

Learning Objectives

ARTS AND SCIENCES

Anthropology & Archeology

Anthropology

1. Students will be able to analyze a) social and cultural patterns found in different cultures in our own and other societies, and b) the interconnections among cultural groups around the world.
2. Students will understand the methodological, political, and ethical issues of ethnographic interviewing and participant observation.
3. Students will be able to develop research questions in terms of appropriate hypotheses and fit these within an appropriate theoretical framework.
4. Students will be able to link empirical data to theoretical concepts in the discipline.
5. Students will be able to organize a coherent anthropological analysis of a social issue, in writing, using the appropriate vocabulary and concepts.

Archeology

1. Students will be able to develop and implement a research design for locating and investigating archeological sites during survey.
2. Students will be able to lay out and excavate archeological units following modern standards of field practice, including all aspects of field data recording.
3. Students will be able to interpret archaeological sites by applying current anthropological theories and ethnographic data.
4. Students will be able to process archeological materials for curation and to implement basic laboratory data recording procedures, including cleaning, labeling, measuring, and photographing artifacts.
5. Students will have a thorough grasp of the materiality of the human body, including identifying human remains in archeological contexts, understanding NAGPRA and archeological ethics, and knowledge about human mortuary practices and cross-cultural perspectives of the body.

MS in Anthropology

1. Students should understand the scientific method and be able to propose and carry out a scientific study.
2. Students should be able to conduct archeological analysis in the lab and in the field.
3. Students should be able to communicate scientific information orally and in writing to professional and lay audiences as well as understand how to teach science.
4. Students should demonstrate an understanding of anthropology/archeology theory.
5. Students should be able to use archeology laboratory and field technology.

Art and Design

Pre-Medical Illustration

1. Students of this major will be able to demonstrate an understanding of two-di-

mensional and three-dimensional materials and techniques.

2. Students will be able to articulate an understanding of art/design vocabulary.
3. Students will be able to demonstrate knowledge of historical and contemporary issues in art.
4. Students will be able to analyze and critically evaluate artworks.
5. Students will be able to develop a body of work that demonstrates technical facility.

Education

1. Students will be able to demonstrate an understanding of two-dimensional and three-dimensional materials and techniques.
2. Students of this major will be able to create and develop basic visual form in a variety of media in response to communication conceptual problems.
3. Students will be able to demonstrate a working knowledge of tools and technologies used in visual communication design.
4. Students will be able to demonstrate a high level of technical facility in drawing.
5. Students will be able to develop a body of work that demonstrates technical facility.

Studio (MA)

1. Students of this program will be able to create a body of work in a chosen discipline that demonstrates technical facility.
2. Students of this program will be able to create a body of work in a chosen discipline that demonstrates a clear conceptualization.
3. Students of this program will be able to create a body of work in chosen discipline that demonstrates knowledge of historical and contemporary influences.
4. Students of this program will develop advanced capacities to work independently and make effective artistic and intellectual judgments, and professional decisions in the area of specialization.
5. Students of this program will exhibit a body of work, in a chosen discipline, in a professional manner.

Studio (undergrad)

1. Students of this major will be able to create a body of work in a chosen discipline that demonstrates technical facility.
2. Students of this major will be able to create a body of work in a chosen discipline that demonstrates a clear conceptualization.
3. Students of this major will be able to create a body of work in a chosen discipline that demonstrates knowledge of historical and contemporary influences.
4. Students of this major will be able to create a body of work in a chosen discipline that demonstrates a utilization of the elements and principles of art and design.
5. Students of this major will exhibit a body of work, in a chosen discipline, in a professional manner.

Pre-Art Therapy

1. Students of this major will be able to demonstrate an understanding of materials and techniques in a variety of studio areas.
2. Students of this major will be able to analyze, critically evaluate, and document interactions with participants.
3. Students of this major will be able to interact with the community at-large through art activities and programs.
4. Students of this major will be able to develop a body of work that demonstrates technical facility.
5. Students of this major will be able to develop an Art Therapy project and facilitate it with participants.

Visual Communication Design

1. Students will be able to solve visual communication conceptual problems using

skills of problem identification, researching and gathering information, analysis, generating alternative solutions, and evaluating results.

2. Students will be able to create and develop visual form in a variety of media in response to communication conceptual problems.
3. Students will be able to demonstrate a working knowledge of tools and technologies used in the visual communication design field.
4. Students will be able to demonstrate knowledge of historical development in the history of graphic design/visual communication.
5. Students will be able to develop a body of work that demonstrates ability to effectively solve visual communication design problems.

Biology

Biology

1. Students will demonstrate mastery of content in major subdisciplines.
2. Students will be able to construct a scientific hypothesis and design an experiment or collect observational data to evaluate the hypothesis.

Human Biology (MS)

1. Graduates should demonstrate an understanding of the sources and patterns of human biological variation.
2. Graduates should be able to critically evaluate published human biology research by assessing the strengths and weaknesses of different methodological approaches commonly used in the field.
3. Graduates should correctly construct and conduct a formal scientific investigation using the scientific method, applying appropriate statistical tests on the obtained data.
4. Graduates should be able to demonstrate competency in scientific writing by producing an acceptable thesis, an article suitable for publication, or a major research paper.
5. Graduates should be able to demonstrate appropriate behavior in professional settings.

RESP Pre-Respiratory

1. Students in Respiratory Therapy program will demonstrate content knowledge necessary for successful advance performance in respiratory therapy.
2. Students will be able to develop critical thinking and problem solving skills, particularly in the area of education and rehabilitation of their patients.
3. Students will be able to communicate and educate patients in health management and lifestyle planning to cope with health problems.
4. Students will be able to perform respiratory tests and interpret results.
5. Students will be able to use therapeutic techniques, medications, and medical devices to treat patients with complex cardio pulmonary disorders.

Chemistry

Chemistry

1. Students must be able to demonstrate in-depth content knowledge in Chemistry.
2. Students must be able to express scientific content verbally and in writing.
3. Students must be able to work safely and effectively in the laboratory.
4. Students must be able to solve problems and be proficient critical thinkers.
5. Students must be able to follow experimental procedures and use instruments to collect data.
6. Students must be able to read and analyze current literature in chemistry.

Medical Laboratory Science

1. Students must be able to demonstrate in-depth content knowledge in scientific prerequisite courses.
2. Students must be able to express scientific content verbally and in writing.

3. Students must be able to work safely and effectively in the laboratory.
4. Students must be able to solve problems and be proficient critical thinkers.
5. Students must be able to follow experimental procedures and use instruments to collect data.
6. Students must be able to demonstrate competence by successful completion of an affiliated, accredited MLSC clinical program.

Communication

1. Students will be able to achieve applied communication competence in a specific area.
2. Students will be able to exercise baseline critical thinking and performance proficiency in giving a culminating presentation.
3. Students will be able to demonstrate expanded knowledge of communication concepts during the senior year.
4. Students will be able to exhibit knowledge synthesis of and reflection on communication competencies [artifacts].
5. Students will be responsible participants in a collective project.

Engineering

CHBE Chemistry/
Biomedical Engineering

1. Students must be able to demonstrate in-depth content knowledge in Chemistry.
2. Students must be able to express scientific content verbally and in writing.
3. Students must be able to work safely and effectively in the laboratory.
4. Students must be able to solve problems and be proficient critical thinkers.
5. Students must be able to follow experimental procedures and use instruments to collect data.
6. Students must be able to read and analyze current literature in chemistry.
7. Students must be prepared to transfer to the articulated IUPUI program

CSCE Computer Science/
Computer Engineering

1. Students will be able to write computer programs using the C++ programming language.
2. Students will be able to program using object-oriented features (classes, objects, etc.).
3. Students will be able to exhibit an understanding of the hardware/software/architecture of a computer and the interactions between their components.
4. Students will be able to create and modify a database and to develop complex queries to extract specific information from a database.
5. Students will be able to write computer programs performing different tasks on a computer network.
6. Students will be prepared to transfer to the articulated IUPUI program.

