

## **Student Learning Outcomes by Program**

Learning outcomes in every major are assessed to ensure program effectiveness and to improve student learning. The outcomes below are regularly assessed at the departmental level. Information about additional goals for the experiences of students in each major is available by exploring specific departmental webpages.

### **Art**

- Students will identify stylistic and thematic characteristics of major artists and art historical periods.
- Students will be able to identify, analyze, and critically evaluate and/or create successful solutions to visual challenges.
- Students will acquire and utilize the vocabulary of visual communication

### **Biology**

- Students will know basic biological concepts
- Students can accomplish critical analysis of scientific literature
- Students can design, execute, and draw valid conclusions from a research project
- Students are prepared for a career/graduate study

### **Chemistry**

- Students know basic chemical and physical concepts
- Students can design, execute, and draw valid conclusions from a research project
- Students are prepared for a career/graduate study

### **Computing**

- Students will be able to analyze real-world information problems
- Students will be able to design effective, computer-based solutions to those problems
- Students will be able to implement fully functional computer-based systems based on the system designs
- Students will be able to work effectively in teams to analyze, design, implement, and test computer-based systems to solve real-world problems

### **Creative Writing**

- Students will understand basic literary terms and concepts
- Students will revise robustly in response to feedback
- Students will effectively analyze the work of others

### **Economics, Business & Accounting**

- Students will learn through acquisition of discipline-specific knowledge
- Students will learn through experience engaging in activities that align with EBA course learning outcomes
- Students will learn through application of EBA course learning outcomes.

## **Education**

By the time candidates graduate, program completers will:

- have an understanding and awareness of how children learn and develop.
- have a broad and comprehensive understanding of instructional strategies for all learners.
- be able to develop lessons which demonstrate how to provide a variety of instructional strategies to promote learning opportunities that support critical thinking, intellectual, social, and personal development.
- be able to integrate technology into lesson planning.
- be knowledgeable about professional resources and how to critically evaluate the quality of the resources.

## **English**

- The student will understand historical and contextual background for foundational works of literature
- The student will know basic literary terms and concepts
- The student will write effective, persuasive critical analyses of literature

## **Exercise Science**

- Students will be able to conduct research within exercise science, health, and wellness using appropriate technology.
- Students will be able to demonstrate the ability to successfully pass the American College of Sports Medicine Exercise Physiologist Certification exam.
- Students will demonstrate the ability to conduct a clinical stress test including operating necessary equipment.
- Students will be able to conduct appropriate field test on a client.
- Students will be able to interpret health data gathered from assessments.
- Students will be able to prescribe evidence-based exercise based on interpreted data.
- Students will be able to teach, modify, motivate, and cue exercise for populations with a wide variety of health issues or disease.
- Students will be able to collaboratively communicate professionally and interpersonally.
- Students will invest in ongoing education as a professional and lifelong learner.

## **History**

- Students will interpret and contextualize primary sources
- Students will research effectively
- Students will communicate historical findings publicly

## **Journalism**

- The students will be able to successfully prepare a story for multiple media outlets
- The students will be able to accurately and ethically report, write, edit, and design a story and apply in professional settings
- The students will be able to gather information from multiple sources during their internship

## **Mathematics**

- Students will be able to understand mathematical processes and will demonstrate the habits of mind required for thinking mathematically
- Students will be able to creatively adapt what is learned in the classroom to new situations in mathematics and to model real-world situations in other disciplines
- Students will be able to critically evaluate problems, analyze and utilize relevant resources and technologies to solve these problems, and effectively communicate their findings to others in both written and oral formats

## **Modern Language**

- Students will apply basic grammatical structures
- Students will demonstrate level-appropriate aural/oral skills
- Students will demonstrate level-appropriate reading/writing skills
- Students will analyze a cultural topic

## **Music**

- To develop knowledge and understanding concerning the theoretical foundations and history of music as it relates to creating, interpreting, performing, listening to, evaluating, and teaching.
- To provide opportunities which promote creative self-expression for all students through musical outreach to the college and community via concerts, recitals, ceremonial music, etc.
- To aid in the development of the technical skills necessary for creating, interpreting, performing, listening to, evaluating, and teaching music.

## **Philosophy & Religion**

- Graduates will be able to consider competing perspectives on controversial social issues using figures and theories within their academic discipline (philosophy or religious studies)
- Graduates will be able to collaborate with others from diverse backgrounds to propose ways of addressing complex social issues
- Graduates will be able to clearly articulate how norms of power and value are realized in themselves and in society

## **Political Science & Pre-law**

- Students will learn and apply information essential to citizenship and professional service in the fields of government, law, and political science
- Students will develop professional competency by applying information and skills to real world experiences
- Pre-law students will learn and apply basic principles Constitutional doctrine, legal reasoning, and professional legal writing

## **Psychology**

- Students will conduct a research project, grounded in the scientific method
- Students will apply psychological principles to real-world experiences
- Students will demonstrate the ability to effectively collaborate with others
- Students will know major historical and contemporary psychological theories and principles

## **Sociology**

- Students will demonstrate an understanding of the relationship between social structures and human beings, especially at the micro-, meso-, and macro- level
- Students will use appropriate methods of data collection and analysis to solve problems
- Students will understand inequality in terms of stratification, mobility, and agency

## **Theater**

- Students will work collaboratively on creative projects
- Students will work individually on creative projects
- Students will apply knowledge to a senior internship or research project
- Students will use dramaturgical skills in theatrical research

## **Graduate Program Learning Outcomes**

*\*Both are informed by expectations of external accrediting organizations*

### **Masters in Physician Assistant Studies**

#### **Student Learning Goals:**

1. Think creatively and critically
2. Communicate and interact effectively
3. Develop behaviors of professional practice
4. Develop scholarly competence

#### **Goal #1 Outcomes:**

- 1.1 Successfully access and accurately interpret a variety of health care related data.
- 1.2 Evaluate information to determine if the ideas are valid, identify key facts and arguments, and determine what appropriate action, if any, is warranted.
- 1.3 Incorporate patient-centered outcome measures to evaluate the quality of care provided.
- 1.4 Demonstrate contemporary skill in comprehensive care of patients with illnesses or injuries.
- 1.5 Develop patient-centered treatment plans that consider the patient's affections.

