COMMUNICATION
ARTS AND SCIENCES CAS

College of Communication Arts and Sciences

100 Special Topics Seminar
Fall, 1 to 3 credits. A student may earn a maximum of 4 credits in any or all enrollments in CAS 100 or CAS 101 for this course. R: Open to freshmen.
Introduction to academic and non-academic under-graduate preparation related to topics in communica-tion arts and sciences.

101 Special Topics Seminar
Fall, 1 to 3 credits. A student may earn a maximum of 4 credits in any or all enrollments in CAS 100 or CAS 101 for this course. R: Open to freshmen.
Introduction to academic and non-academic under-graduate preparation related to topics in communica-tion arts and sciences.

110 Creative Thinking
Fall, Spring. 3(3-0) R: Open to undergradu-ate students in the College of Communica-tion Arts and Sciences. SA: ADV 220
Theory and practice for utilizing creative and critical thinking skills to generate unique ideas to solve com-plex problems and generate unique media content.

111 Design and Layout
Fall, Spring. 3(2-2) R: Open to undergradu-ate students in the College of Communica-tion Arts and Sciences.
Fundamentals of design practices and creative thinking for media related projects. Understanding and ap-lication of elements and principles of design, form, content and meaning, composition, color theory, ty-pography, and the grid. Includes Adobe applications: Photoshop, Illustrator and InDesign.

112 Story, Sound and Motion
Fall, Spring. 3(2-2) R: Open to undergradu-ate students in the College of Communica-tion Arts and Sciences. SA: TC 243
Explore the central role of storytelling, sound and ed-itting in media communication.

114 Creativity and Innovative Entrepreneurship
Fall, Spring, Summer. 3(3-0) Interdepartmental with Arts and Letters. Administered by Communication Arts and Sciences.
Creative processes, complex problem solving and in-novative entrepreneurship. Examination of success-ful social, cultural and corporate thinkers and crea-tors. Activities focused on inquiry, observation, ex-perimentation and networking for situational problem solving.

116 Media Sketching and Graphics
Fall, Spring. 3(2-2) R: Open to undergradu-ate students in the College of Communica-tion Arts and Sciences.
From sketching to final application in real and con-ceptual imagery using traditional and digital methods.

117 Games and Interactivity
Fall, Spring. 3(2-2) R: Open to undergradu-ate students in the College of Communica-tion Arts and Sciences.
Development of responsive media and iterative design from physical games to modern interactive soft-ware.

192 Environmental Issues Seminar
Fall. 1 credit. Interdepartmental with Agricul-ture and Natural Resources and Engineering and Natural Science and Social Science. Ad-ministered by Natural Science. R: Open to students in the College of Communication Arts and Sciences or in the College of Engineer-ing or in the College of Natural Science or in the College of Social Science. Approval of college.
Environmental issues and problems explored from a variety of perspectives, including legal, scientific, his-torical, political, socio-economic, and technical points of view.

201 Audio and Video in Media Settings I
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences. SA: TC 340 C: CAS 202 concurrently.
Professional video/audio techniques, technologies, standards, aesthetics, and procedures.

202 Audio and Video in Media Settings II
Fall, Spring, Summer. 1(0-2) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences. C: CAS 201 concurrently.
Advanced professional video/audio techniques, tech-nologies, standards, aesthetics and procedures.

203 Design in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
Essential techniques for creating single and multiple page layouts for print communication products.

204 Web Design in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
Professional web authoring techniques including technology standards, aesthetics and production in media settings.

205 Photography in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
Essential techniques for capturing, processing and outputting digital images in media settings.

206 Graphics and Illustration in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
Essential techniques for creating digital illustrations and graphics for media projects.

207 Animation in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
Fundamentals of animation including principles, tech-nology and design techniques for stand-alone and web-based applications in media settings.

208 Interactivity in Media Settings
Fall, Spring, Summer. 1(1-0) R: Open to under-graduate students in the College of Communi-ca-tion Arts and Sciences.
User interface and programming techniques for inter-active design.

214 Social Media and the Start-up
Spring, Summer. 3(3-0) Interdepartmental with Writing, Rhetoric and American Cul-tures. Administered by Communication Arts and Sciences. P: BUS 190 and CAS 114 R: Open to undergraduate students in the Enter-preneurship and Innovation Minor.
Introduction to using digital spaces and social media to propel entrepreneurship ideas forward. Survey of how businesses and organizations’ websites, videos, podcasts, and social media presence brand products and organizations. Website, mobile and social media presence to promote entrepreneurial idea.

290 Special Topics
Fall, Spring, Summer. 1 to 3 credits. A stu-dent may earn a maximum of 8 credits in all enrollments for CAS 290 and CAS 291.
Varied topics pertaining to the study of communica-tion applications and processes.

291 Special Topics
Fall, Spring. 1 to 4 credits. A stu-dent may earn a maximum of 8 credits in all enrollments in CAS 290 and CAS 291.
Varied topics pertaining to the study of communica-tion applications and processes.

292 Applications in Environmental Studies
Spring, 2(1-2) Interdepartmental with Agricul-ture and Natural Resources and Engineering and Natural Science and Social Science. Ad-ministered by Natural Science. R: Open to students in the Environmental Studies Spec-ialization.
Community engagement project. Projects vary de-pending on student’s major and area of environmen-tal interest.