CSCE Computer Science/
Electrical Engineering

1. Students will be able to write computer programs using the C++ programming language.
2. Students will be able to program using object-oriented features (classes, objects, etc.).
3. Students will be able to exhibit an understanding of the hardware/software/architecture of a computer and the interactions between their components.
4. Students will be able to create and modify a database and to develop complex queries to extract specific information from a database.
5. Students will be able to write computer programs performing different tasks on a computer network.
6. Students will be prepared to transfer to the articulated IUPUI program.

CSME Computer Science/
Mechanical Engineering

1. Students will be able to write computer programs using the C++ programming language.
2. Students will be able to program using object-oriented features (classes, objects,

etc.).

3. Students will be able to exhibit an understanding of the hardware/software/architecture of a computer and the interactions between their components.
4. Students will be able to create and modify a database and to develop complex queries to extract specific information from a database.
5. Students will be able to write computer programs performing different tasks on a computer network.
6. Students will be prepared to transfer to the articulated IUPUI program.

MABE Math/ Biomedical Engineering

1. Students will be able to analyze and solve mathematical problems.
2. Students will be able to pose questions and devise test conjectures when presented with data or other mathematical information.
3. Students will be able to read mathematics with understanding.
4. Students will be able to communicate mathematical ideas clearly and coherently orally and in writing.
5. Students will be able to identify applications of mathematics and its connections to other disciplines.
6. Students will be prepared to transfer to the articulated IUPUI program.

MACE Math/Computer Engineering

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MAME Math/Mechanical Engineering

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5. Students will be able to identify applications of mathematics and its connections to other disciplines.
6. Students will be prepared to transfer to the articulated IUPUI program.

PHBE Physics/Biomedical Engineering

1. Graduates will be able to apply the core physics concepts from classical mechanics, electromagnetic fields, statistical mechanics and quantum mechanics to real world situations as demonstrated in multiple independent research projects executed in their senior year.
2. Graduates of this major will be able to integrate analytical and computational

techniques to solve problems using the core physics concepts. At least one senior research project must involved extensive analytical or computational work.

3. Graduates of this major will be able to use experimental techniques to help them verify, evaluate and investigate phenomena both inside and outside the field of physics. At least one senior research project must involved extensive experimental investigation with thorough planning, evaluation and analysis based on sound design principles.
4. Graduates of this major will be able to communicate their knowledge and understand of physics both in written and oral formats. At least one senior research project must be presented orally for a group of evaluators (e.g., a research meeting or conference). At least one project must produce a written report in a form that would be suitable for publication.
5. Graduates of this major will be able to use self-reflection and team feedback to identify areas of strengths and areas that need improvement.
6. Graduates of this major will be prepared to transfer to the articulated IUPUI program.

PSCE Physics/Computer Engineering

1. Graduates will be able to apply the core physics concepts from classical mechanics, electromagnetic fields, statistical mechanics and quantum mechanics to real world situations as demonstrated in multiple independent research projects executed in their senior year.
2. Graduates of this major will be able to integrate analytical and computational techniques to solve problems using the core physics concepts. At least one senior research project must involved extensive analytical or computational work.
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5. Graduates of this major will be able to use self-reflection and team feedback to identify areas of strengths and areas that need improvement.
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PSME Physics/Mechanical Engineering

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2. Graduates of this major will be able to integrate analytical and computational techniques to solve problems using the core physics concepts. At least one senior research project must involved extensive analytical or computational work.
3. Graduates of this major will be able to use experimental techniques to help them verify, evaluate and investigate phenomena both inside and outside the field of physics. At least one senior research project must involved extensive experimental investigation with thorough planning, evaluation and analysis based on sound design principles.
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5. Graduates of this major will be able to use self-reflection and team feedback to identify areas of strengths and areas that need improvement.
6. Graduates of this major will be prepared to transfer to the articulated IUPUI program.

English

Creative Writing

1. Students will be able to evaluate their own and peer texts (critical thinking).
2. Students will be able to modulate their own voice depending on writing circumstances (performance).
3. Students will be able to make artful choices in diction and syntax in their writing (creativity).
4. Students will be able to interact with the community via readings and events (social responsibility).
5. Students will be able to document responsibly language and ideas drawn from others (social responsibility).

Teaching

1. Students will be able to critically evaluate their own as well as their peers' written work (critical thinking).
2. Students will be able to articulate various interpretations of written documents or literature and other pieces of writing (critical thinking).
3. Students will be able to produce a portfolio of academic essays or complete a capstone project (performance).
4. Students will be able to analyze different genres of writing and their rhetorical features (critical thinking).
5. Students will be able to compose written work in multiple genres using a variety of rhetorical strategies (creativity).
6. Students will be able to discuss and analyze literature with a strong understanding of the social, historical, and cultural influences on the text (social responsibility).

Professional Writing

1. Students will be able to evaluate their own as well as peer texts (critical thinking).
2. Students will be able to modulate their own voice depending on writing or editing circumstances (performance).
3. Students will be able to make artful choices in diction and syntax in their writing, editing, and visual rhetoric (creativity).
4. Students will be able to participate in the global community (social responsibility).
5. Students will be able to produce substantial projects within various disciplines of major using elements of genres of writing, theory, project management, collaboration, and technology (critical thinking).

Literary Studies

1. Students will be able to articulate various interpretations of written documents or literature and other pieces of writing (critical thinking).
2. Students will be able to locate and document secondary sources (critical thinking).
3. Students will be able to write clear and convincing arguments (performance).
4. Students will be able to show original thought through their writing (creativity).
5. Students will be able to analyze and discuss literature with a strong understanding of the social, historical, and cultural influences on the text (social responsibility).

English (MA)

1. Students will be able to apply multiple critical perspectives, including theories related to the representation of culture, race, class, gender, and sexuality, toward a variety of texts. (critical thinking).
2. Students will be able to produce professional quality essays suitable to conference presentation and/or publication. Assumed here is the ability to do original research in the fields of languages and literature. (performance).
3. Students will be able to employ a variety of interpretive strategies for analyzing multiple kinds of texts, including close reading, contextual analysis, analysis of form and genre, and rhetorical analysis. (critical thinking).
4. Students will be able to use standard reference tools, methods, and forms of documentation used in scholarly research (critical thinking).
5. Students will be able to possess the skills to participate in the professional life of the discipline as scholars, teachers, editors, and/or writers (performance).

TESOL MA

1. Students will be able to demonstrate their understanding of the structure of the English language (phonology, morphology, syntax, semantics, pragmatics, and discourse) in its multiple contexts (critical thinking).
2. Students will be able to demonstrate their ability to apply ESL/EFL theory to their teaching practice (critical thinking).
3. Students will be able to demonstrate their ability to create, deliver, and assess lesson and course plans for ESL/EFL environments that are attuned to the needs of their learner(s) (performance).
4. Students will be able to demonstrate their knowledge of second language acquisition and the development of bilingualism/multilingualism and their effects on language learning and teaching (critical thinking);
5. Students will be able to demonstrate their ability to express thoughts written and orally and to synthesize information as expected in the discipline (performance, critical thinking).

