

Sample Program Outcomes:

Department of Geological Sciences:

B.S., Geology

Undergraduate majors will receive instruction of sufficient breadth, depth and currency to prepare them for successful appointment to entry-level professional work or graduate school. At the time of graduation, they will be able to:

- 1) Demonstrate conceptual understanding of different earth materials and the processes that shape them throughout their history;
- 2) Identify geologic problems and develop testable hypotheses that aid in their solution, both independently and in collaboration with others;
- 3) Demonstrate skills in standard data-gathering and data-analysis methods in both lab and field settings; and
- 4) Present polished summaries, both written and oral, of their geological discoveries.

M.S., Geology

Graduates of the Master of Science Program will be well prepared to:

- 1) Assume responsible positions in industry or in government agencies;
- 2) Serve as instructors in secondary-school or community college classrooms; or
- 3) Enter Ph.D. programs at other universities.

At the time of graduation, they will be able to:

- 1) Demonstrate content knowledge appropriate to professional career goals;
- 2) Frame novel questions or problems in geology and determine the data required to answer them;
- 3) Collect high-quality geologic data using standard techniques and begin to develop state-of-the-art methods;
- 4) Apply theoretical, conceptual and observational knowledge to the analysis and interpretation of geologic data;
- 5) Compile and critique geologic literature pertinent to original research; and
- 6) Communicate geologic knowledge, findings and interpretations in reports, both written and oral, that are well-organized, well-illustrated and professionally presented.

Music Department:

Undergraduate Program:

After successful completion of all requirements for the Bachelor of Arts in Music, students will:

1. demonstrate the ability to hear, identify, and work conceptually with the elements of music, through sight-reading, basic keyboard proficiency, and musical analysis.
2. perform standard repertoire appropriate to their performance area, as individuals, members of ensembles, and/or conductors.
3. demonstrate a working knowledge of music history within their area of specialization and an acquaintance with the history, cultural background and repertoires beyond that area, including a wide selection of Western and world music literature.
4. demonstrate a working knowledge of music technology and its application to their area of specialization.
5. develop pedagogical and/or clinical skills fundamental to their area of specialization for application across a variety of music and music-related professions.
6. demonstrate professional competence in the execution of business processes and practices commonly employed within their area of specialization.
7. create derivative or original music in both extemporaneous and written form.

Student Learning Outcomes of the Graduate Program

After successful completion of all requirements for the Master of Arts in Music or the Master of Music degree, students will:

1. demonstrate continuing development of professional and scholarly competence within their area of specialization.
2. demonstrate continuing development of individual talent, musical interests, and philosophies to be used creatively to preserve and extend the cultural heritage of music.
3. demonstrate artistic and intellectual rigor in the organization, interpretation, communication, and dissemination of musical knowledge.
4. demonstrate pedagogical skills fundamental to their area of specialization applicable across a variety of music and music-related professions.
5. demonstrate professional competence in the execution of business processes and practices commonly employed within their area of specialization.

Student Learning Outcomes for the M.A. in Music Industry Studies

1. Obtain knowledge and identification of facts, terms, concepts, principles and theories within the Music Industry.
2. Justify the purpose, importance, and critical function of copyright within the Music Industry.
3. Demonstrate professional competence and intellectual rigor in the execution of business practices and procedures common to the Music Industry.
4. Develop interpersonal skills and leadership qualities necessary for effectiveness in mixed artistic and non-artistic team-based business environments.
5. Develop interdisciplinary skills and entrepreneurial qualities necessary for career effectiveness within an evolving global Music Industry.
6. Recognize the importance of remaining both inquisitive and adaptable as the Music Industry continues to evolve.
7. Demonstrate the principles of exceptional character and assess the advantages, to both the individual and Music Industry alike, of incorporating them into one's personality.

Department of Occupational and Environmental Health:

B.S., Environmental and Occupational Health:

Graduates of the undergraduate program in Environmental and Occupational Health will be able to:

1. Demonstrate a comprehensive knowledge of the recognition, evaluation and control of biological, chemical and physical factors that can impact human health and safety, and the environment.
2. Demonstrate knowledge of how to work in interdisciplinary teams to promote public and private action to protect public health and the environment.
3. Communicate environmental and occupational health concepts and programs to a variety of audiences, using both written and verbal forms of communication.
4. Apply mathematical and critical reasoning to understand and incorporate new concepts in the field.
5. Demonstrate knowledge of organizational management and leadership skills.
6. Demonstrate knowledge of current regulatory and policy issues.

M.S., Environmental and Occupational Health

Graduates of the graduate program in Environmental and Occupational Health will learn:

1. Research design and analytical skills needed to critically evaluate scientific, technical and regulatory documents.
2. Oral, written and electronic communication skills to present information to professional groups, regulatory agencies and lay audiences.
3. Sufficient level of technical expertise in environmental and occupational health to competently solve general EOH problems.
4. A broad set of management skills to
 - a. Competently manage an environmental or occupational program; and
 - b. Initiate program planning and critical analysis of environmental or occupational health and safety programs

Department of Journalism:

Students will:

1. Attain competency in writing basics such as grammar and punctuation, word usage and spelling, sentence and story structure and journalistic style;
2. Attain competency in the gathering and critical analysis of information using such techniques as interviewing, observation and researching primary and secondary sources.
3. Acquire expertise in thinking critically and creatively, while exercising news judgment, the organization and presentation of information in multiple journalistic forms (i.e., print, visual and electronic, and public relations).
4. Develop an ethical basis for making journalistic and public relations decisions;
5. Develop flexibility in working in evolving mass communication media and environments using a variety of technologies and techniques;
6. Understand the historical, theoretical, legal and societal contexts within which journalists and public relations practitioners work.

Department of Anthropology:

B.A., Anthropology

Students completing the undergraduate degree program in Anthropology will be able to:

1. Recognize characteristics of human diversity across space and time from an anthropological perspective
2. Explain the evolutionary process, particularly as it relates to primate and specifically hominin evolution
3. Describe biological and behavioral variation among human and non-human primates in context
4. Discuss the concept of culture as a fundamental principle in anthropology
5. Identify the causes and consequences of cultural diversity, social inequalities and change in human societies
6. Discuss anthropological theories and paradigms, how they have changed over time and how they are applied to explain fundamental aspects of the human condition, such as cultural diversity and social change
7. Demonstrate the ability to conceptualize, collect, describe, analyze and interpret anthropological evidence according to generally accepted professional practice
8. Discuss ethics as they pertain to 21st century anthropology
9. Explain how anthropology may be used to engage in contemporary issues
10. Develop effective communication using anthropological standards

M.A. Anthropology

Students completing the Master's degree program in Anthropology should be able to:

1. Analyze characteristics of human diversity across space and time from an anthropological perspective
2. Analyze the evolutionary process particularly as it relates to primate and specifically hominin evolution
3. Analyze biological and behavioral variation among human and non-human primates in context
4. Analyze the concept of culture as a fundamental principle in anthropology
5. Analyze the causes and consequences of cultural diversity, social inequalities and change in human societies
6. Analyze anthropological theories and paradigms, how they have changed over time and how they are applied to explain fundamental aspects of the human condition such as cultural diversity and social change
7. Independently conceptualize, collect, describe, analyze and interpret anthropological evidence according to generally accepted professional practice
8. Analyze ethics as they pertain to 21st century anthropology
9. Examine how anthropology may be used to engage in contemporary issues
10. Communicate effectively using anthropological standards
11. Synthesize and evaluate current issues and debates in the subfields of anthropology