296 Integrated Media Arts Special Topics
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P: (CAS 110 or CAS 111 or CAS 112) and completion of Tier I writing requirement R: Open to undergradu-ate students in the Residential College in the Arts and Humanities or in the Department of Advertising and Public Relations or in the De-partment of Art, Art History, and Design or in the Department of English or in the School of Journalism or in the Department of Media and Information or in the Department of The-atre or in the Department of Writing, Rhetoric and American Cultures. Approval of depart-ment; application required.
Explorations in integrated media arts.
Communication Arts and Sciences—CAS

492 Special Topics
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: approval of college. Varied topics pertaining to the study of communication processes.

496 Advanced Media Project Design and Production (W)
Fall, Spring. 3(2-2) P: ((CAS 110 and CAS 111 and CAS 112) and completion of Tier I writing requirement) or (JRN 203 and completion of Tier I writing requirement) R: Open to juniors or seniors and graduate students in the Department of Advertising and Public Relations or in the School of Journalism or in the Department of Media and Information. Approval of department; application required. Design and development of advanced media projects in a team setting using video and audio, photography, web design, interactivity, animation, and print media. Participation in a production cycle including idea generation, research, design, production, and distribution.

499 Interdisciplinary Design: Projects and Contemporary Issues
Fall, Spring. 3(2-2) Interdepartmental with Studio Art. Administered by Studio Art. R: Open to juniors or seniors. Approval of department. Contemporary issues in the broad survey of visual art design. Critical thinking, ethics, intellectual property, professionalism, team building, and project management. Related team-based interdisciplinary design projects based on a production cycle including problem definition, idea generation, research, project planning, production, evaluation, and distribution.

825 Mass Communication and Public Health
Fall. 3(3-0) R: Academic or professional background in mass communication and/or health. Health communication campaigns in domestic and international contexts. Focus on principles of effective communication.

826 Health Communication for Diverse Populations
Spring. 3(3-0) R: Academic or professional background in mass communication and/or health. Theory, research, and practice of communicating with specialized populations in clinical and public health contexts. Emphasis on interpersonal and small-group strategies.

827 Digital Media Strategies
Fall. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Current issues and trends in digital multimedia technologies and applications, media planning, promotional media mix plans.

828 Persuasion Techniques for Working Professionals
Fall. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Application of scientific principles of persuasion and compliance gaining, persuasive message construction, audience response to persuasion attempts.

829 Evaluation Techniques for Working Professionals
Fall. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Basic communication evaluation methods, including the process of evaluation, basics of quantitative and qualitative research methods, understanding elementary data analysis, sampling/recruiting and reporting and disseminating results.

831 Digital Content Creation, Curation and Promotion
Fall. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Creation of content for digital media including current social media, digital journalism and interactive media, design principles, promotion of digital media.

832 Strategic Message Development
Spring. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Designing effective corporate messages, conducting effective stakeholder analysis, setting outcome parameters, and engaging your audience.

833 Crisis Communication
Spring. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Best practices for risk communication, public relations and reputation management, case studies of corporate crisis, crisis management plan development.

835 Branding and Image Communication
Spring. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Branding to differentiate a product, service or company from its competitors, how brands are created, managed and grown, brand equity.

838 Organizational Communication for Leaders and Entrepreneurs
Spring. 3(3-0) R: Open to master's students in the College of Communication Arts and Sciences. Approval of college; application required. Fundamentals of organizational communication, organizational mission statement, leadership, building successful teams, facilitating meetings, and communicating innovation.

842 Professional Communication Ethics
Spring. 3(3-0) R: Open to master's students. Approval of college; application required. Ethical responsibilities for industry, community and personal standards. Foundational principles and modern applications of ethics in various communication media, organizational contexts, and across specific cultures and countries.

844 Capstone/Practicum
Spring. 3(3-0) A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to doctoral students in the College of Nursing. Approval of college. A final group-based project designed to integrate program learning and demonstrate facility with digital communication.

850 Health Informatics
Spring. 3(3-0) A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to doctoral students in the College of Communication Arts and Sciences or approval of college. Resources, devices, and methods required to optimize the acquisition, storage, retrieval, and use of information in health and biomedicine.

892 Special Topics
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the College of Communication Arts and Sciences or approval of college. Varied topics pertaining to advanced study of communication processes.

992 Doctoral Seminar
Fall, Spring. 3(3-0) A student may earn a maximum of 15 credits in all enrollments for this course. R: Open only to doctoral students in the Media and Information Studies major or Department of Communication or approval of college. Topics on theoretical and research issues in communication and mass media.

993 Research Internship
Fall, Spring. 1 credit. A student should have background or expertise in technology, nursing, health, and/or communication. Students should have applied research interests. R: Open to graduate students in the College of Communication Arts and Sciences and open to graduate students in the College of Engineering and open to graduate students in the College of Nursing. Interdisciplinary research methods, techniques, approaches, and funding. Applied research on issues that crosscut communication, nursing, and engineering.

994 Effective Interdisciplinary Research Collaborations
On Demand. 3(3-0) Interdepartmental with Engineering and Nursing. Administered by Communication Arts and Sciences. RB: Students should have background or expertise in technology, nursing, health, and/or communication. Students should have applied research interests. R: Open to graduate students in the College of Communication Arts and Sciences and open to graduate students in the College of Engineering and open to graduate students in the College of Nursing. Interdisciplinary research methods, techniques, approaches, and funding. Applied research on issues that crosscut communication, nursing, and engineering.
Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to doctoral students.

Doctoral dissertation research.