Experience Design

1. Students will be able to conduct appropriate research for Experience Design projects using a variety of types of sources.
2. Students will be able to demonstrate understanding of Experiential Learning

through the appropriate integration of concepts and methods into specific projects.

3. Students will be able to understand and accurately apply the vocabulary, theories, and methods of Experience Design professionals.
4. Students will be able to define and implement the necessary logistics connected with event design and management.
5. Students will be able to demonstrate ability to work as a member of a project team or as a project manager.

History & Political Science

History

1. Students will be able to identify important historical trends, themes, and individuals.
2. Students will be able to explain cause and effect in historical context.
3. Students will be able to employ evidence to support written historical argument.
4. Students will be able to identify and contrast competing historical interpretations and arguments.
5. Students will be able to understand different cultures, beliefs, and perspectives and how they have changed over time.

International Relations

1. Students will be able to analyze and explain ideas using reasoning and empirical evidence.
2. Students will be able to apply current political science knowledge to analyze a contemporary issue.
3. Students will be able to explain how individuals, groups and institutions interact politically at local and global levels.
4. Students will be able to compare social, cultural and political systems.
5. Learning Objectives: Major Specific

Political Science

1. Based on Social Science core objectives.
2. Students will be able to analyze and explain ideas using reasoning and empirical evidence.
3. Students will be able to apply current political science knowledge to analyze a contemporary issue.
4. Students will be able to explain how individuals, groups and institutions interact politically at local and global levels.
5. Students will be able to compare social, cultural and political systems.

International Relations (MA)

1. Students will have a good grasp of international relations theory and research methods.
2. Students will demonstrate a broad understanding of the political, social, and economic evolution of the international system in the twentieth century.
3. Students will demonstrate an understanding of the relative political and economic power of states, the role of regional and international organizations, and the existence and resolution of conflict.
4. Students will demonstrate an understanding of the similarities and differences in political systems and economies.
5. Students will demonstrate the knowledge and skills needed to become competent professionals in a variety of employment settings—diplomacy, government agencies, multinational corporations, research institutions, NGOs and international organizations.

Interdisciplinary

DIGI Digital Media Studies

1. Students will demonstrate knowledge regarding content, design, and software development, as applicable to digital media studies.
2. Students will develop the knowledge in research, writing, design, coding, and production that is critical for interactive design and editing, web and app development, or other digital media.
3. Students will be able to evaluate critically the texts, images, and sounds comprising digital media visually, orally and in writing.
4. Students will be able to conceptualize and implement a variety of media designs, with emphasis on creative problem-solving techniques to deliver digital media objects.
5. Students will develop discipline-specific skills to prepare them for careers directly associated with media analysis and production.

SPA Social Practice Art

1. Students will be able to demonstrate a broad knowledge of the history, context, methods and practice of socially engaged art and creative place-making.
2. Students will be able to demonstrate a solid understanding of the basic principles of entrepreneurship within the general context of socially engaged art and creative place-making.
3. Students will be able to demonstrate a solid understanding of the history and theory of community engagement and economic development in working with community members, local government, and other entities.
4. Students will be able to reflect cogently on their hands-on-experiences gained through the practice of site-specific, public works.
5. Students will be able to create an independent and self-defined project relevant to their artistic discipline in social practice art or creative place-making.

SUST Environmental Sustainability

1. Students will be able to identify sustainable alternatives to conventional social, economic, and scientific practices that deplete or harm natural resources so that humans can meet current needs without compromising future generations (humans and other inhabitants of Earth).
2. Students will be able to explain how economic interests work through political systems and the media to block or modify the elimination of unsustainable human practices and adoption of sustainable practices.
3. Students will be able to explain how environmental sustainability issues such as population growth, pollution, resource use, and agriculture are addressed from at least three disciplinary perspectives.
4. Students will be able to explain why vulnerable and disempowered populations are more commonly exposed to pollutants, unsafe housing, and unhealthy food in the developing and developed world.
5. Students will be able to identify and explain the mission/purpose, values, and strategies of an organization working toward more sustainable human practices that students find inspiring.
6. Students will be able to express their appreciation for natural or built environments or their concerns about unsustainable practices and the destruction of ecosystems through an understanding of artistic medium (stories, poetry, song, or visual art).
7. Students will be able to communicate effectively in writing and speech about sustainable and unsustainable practices.

Liberal Arts Studies

1. Students will demonstrate progressive critical thinking skills garnered from studies in the areas of history, languages and literatures, the natural and social sciences, and religion, philosophy and ethics through projects and assignments, which show advanced verbal effectiveness in explaining, contrasting, and assess-

ing issues pertinent to the above named fields.

2. Students will demonstrate a high level of creativity through projects and assignments which showcase the successful actualization and interpretation of concepts, procedures, and principles, pertinent to (or arising from the interplay of related issues in) the above-named fields.
3. Students will select appropriate procedures and/or strategies needed to obtain solutions to existing or arising societal needs while showing sensitivity to individual and cultural differences.
4. Students will develop a strong commitment to respond to the dynamics of issues arising in and between local and global communities through the integration of two interrelated fields.
5. Students will demonstrate adaptive and synthesizing skills to meet novel requirements in the classroom (such as in capstone seminars) and in civic life.

Mathematics & Computer Science

Actuarial Science

1. Students will be able to demonstrate an understanding of mathematical and statistical principles and theories used to quantify risk.
2. Students will be able to demonstrate a working knowledge of the basic concepts of economics and finance.
3. Students will be able to analyze and solve problems in probability and mathematical statistics relevant to the study of actuarial science.
4. Students will be able to analyze and solve problems in mathematical finance.
5. Students will be able to analyze and solve problems involving the construction and evaluation of actuarial models.

Computer Science

1. Students will be able to write computer programs using the C++ programming language.
2. Students will be able to program using object-oriented features (classes, objects, etc.).
3. Students will be able to exhibit an understanding of the hardware/software/architecture of a computer and the interactions between their components.
4. Students will be able to create and modify a database and to develop complex queries to extract specific information from a database.
5. Students will be able to write computer programs performing different tasks on a computer network.

DATA Data Science

1. Identify data requirements for the support of various kinds of decisions.
2. Pose questions and devise test conjectures when presented with large or complex data sets or other mathematical information.
3. Identify appropriate types of mathematical or statistical models that support decisions for a variety of types of large or complex data sets.
4. Develop appropriate mathematical or statistical models and use or create software for a variety of types of data sets that support decisions.
5. Write clear, concise documentation for mathematical and statistical models and the supporting software. The documentation must be at a level that is easy for the intended user to understand.

Mathematics and Math Teaching

1. Students will be able to analyze and solve mathematical problems.
2. Students will be able to pose questions and devise test conjectures when presented with data or other mathematical information.
3. Students will be able to read mathematics with understanding.
4. Students will be able to communicate mathematical ideas clearly and coherently orally and in writing.

5. Students will be able to identify applications of mathematics and its connections to other disciplines.

Modern Languages

German/French/Spanish

1. Students will be able to speak proficiently in the target language (French/German/Spanish) by formulating complete sentences using appropriate grammar, vocabulary, and register.
2. Students will be able to compose accurately written documents in the target language (French/German/Spanish) in a variety of contexts and language registers.
3. Students will be able to listen to, accurately interpret, and respond to verbal cues and discussions in the target language (French/German/Spanish) in a variety of contexts and language registers.
4. Students will be able to interpret and synthesize texts of various length and complexities in the target language (French/German/Spanish).
5. Students will be able to articulate an appreciation of foreign cultures, particularly where the target language is spoken (French/German/Spanish); appropriately and thoughtfully negotiate unfamiliar situations according to cultural norms and practices; express awareness of and sensitivity to cultural products and events.