#### **Goal #2 Outcomes:**

- 2.1 Demonstrate proficiency in formal writing, including correct use of a AMA citation style.
- 2.2 Demonstrate the ability to effectively deliver formal presentations before a live audience.
- 2.3 Employ technology to communicate effectively and respectfully to a wide variety of groups and individuals.
- 2.4 Effectively communicate with all members of the health care team.

#### **Goal #3 Outcomes:**

- 3.1 Employ ethical decisions within the scope of professional practice.
- 3.2 Participate in local, state, regional and national athletic training professional activities.
- 3.3 Work respectfully and effectively with diverse populations and work environments.
- 3.4 Demonstrate leadership and service to others.

#### **Goal #4 Outcomes:**

- 4.1 Critically evaluate the quality of qualitative and quantitative information.
- 4.2 Demonstrate the ability to research, analyze, and reason from evidence to reach an effective conclusion or outcome.
- 4.3 Demonstrate the ability to conceptualize and conduct creative work by developing an original piece of scholarship.

## **Masters in Athletic Training**

### **Student Learning Goals:**

1. Think creatively and critically – Master of Science in Athletic Training students will exhibit clinical reasoning skills to recognize, analyze, synthesize information related to the discipline of athletic training and use evidence to answer clinical questions and guide clinical practice.
2. Communicate and interact effectively – Master of Science in Athletic Training students will demonstrate the ability to communicate effectively in both oral and written form.
3. Develop behaviors of professional practice – Master of Science in Athletic Training students will understand and engage in ethically and socially responsible behaviors in a landscape that involves increasing diversity.
4. Develop scholarly competence – Master of Science in Athletic Training students will become skillful in developing and conducting research and/or creative activities related to health care for the physically active population.

### **Goal #1 Outcomes:**

- 1.1 Successfully access and accurately interpret a variety of health care related data.
- 1.2 Evaluate information to determine if the ideas are valid, identify key facts and arguments, and determine what appropriate action, if any, is warranted.
- 1.3 Incorporate patient-centered outcome measures to evaluate the quality of care provided.
- 1.4 Demonstrate contemporary skill in comprehensive care of patients with illnesses or injuries.
- 1.5 Develop patient-centered treatment plans that consider the patient's affections.

### **Goal #2 Outcomes:**

- 2.1 Demonstrate proficiency in formal writing, including correct use of a AMA citation style.
- 2.2 Demonstrate the ability to effectively deliver formal presentations before a live audience.
- 2.3 Employ technology to communicate effectively and respectfully to a wide variety of groups and individuals.
- 2.4 Effectively communicate with all members of the health care team.

### **Goal #3 Outcomes:**

- 3.1 Employ ethical decisions within the scope of professional practice.
- 3.2 Participate in local, state, regional and national athletic training professional activities.
- 3.3 Work respectfully and effectively with diverse populations and work environments.
- 3.4 Demonstrate leadership and service to others.

### **Goal #4 Outcomes:**

- 4.1 Critically evaluate the quality of qualitative and quantitative information.
- 4.2 Demonstrate the ability to research, analyze, and reason from evidence to reach an effective conclusion or outcome.
- 4.3 Demonstrate the ability to conceptualize and conduct creative work by developing an original piece of scholarship.

## **Master's in Physician Assistant Studies**

### **PA Program Graduate Outcomes/Competencies**

The Franklin College MSPAS graduate outcomes are a set of competencies that, when obtained, will prepare the student for entry-level clinical practice as a PA.

Upon completion of the Franklin College MSPAS Program, graduates will be able to:

1. Demonstrate medical knowledge of sufficient depth and breadth to function at the level of an entry level physician assistant.
2. Apply acquired medical knowledge to evaluate and manage patients across the lifespan including preventive, emergent, acute, and chronic patient encounters.
3. Demonstrate the clinical skills to accurately elicit a medical history and perform a focused physical examination based on patient presenting complaint.
4. Effectively communicate and document medical information in written and verbal formats to other members of the healthcare team.
5. Effectively utilize interpersonal skills to communicate with patients and their families to elicit a medical history, perform patient education and counseling, and show empathy consistent with patient-centered healthcare.
6. Utilize clinical reasoning to develop a differential diagnosis consistent with the findings of the history and physical exam.
7. Demonstrate the problem-solving skills to select and interpret common diagnostic studies based upon clinical presentation and differential diagnosis.
8. Perform technical skills including therapeutic and diagnostic procedures common to primary care and emergency settings.
9. Develop treatment plans that include pharmacologic and non-pharmacologic interventions appropriate to the differential diagnosis and considering evidence based medical practices.
10. Demonstrate respect, compassion, and sensitivity regarding the emotional, cultural, and socioeconomic aspects of the patient, the patient's condition, and the patient's family.
11. Conduct themselves in a professional manner with the highest ethical and legal standards expected of a health care professional and consistent with the roles and responsibilities of a physician assistant.
12. Function in the role of a physician assistant to work collaboratively as part of the health care team practicing patient-centered care.
13. Develop skills necessary to employ life-long learning through practice improvement, evidence-based medicine, and professional development.