:5091 Statistics Career Seminar 1 s.h.
Practical, hands-on approach to demystify the job search process and build essential career-readiness skills for roles in statistics, actuarial science, and data science across academia, industry, government, and non-profit sectors. Same as STAT:5091.

GRAD:5095 Topics in Community Engagement 0 s.h.
Training for graduate and professional students in critical areas of community engagement, including community-engaged teaching, community-engaged research, and building community partnerships.

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, SDG:5225.

GRAD:5500 Graduate Registration 0 s.h.
Recognition of graduate experiential learning for financial award recipients..

GRAD:5999 Graduate Final Registration 1 s.h.
Certificate students and non-thesis doctoral students.

GRAD:6000 PhD 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: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:6515 Basic Data Handling in Microsoft Excel 1 s.h.
Introduction to managing and examining spreadsheet data for humanities and social sciences; basic data types, organizing data records, creating summary reports and simple charts, tips and tricks for letting Microsoft Excel do the tedious parts; prior experience working with data or Microsoft Excel not required.

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 with the support of the University of Iowa Libraries. For graduate students interested in academic journal publishing, as well as scholarly communications more broadly.

GRAD:6535 Data Visualization and Mapping 1 s.h.
Introduction to data visualization techniques for descriptive data analysis and geospatial visualization; introduction to Excel; basic editing and implementation of JavaScript; for graduate students interested in learning how to find, clean, manage, and analyze data for visual presentation in graphs, charts, or interactive digital maps. No prior experience necessary.

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:6541 The Future of Knowledge 1 s.h.
Explores speculative research practices that reimagine how knowledge is created, shared, and understood; students will experiment with reading books with computers, using text mining and digital analysis, while also working with data and artifacts as creative materials for discovery; engage AI agents as collaborators, testing their potential and limits in research and use speculative methods such as world-building and counterfactuals to imagine new futures of scholarship; students will have prototyped bold hybrid works that blur the lines between research, design, and creative expression.

GRAD:6545 Introduction to Podcasting 1 s.h.
Introduction to podcasting basics including interview techniques, speaking and writing for podcast audiences, digital productions, and promotion. For graduate students interested in using digital techniques to share their creative works, research, or scholarship.

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:6551 Scholarly Promotion and Design 1 s.h.
Explore effective ways of designing and presenting scholarships to a variety of audiences, from academic peers to the wider public; students will learn how to communicate their research across various platforms and will use a variety of tools to hone their communication skills; students will learn fundamental design skills and will practice assessing a design's 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. 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.

GRAD:6800 CIC Scholar arr.

GRAD:6801 Regents Exchange Program arr.

GRAD:6995 Interdisciplinary Studies Capstone arr.
Development of a project applying research and expertise acquired through completed coursework to an area of interest fitting student's academic and/or career ambitions; may include final presentation, portfolio, and/or written paper.

GRAD:6997 Graduate/Professional Transfer arr.

GRAD:6999 Resident/Fellow/Post-Doctoral 0 s.h.

GRAD:7000 Thesis arr.
Thesis development and writing course.

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: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 CSED:7385, EDTL:7385, EPLS:7385, PSQF: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:7590 Digital Humanities Theory and Practice 3 s.h.
Overview of theories and use of technology to preserve, deploy, visualize, map, and analyze concepts; discussions with practicing digital public scholars; assignments consist of a digital portfolio tailored to student research; introductory course in public digital humanities certificate.

GRAD:7601 Postdoctoral Research Scholar 0 s.h.
Requirements: postdoctoral standing.

GRAD:7602 Postdoctoral Research Fellow 0 s.h.
Requirements: postdoctoral standing.

GRAD:7999 Independent Study arr.
Focused study under direction of faculty member.