Music

BA in Music

1. Students will be able to demonstrate a basic understanding of the harmonic structure of music and be able to provide harmonic support on the keyboard for a simple melody.
2. Students will be able to effectively navigate a musical score on sight.
3. Students will be able to present work of creative integrity and excellence on a primary applied instrument.
4. Students will be able to professionally present their career aspirations and strategic plans to others through writing, public speaking and electronic media.
5. Students will be able to comprehend music from various style and time periods and in turn, speak and write effectively about what they have heard. .

Performance

1. Performance graduates should have the ability to prepare for public performance in a way that ensures compelling results based on a thorough understanding of historical styles.
2. Performance graduates should have the curiosity to explore important contributions to the repertoire outside of the “Bach to Bartok” mainstream traditions.
3. Performance graduates should come to a thorough understanding of the structure and materials of music in tonal, freely tonal, and nontonal contexts.
4. Performance majors should begin to grasp the writings of important musical thinkers of our own time and also of the past, and to use those insights as a basis for their own informed opinions.
5. Performance majors should be able to write confidently about the music they choose to perform and to speak persuasively about music when the situation warrants.

Education

1. Students should be able to prepare and implement a lesson plan for K-12 General Music that demonstrates an understanding of curricular issues and that is aligned with the National and State Music Education Standards.
2. Students should be able to prepare and implement a lesson plan for 5-12 Choral or Instrumental ensembles that demonstrates an understanding of curricular issues and that is aligned with the National and State Music Education Standards.
3. Students should be able to select, analyze, prepare, rehearse, and conduct choral

or instrumental solo or ensemble repertoire in preparation for conducting, rehearsal, and performance episodes.

4. Students should be able to evaluate general, choral or instrumental music teaching episodes that are directed toward the understanding and development of musicianship skills.
5. Students should be able to communicate effectively and work collaboratively with students, fellow teachers and colleagues, administrators, parents, and outside agencies to positively impact the success of students' learning and well-being and to advocate for quality arts in all walks of life.

Concentration in Music Business

1. Graduates will be able to effectively verbally communicate a business plan to a potential employer, donor, or public official.
2. Graduates will be able to prepare a budget for a music business start up or project.
3. Graduates will be able to prepare a marketing plan for a new project or business.
4. Graduates will be able to research and write a sample grant proposal.
5. Graduates will be able to write a mission statement for a music business start up or project.

Concentration in Theory Composition

1. Students will be able to demonstrate understanding of the harmonic structure of music from different periods and styles.
2. Students will be able to present a body of creative work covering a range of media and expression.
3. Students can demonstrate fluency in reading, interpreting and working with musical scores for large ensemble works.
4. Students can demonstrate ability to communicate clearly about music in written and oral expression. They can produce work that demonstrates advanced and independent analysis and interpretation of music literature.
5. Students can demonstrate responsibility to colleagues and entrepreneurial and leadership ability.

Concentration in Technology & Recording

1. Technology students will learn to evaluate the fidelity of an audio signal for the purpose of maximizing signal strength and minimizing distortion.
2. Technology students will be able to compare aural information with musical score for the purpose of detecting performance and correcting discrepancies.
3. Technology students will learn to achieve a well-balanced blend of instruments and vocals to create a natural recorded image of a variety of ensembles in a variety of genre.
4. Technology students will learn fundamentals of editing and sound manipulation of a digital audio workstation that runs Pro Tools®.
5. Technology students will learn production skills in conjunction with technical engineering skills.

Concentration in Jazz Studies

1. Students will become aware of the connection of contemporary Jazz to its predecessors.
2. Students will have the ability to teach the various aspects of jazz in a clear and organized way.
3. Students will demonstrate an understanding of the principles of jazz arranging.
4. Students will transcribe several improvised solos and analyze them based on knowledge from previous jazz courses.
5. Students will demonstrate all of the previous Learning Objectives by selecting, transcribing, and performing music from the jazz idiom.

Concentration in Church Music

1. Students will be able to demonstrate competency in playing hymns, anthems, psalms, other liturgical music.
2. Students will be able to demonstrate competency as choral conductors.
3. Students will be able to demonstrate knowledge about different liturgical practices in all denominations of Christian churches.
4. Students will be able to show a rudimentary understanding about administrative and working environments of church music programs.
5. Students will be able to show they are well rounded church musicians, have knowledge of voice, Baroque practices, handbells, and other areas connected with church music.

Philosophy & Religion

Philosophy

1. Students will be able to identify arguments and their components.
2. Students will be able to recognize/employ/evaluate inductive reasoning.
3. Students will be able to recognize/employ/evaluate deductive reasoning.
4. Students will be able to read and analyze classic philosophical texts.
5. Students will be able to apply ethical standards (e.g. utilitarianism, virtue theory) to moral problems.
6. Students will be able to demonstrate knowledge of classic and contemporary issues and positions in ethics, political philosophy, and social philosophy.
7. Students will be able to demonstrate an appreciation, and commitment, to values (e.g. aesthetic values, moral values, political values, methodological values).

Religion

1. Students will demonstrate content knowledge in, Bible, Theology/Ethics, Church History, and Youth Ministry (YM concentration only).
2. Students should be able to demonstrate ability to use primary sources and appropriate secondary sources for research.
3. Students should be able to translate Greek New Testament texts (Ancient Greek concentration only) .
4. Students should be able to apply historical, theological, and literary perspectives to biblical texts.
5. Students should be able to explain classic theological issues and their historical contexts.
6. Students should be able to reflect critically on ministry practices (YM concentration only).

Physics & Earth Space Sciences

Physics

1. Graduates will be able to apply the core physics concepts from classical mechanics, electromagnetic fields, statistical mechanics and quantum mechanics to real world situations as demonstrated in multiple independent research projects executed in their senior year.
2. Graduates of this major will be able to integrate analytical and computational techniques to solve problems using the core physics concepts. At least one senior research project must involved extensive analytical or computational work.
3. Graduates of this major will be able to use experimental techniques to help them verify, evaluate and investigate phenomena both inside and outside the field of physics. At least one senior research project must involved extensive experimental investigation with thorough planning, evaluation and analysis based on sound design principles.
4. Graduates of this major will be able to communicate their knowledge and understand of physics both in written and oral formats. At least one senior research project must be presented orally for a group of evaluators (e.g., a research meet-

ing or conference). At least one project must produce a written report in a form that would be suitable for publication.

5. Graduates of this major will be able to use self-reflection and team feedback to identify areas of strengths and areas that need improvement.

Physics-ENSC

1. Students will be able to develop a scientific research design and employ basic reasoning skills test a hypothesis by collecting and analyzing empirical data.
2. Students will demonstrate a clear understanding of core concepts from various scientific fields including biology, ecology, geology, and chemistry.
3. Students will be able to integrate natural science and social science principles pertaining to the environment and sustainability.
4. Students will be able to communicate the results of scientific experiments in both oral and written formats and to audiences composed of both scientists and the public.
5. Students will be able to isolate and identify environmental problems and apply scientific principles to formulate a solution.

Earth/Space Science

1. Students will be able to apply core concepts derived from the Theory of Plate Tectonics to the interpretation of Earth processes.
2. Students will be able to read, interpret, create, and analyze maps in a variety of formats, including computerized mapping programs and GIS.
3. Students will be able to apply core concepts from various Earth science fields (e.g., geology, meteorology, astronomy) to explain Earth and space phenomena.
4. Students will demonstrate a clear understanding of the scientific method, the history of science, and the difference between science and non-science.
5. Students will be able to develop a scientific research design and employ basic reasoning skills test a hypothesis by collecting and analyzing empirical data.

Sociology & Criminal Justice

Sociology

1. Students will be able to formulate researchable questions and reasonable answers supported by appropriate evidence.
2. Students will be able to identify the general strengths and weaknesses of sources and different forms of evidence.
3. Students will be able to articulate central social issues from the perspectives of different social groups.
4. Students will be able to speak and write in a manner that is thoughtful, clear, and well organized.
5. Students will be able to demonstrate a good understanding of ethical action in professional settings and research projects.

M.A. in Applied Sociology

1. Students will be able to design and carry out original research.
2. Students will be able to apply sociological concepts to real world situations.
3. Students will be able to demonstrate ethical practice in professional settings, such as gaining CITI certification, successfully completing a practicum, and/or presenting a paper at professional conferences.
4. Students will be able to contribute responsibly and ethically to the success of a team endeavor focused on applying sociology in real world settings.
5. Students will be able to demonstrate the ability to write and speak in a professionally appropriate fashion, as evidenced in presentations at academic conferences or campus/public meetings, thesis writing, and/or practicum experiences.

Criminal Justice

1. Students will be able to identify prospective employers within the criminal justice field, identify which agencies best match their individual skills and interests,

and maintain appropriate documentation needed for employment (such as a resume).

2. Students will be able to describe the role of evidence-based practice in contemporary Criminal Justice.
3. Students will be able to demonstrate commitment to and practice of civic engagement.
4. Students will be able demonstrate knowledge of ethics in professional criminal justice research.
5. Students will be able to explain how multicultural and diversity present special challenges to, and opportunities for, the American Criminal Justice System.

Social Work

1. Graduates of social work will be able to apply and use critical thinking skills within the context of professional social work practice.
2. Graduates of social work will be able to engage in practice with an appreciation of, understanding of, and respect for the positive value of human diversity in many contexts.
3. Graduates of social work will be able to understand the forms and mechanisms of political, economic, and social oppression and discrimination, and apply professional strategies and skills for change that advance social and economic justice.
4. Graduates of social work will be able to demonstrate social work values, commitment to service and ethics for professional practice.
5. Graduates of social work will be able to develop and demonstrate the professional use of self, and commitment to professional development and life-long learning.

Theatre

Education

1. Students will demonstrate an understanding of how plays function and how productions are mounted.
2. Students will be able to articulate an understanding of theatre history and vocabulary specific to the discipline.
3. Students will be able to analyze scripts and research dramatic styles, periods, and trends in the profession.
4. Students will be able to demonstrate the ability to create a viable theatrical character and design through the implementation of bold and interesting choices.
5. Students will be able to demonstrate control of, and facility with, the voice, body, and imagination through performance.
6. Students will be able to demonstrate the ability to create a viable theatrical design through the implementation of bold and interesting choices.
7. Students will be able to demonstrate an understanding of, and facility with, theatre technology and software.

Design/Technical Track

1. Students will be able to demonstrate an understanding of how plays function and how productions are mounted.
2. Students will be able to articulate an understanding of theatre history and vocabulary specific to the discipline.
3. Students will be able to analyze scripts and research dramatic styles, periods, and trends in the profession.
4. Students will be able to demonstrate the ability to create a viable theatrical design through the implementation of “specific,” bold, and interesting choices.
5. Students will be able to demonstrate an understanding of, and facility with, theatre technology and software.

Music/Theatre Concentration

1. Students will be able to demonstrate an understanding of how plays function

and how productions are mounted.

2. Students will be able to articulate an understanding of theatre history and vocabulary specific to the discipline
3. Students will be able to analyze scripts and research dramatic styles, periods, and trends in the profession.
4. Students will be able to demonstrate the ability to create a viable theatrical character through the implementation of “specific,” bold, and interesting choices.
5. Students will be able to demonstrate control of, and facility with, the voice, body, and imagination through performance.

Performing/Directing Track

1. Students will be able to demonstrate an understanding of how plays function and how productions are mounted.
2. Students will be able to articulate an understanding of theatre history and vocabulary specific to the discipline.
3. Students will be able to analyze scripts and research dramatic styles, periods, and trends in the profession.
4. Students will be able to demonstrate the ability to create a viable theatrical character through the implementation of “specific,” bold, and interesting choices.
5. Students will be able to demonstrate control of, and facility with, the voice, body, and imagination through performance.

SCHOOL FOR ADULT LEARNING

Community Leadership & Engagement (BS)

1. Students will be able to describe fundamental concepts related to the systemic nature of how communities work.
2. Students will be able to apply techniques for inquiry and listening for understanding, using communication strategies relevant to diverse audiences.
3. Students will be able to describe and demonstrate competency in design thinking methodologies to stimulate innovation in group settings.
4. Students will be able to apply course principles to develop a funding proposal and related budget and evaluation documents
5. Students will be able to evaluate effectiveness of various tools and methodologies for community based research and data collection.

Digital Media Management (BS)

1. Students will be able to engage at the intermediate level of proficiency and application in business-to-business (B2B) digital media marketing concepts and principles.
2. Students will be able to articulate core strategies, workflow, governance, advocacy, and related issues in the field of content management and content management systems.
3. Students will be able to develop a measurement strategy for assessing reputation management, brand awareness, lead generation, and scoring using various tools for collecting metrics.
4. Students will be able to explain and apply intellectual property law, Internet regulations, freedom of expression, defamation, ethics, etiquette, and other issues that apply to the use of social and digital media in the online business and marketing environment.

Emergency and Disaster Management (BS)

1. Students will be able to develop and maintain a system by which to remain current in federal, state, and local regulations affecting emergency plans and ensure that plans adhere to these regulations.
2. Students will be able to propose alteration of emergency response procedures based on regulatory changes, technological changes, and/or knowledge gained from outcomes of previous emergency situations.

3. Students will be able to coordinate disaster response or crisis management activities, such as ordering evacuations, opening public shelters, and implementing special needs plans and programs.
4. Students will be able to review emergency plans of individual organizations, such as medical facilities, to ensure their adequacy.

Health Care and Consumer Advocacy (BS)

1. Students will be able to identify the unique characteristics of various health care settings and community resource organizations and how each contributes to the health of the community.
2. Students will be able to recognize assets and costs of varying health delivery and payment models.
3. Students will be able, through the use of effective listening and communication skills, to develop a plan for supporting a health care consumer through the various transitions necessary for effective, personalized, and individualized health care.
4. Students will be able to advocate effectively for a client's needs across a range of provider and resource entities.

Liberal Studies (BS)

1. Students will be able to define, understand, and apply the four dimensions of social responsibility to their lives and the world around them.
2. Students will be able to define, understand, and apply the skills of critical thinking to their lives and the world around them.
3. Students will be able to define, understand, and apply the skills of creativity to their lives and the world around them.
4. Students will be able to write, speak, and compute according to the standards established in the School for Adult Learning.

Organizational Leadership (BS)

1. Students will be able to demonstrate competence in reading, writing, speaking and listening in their personal and professional lives.
2. Students will be able to define, apply, and evaluate theories of leadership.
3. Students will be able to examine and evaluate the characteristics of behaviors of credible and ethical leadership using the four dimensions of social responsibility as criteria for evaluation.
4. Students will be able to critically analyze, interpret, apply, and evaluate data. Additionally, students take a norm-referenced critical thinking assessment in their Return to Learning Class as a pre-test and in their Capstone Course as a post-test.
5. Students will be able to design and implement a change process and evaluate the results.
6. Students will be able to strategically plan, implement, and evaluate organizational performance.

Strategic Leadership & Design (MS)

1. Students will be able to explain the systems within an organization from an operational perspective and investigate strategic design as it relates to these systems.
2. Students will be able to conduct a cultural assessment to determine whether an organization is a learning organization and how it addresses change.
3. Students will be able to determine the relationship between leadership and performance appraisal by designing a performance appraisal model, developing a competency-based training model, designing rubrics for performance appraisal, and developing an effective feedback model.
4. Students will be able to determine a substantive diagnosis and analysis of a problem and its potential resolution by using quantitative and qualitative analyses, conducting an environmental scan, and designing, planning, implementing, and evaluating change.
5. Students will be able to engage in lateral and parallel thinking through examin-

Master of Professional Studies
in Real Estate Design and
Construction Management

ing the differences between strategy and leadership, researching and developing tools for analyses, examining industry advantages and disadvantages, and forecasting trends in strategic leadership.

1. Students will be able to investigate and reflect upon the moral and ethical responsibilities of behavior, action, practice, and belief systems within an organization.
2. Students will be able to analyze the financial viability of real estate opportunities, utilizing such information as the state of the markets, return and leverage on investments, and relationships between real estate and capital markets.
3. Students will be able to take the Building Design and Construction exams housed within the National Council of Architectural Registration Boards.
4. Students will be able to negotiate and evaluate contracts, including such areas as risk management, regulatory compliance, insurance, legislation, and conflict resolution.
5. Students will be able to engage in one of the following capstone projects: (1) Critical Problem Solving; (2) Contribution to Industry Practice; or (3) Participation in a Field Experience.

Masters of Professional Studies
in Human Performance Development
and Administration

1. Students will be able to investigate and reflect upon the moral and ethical responsibilities of behavior, action, practice, and belief systems within an organization.
2. Students will be able to demonstrate the ability to develop human potential (capability building), determine and alleviate performance gaps, mentor and provide cognitive coaching, and determine the hierarchy of human needs.
3. Students will be able to determine the functional operations needed and develop a budget with these operations at the center of the budget.
4. Students will be able to examine labor relations and negotiation issues, labor laws, collective bargaining, federal and state legislation, union structures, contracts, work stoppage issues, grievance processes, and conflict resolution.
5. Students will be able to engage in one of the following capstone projects: 1) Critical Problem Solving; 2) Contribution to Industry Practice; or 2) Participation in a Field Experience.

SCHOOL OF BUSINESS

Accounting

1. Students will be able to articulate assumptions and reasoning associated with the application of existing rules to a given problem. (Using resources).
2. Students will be able to consider the pros/cons of alternative contents and formats in preparing reports. (Reporting).
3. Students will be able to consider the role of moral courage and ethics as they pertain to accounting. (Ethics and life-long learning).
4. Students will be able to accept suggestions and guidance of team leaders and other members. (Teamwork).
5. Students will be able to link data, knowledge, and insights together in the decision making process. (Decision making and problem solving).

Business Administration

1. Students will be able to demonstrate knowledge of management and leadership theories.
2. Students will be able to examine, interpret, and apply qualitative and quantitative data and research knowledge to address complex problems.
3. Students will be able to show evidence of logic-based problem solving, analysis-based decision making, strategic thinking, and application of business theory to solving practical management problems.
4. Students will be able to produce creative business solutions.

Business Education	<ol style="list-style-type: none"> 5. Students will be able to identify accepted ethical business standards. <ol style="list-style-type: none"> 1. Students will be able to demonstrate in-depth content knowledge. 2. Students will be able to implement processes of the discipline. 3. Students will be able to design and implement instruction to meet the needs of diverse students, e.g., special education, English language learners, culturally responsive practice. 4. Students will be able to assess, analyze, and use student data to guide instruction. 5. Students will be able to reflect critically on performances of others and self for the purpose of improvement.
Economics	<ol style="list-style-type: none"> 1. Students will be able to demonstrate the ability to use and understand the basic vocabulary of economics. 2. Students will be able to demonstrate a basic understanding of macroeconomic and microeconomic theory. 3. Students will be able to discuss monetary and fiscal policies used to improve macroeconomic performance. 4. Students will be able to use quantitative tools to assist with problem solving and decision making. 5. Students will be able to present a coherent, logical economic argument orally or in writing.
Entrepreneurship	<ol style="list-style-type: none"> 1. Students will be able to demonstrate a fundamental comprehension of business opportunity evaluation, from the perspective of a prospective investor. 2. Students will be able to identify the most recognized sources of potential funding and financing for business start-ups and/or expansion. 3. Students will be able to demonstrate basic computer proficiency, including the use of word processing, presentation, and spreadsheet software packages, as well as a basic facility with the internet and other research tools. 4. Students will be able to demonstrate extemporaneous speaking skills developed through in-class discussion of text materials, case study analyses, and current entrepreneurship-related issues. 5. Students will be able to assess their own personal work product(s) - and critique those of their colleagues - with regard to thoroughness, creativity and how those could apply to their own real life, future business ventures.
Finance	<ol style="list-style-type: none"> 1. Students will be able to identify value maximizing alternatives and be able to make decisions which maximize value (asset pricing). 2. Students will be able to use financial statements to determine the financial condition of an organization (asset pricing). 3. Students will be able to identify the relative efficiency of capital markets and the impact of the agency problem on market efficiency (capital market). 4. Students will be able to describe the role of financial intermediaries, investors, regulators, and users of capital (capital market). 5. Students will be able to quantify risk and the opportunity cost of capital (risk management). 6. Students will be able to measure the impact of using specific securities in various risk management strategies (risk management).
Human Resources	<ol style="list-style-type: none"> 1. Students will be able to synthesize the role of human resources management as it supports the success of the organization including the effective development of human capital as an agent for organizational change.

2. Students will be able to demonstrate knowledge of laws that impact behavior in relationships between employers and employees that ultimately impact the goals and strategies of the organization.
3. Students will be able to understand the role of employee benefits and compensation as a critical component of employee performance, productivity and organizational effectiveness.
4. Students will be able to show evidence of the ability to analyze, manage and problem solve to deal with the challenges and complexities of the practice of collective bargaining.
5. Students will be able to demonstrate knowledge of practical application of training and employee development as it impacts organizational strategy and competitive advantage.

Information Systems

1. Students will be able to identify and design opportunities for IT-enabled organizational improvement.
2. Students will be able to analyze trade-offs.
3. Students will be able to design and implement information systems solutions.
4. Students will be able to write memos, reports, and documentation.
5. Students will be able to work effectively in diverse teams.

Information Systems & Applied Business Analytics

1. Students will be able to apply the analytics spectrum of various types of analytics and know which type correlates to specific analytics techniques.
2. Students will be able to apply the CRISP-DM analytics process methodology to an analytics project.
3. Students will be able to understand and apply the concepts of measures versus dimensions as associated with an analytics project.
4. Students will be able to understand and apply the generalized simulation modeling process.
5. Students will be able to understand apply the general process to analyze unstructured data (i.e., text analysis).

International Business

1. Students will be able to demonstrate an understanding of how culture impacts international business.
2. Students will be able to demonstrate an understanding of how economics around the world impacts international business,
3. Students will be able to demonstrate an understanding of how political issues around the world impact international business.
4. Students will be able to demonstrate knowledge of top international companies.
5. Students will be able to demonstrate the ability to speak and comprehend a second language.

Marketing

1. Students will be able to explain concepts related to the marketing mix of product, price, place, promotion and the contribution of each to an organization.
2. Students will be able to recognize the competitive and other external forces which impact an organization's ability to execute a marketing plan.
3. Students will be able to demonstrate knowledge of and experience with the marketing planning process and experience with data analysis for decision making purposes.
4. Students will be able to show evidence of the ability to apply marketing theory in solving practical marketing problems.
5. Students will be able to recognize political, legal, economical, and cultural forces which impact marketing around the world.

Sports Marketing

1. Students will be able to explain how marketing concepts related to the market-

ing mix (product, price, place and promotion) apply to sports-related settings.

2. Students will be able to identify characteristics related to sports marketing promotion mix and recommend promotional strategies for the marketing of sports organizations.
3. Students will be able to identify and use or implement the marketing research resources necessary to successfully evaluate the viability of a target market segment or any other aspect of the marketing mix.
4. Students will be able to develop and present a proposal for the sponsorship of a sports-related sponsorship property (e.g., league, team, or athlete).
5. Students will be able to understand the personal selling process and demonstrate an ability to apply the personal selling process to a sports setting.

Supply Chain

1. Students will be able to demonstrate a working knowledge of the tools and terminology associated with manufacturing and service organizations.
2. Students will be able to demonstrate a working knowledge of distribution and logistics concepts, tools, and management practices.
3. Students will be able to demonstrate a working knowledge of project management terminology and management techniques.
4. Students will be able to demonstrate a working knowledge of quality management terminology, practices, and tools.
5. Students will be able to demonstrate a working knowledge of purchasing and supplier relationship management terminology and practices.

Master of Business Administration

1. Students will be able to perform ratio analysis, develop cash flow statements, and apply accounting principles to the management of organizations.
2. Students will be able to understand the management and leadership of organizations.
3. Students will be able to demonstrate knowledge of marketing plans, market segmentation, 4 Ps and distribution.
4. Students will be able to understand Porter's 5 forces in the development of strategic plans, and implementation in an environment of change.
5. Students will be able to understand how capital markets functions and be able to apply analysis to valuation of assets and capital structure.

SCHOOL OF EDUCATION

Elementary, Master's in Teaching, Woodrow Wilson Teaching Fellowship

1. Students will be able to demonstrate in-depth content knowledge. (3-Lesson Sequence, Junior year; Exit from Program Portfolio; ST classroom performance).
2. Students will be able to implement processes of the discipline ("best practices" in content area) in field/student teaching. (3-Lesson Sequence, Junior year; Exit from Program Portfolio; ST classroom performance).
3. Students will be able to design and implement instruction to meet the needs of diverse students, e.g., special education, English language learners, culturally responsive practice. (3-Lesson Sequence, Junior year; Exit from Program Portfolio; ST classroom performance).
4. Students will be able to assess, analyze, and use student data to guide instruction. (3-Lesson Sequence, Junior year; Exit from Program Portfolio; ST classroom performance).
5. Students will be able to reflect critically on performances of others and self for the purpose of improvement. (3-Lesson Sequence, Junior year; Exit from Program Portfolio; ST classroom performance).

Master's in Educational Leadership

1. Students will demonstrate content mastery of building leadership knowledge,

skills, and values.

2. Students will demonstrate culturally proficient leadership practices.
3. Students will use data and instructional knowledge to lead continuous school improvement and student achievement.
4. Students will collaborate with families and community members, respond to diverse community interests and needs, and mobilize community resources to improve student learning.
5. Students will understand and promote the most effective and appropriate technologies to support teaching and learning in a school-level environment.

SCHOOL OF NURSING

Bachelor of Science

1. Students will be able to synthesize knowledge from physical and social sciences, humanities, and nursing science (including theory and research) as a basis for nursing practice.
2. Students will be able to demonstrate intellectual curiosity, scientific inquiry, and critical thinking skills in the practice of nursing.
3. Students will be able to utilize the nursing process to provide care to health care recipients who experience a wide range of health concerns.
4. Students will be able to communicate effectively with health care recipients and other members of the health care team.
5. Students will be able to demonstrate responsibility for continued personal and professional growth.

Registered Nurse/Bachelor of Science

1. Students will be able to integrate knowledge of the holistic nature of human response in providing optimal care for health care recipients across the lifespan (critical thinking).
2. Students will be able to demonstrate intellectual curiosity, scientific inquiry, and critical thinking skills in the practice of nursing (performance).
3. Students will be able to provide leadership by coordinating and managing human, fiscal, and material resources to achieve quality health care outcomes (creativity).
4. Students will be able to practice nursing care using a culturally competent framework (social responsibility).
5. Students will be able to collaborate with health care recipients, colleagues, and other health care providers to achieve optimal health outcomes (critical thinking).

Master of Science

1. Students will be able to demonstrate competence in expanded nursing roles as per national curriculum guidelines for the individual specialty tracks.
2. Students will be able to use leadership skills to deliver health care in an increasingly complex and rapidly changing health care environment.
3. Students will be able to integrate knowledge of political, social, economic, legal and ethical theories in decision making within the advanced practice nursing role.
4. Students will be able to demonstrate a commitment to the advancement of professional nursing.
5. Students will be able to participate in evidence-based research with application to the selected specialty track.

SCHOOL OF PSYCHOLOGICAL SCIENCES

Undergraduate

1. Students will be able to recognize the influence of individual and group differences on experience and behavior.
2. Students will be able to evaluate the appropriateness of conclusions derived from psychological research.
3. Students will be able to describe areas of psychology as they relate to my career and educational pathways.
4. Students will be able to demonstrate knowledge and understanding in the core domains of psychology (e.g. biological foundations of behavior, learning and cognition, individual and group similarities and differences, lifespan development).
5. Students will be able to select and apply appropriate psychological principles, integrating multiple concepts as necessary, to everyday life.
6. Students will be able to communicate effectively in multiple formats.

MA Clinical

1. Graduates of the program will recognize and address ethical dilemmas and develop a professional identity as a Master's level clinician.
2. Graduates of the program will demonstrate a mastery of knowledge pertaining to the basic tenets biological aspects of behavior, cognitive and affective aspects of behavior, social aspects of behavior, history and systems of psychology, and developmental processes across the lifespan.
3. Graduates of the program will demonstrate mastery of theory related to intervention and apply psychotherapeutic interventions.
4. Graduates of the program will demonstrate skills related to psychological assessment and diagnosis.
5. Graduates of the program will demonstrate an understanding of diversity and tailor interventions to diverse populations.
6. Graduates of the program will demonstrate skills in research methodology and statistics and will be able to design and evaluate research studies.

PsyD Clinical

1. Graduates of the program will be able to recognize and address ethical dilemmas and develop a professional identity as a Clinical Psychologist.
2. Graduates of the program will demonstrate a mastery of knowledge pertaining to the basic tenets biological aspects of behavior, cognitive and affective aspects of behavior, social aspects of behavior, history and systems of psychology, and developmental processes across the lifespan.
3. Graduates of the program will demonstrate mastery of theory related to intervention, apply psychotherapeutic interventions, and gain experience with outcome evaluation.
4. Graduates of the program will demonstrate skills related to psychological assessment and diagnosis.
5. Graduates of the program will demonstrate skills in research methodology and statistics and will be able to design, evaluate, and implement research studies.
6. Graduates of the program will demonstrate workplace skills performed by a psychologist apart from that of therapist and assessor to best prepare them for a complex workplace environment.
7. Graduates of the program will demonstrate an understanding of diversity and tailor interventions to diverse populations.

HEALTH SCIENCES

Master of Health Science

1. Students will be able to critically appraise research to evaluate level of evidence supporting best clinical practice.
2. Students will be able to create qualitative and quantitative research study designs/proposals.

3. Students will be able to evaluate and synthesize legal and ethical considerations for clinical practice.
4. Students will be able to integrate contemporary practice principles to enhance personal clinical practice skills.
5. Students will be able to create a professional development plan for enhancing clinical competency including a personal vision, philosophy, mission and goals.

Doctor of Health Science

1. Students will be able to design and implement a research study or scholarly project.
2. Students will be able to contribute to the transformation of knowledge within one's discipline through dissemination of individual research or scholarly project.
3. Students will be able to implement a professional development plan including improved leadership and advocacy within one's profession.
4. Students will be able to integrate designated major and or minor content from their doctoral degree plan into personal practice.

Athletic Training

1. Students will be able to demonstrate knowledge in the field of athletic training.
2. Students will be able to demonstrate the use of reason and problem-solving skills for competent professional practice.
3. Students will be able to demonstrate the ability to interpret and implement Evidence Based Practice.
4. Students will be able to demonstrate effective communication skills and professional behaviors with patients and professionals.
5. Students will be able to demonstrate preparedness to pursue post-graduation opportunities for professional practice.

Kinesiology

Exercise Science

1. Students will be able to demonstrate content knowledge of Exercise Science and related areas.
2. Students will be able to select, administer, and evaluate exercise tests and evaluations.
3. Students will be able to prescribe exercise and design exercise programs for health, sport, and disease.
4. Students will be able to demonstrate correct exercise techniques for a variety of exercises related to health, sport, and disease.
5. Students will be able to demonstrate knowledge of appropriate health and sport behavior counseling techniques.
6. Students will be able to demonstrate knowledge of organizational and administrative techniques for running an exercise-related facility.
7. Students will be able to demonstrate professional competencies in an internship experience.

Community Health

1. Students will be able to serve as an effective health education resource person.
2. Students will be able to plan, implement, and evaluate health education programs.
3. Students will be able to influence policy to promote health.
4. Students will be able to communicate and advocate for health and health education.
5. Students will be able to demonstrate the professional competencies necessary to successfully act in the role of the health education specialist.

Teaching Health & PE

1. Students will be able to demonstrate strategies and resources, including tech-

nology, for communicating and collaborating with students, parents/guardians, community stakeholders, school personnel, and business representatives to promote, enhance, and advocate for physical education (social responsibility).

2. Students will be able to demonstrate participation in regular physical activity at a level sufficient to promote health-related physical fitness as an essential behavior for professionals in all fields of physical activity at all levels (performance).
3. Students will be able to demonstrate the ability to assess the need for and apply diverse and innovative instructional strategies consistent with “best practice” and research-based theories and principles.
4. Students will be able to demonstrate the ability to plan and implement effective comprehensive health education.
5. Students will be able to develop and use a variety of assessment methods and evaluation strategies that adequately and accurately evaluate the level of mastery of skills by students.

Sport Management

1. Students will be able to demonstrate the ability to create a financial plan for a sport business.
2. Students will be able to demonstrate the ability to apply ethical decision-making models to solve an ethical dilemma.
3. Students will be able to identify the characteristics of effective leadership.
4. Students will be able to demonstrate the ability to apply principles of written and oral communication.
5. Students will be able to demonstrate an awareness of legal risks, liabilities, and responsibilities in a sport management setting.

Master of Public Health

1. Students will be able to apply evidence-based reasoning to address a public health issue.
2. Students will be able to deliver oral presentations on public health issues to various stakeholders at all levels.
3. Students will be able to develop a grant proposal for a public health project, program, or intervention including developing a budget.
4. Students will be able to compare health care and public health systems from different global settings.
5. Students will be able to engage respectfully with people of various cultures and socioeconomic strata.

Master in Sport Management

1. Students will be able to demonstrate knowledge of the function and purpose of operating areas within an intercollegiate athletics department, conference offices, and/or other intercollegiate athletic-related governing agencies.
2. Students will be able to demonstrate critical thinking and problem solving skills in association with assigned tasks in an integrated experience or practical setting.
3. Students will be able to demonstrate proficiency with various computer programs used in intercollegiate athletics departments through the completion of course projects and tutorials.
4. Students will be able to demonstrate an understanding of the professional commitment required of practitioners with regard to the administration of intercollegiate athletics programs.
5. Students will be able to demonstrate effective communication in both verbal and written forms through completion of presentations and written work.

Occupational Therapy

Master of Occupational Therapy

1. Students will be able to demonstrate entry-level knowledge and skills, including

foundational knowledge in core sciences, for practice as an occupational therapist in existing and emerging practice areas.

2. Students will be able to apply critical thinking and evidence-based practice principles, grounded in theories of occupation, to influence the health and wellbeing of consumers across populations.
3. Students will be able to demonstrate professional development and continuing competence through reflective practice and lifelong learning.
4. Students will be able to demonstrate holistic and client-centered practice that reflects values consistent with the occupational therapy profession.
5. Students will be able to use leadership and advocacy skills in professional practice.

Doctor of Occupational Therapy
(OTD)

1. Students will be able to demonstrate entry-level knowledge and skills, including foundational knowledge in core sciences, for practice as an occupational therapist in existing and emerging practice areas.
2. Students will be able to apply critical thinking and evidence-based practice principles, grounded in theories of occupation, to influence the health and wellbeing of consumers across populations.
3. Students will be able to demonstrate professional development and continuing competence through reflective practice and lifelong learning.
4. Students will be able to demonstrate the ability to understand and exhibit scholarship with evidence and practice to provide a holistic and client centered care.
5. Students will be able to use leadership and advocacy skills in professional practice.

Physical Therapy

Physical Therapist Assistant

1. Students will be able to apply knowledge from the foundational sciences to clinical practice.
2. Students will be able to demonstrate professional behavior with interpersonal interactions across a variety of academic and clinical settings.
3. Students will be able to appropriately implement a plan of care developed by the physical therapist within the limits of the PTA's technical expertise.
4. Students will be able to promote health and wellness for the community through advocacy and education of patients, clients, and the public.
5. Students will be able to value life-long learning and professional development.

Doctor of Physical Therapy

1. Students will be able to demonstrate entry-level competence in knowledge and clinical skills necessary to succeed in autonomous physical therapy practice.
2. Students will be able to demonstrate effective and culturally competent oral and written communication skills.
3. Students will be able to demonstrate awareness of the influence of culture, values and preferences in personal interactions.
4. Students will be able to critically appraise available evidence, and integrate this with clinical experience to inform patient/client management.
5. Students will be able to demonstrate life-long learning as evidenced by a personal commitment to self-assessment, continuing education and continuing competency.

CENTER FOR AGING & COMMUNITY

Gerontology

1. Students will be able to apply knowledge of multidisciplinary theories of aging to common situations involving older adults.

2. Students will be able to examine the impact of age related changes, disease, and self-perception on physical, psychological and social health and function.
3. Students will be able to analyze personal, professional and societal views and biases that affect the experience of aging across various cultures.
4. Students will be able to communicate about issues related to aging using effective interpersonal, written and presentation skills.
5. Students will be able to apply current research literature to practices involving older adults.