



Graduate Assistantship (GRADA) Position Description

Sample - Assistantship Alignment with Overall Educational Program by Majors

Student's Program: Hiring Department/Unit

Accounting

This position will apply functional knowledge, skills, and abilities from the educational program that are related to management of accounting and financial administration. The benefits added will be related to advancing the student's knowledge and application of data management and conducting institutional research projects and analysis.

Administration of Supervision and Curriculum

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of training and developing adults. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students.

Adult Education

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of training and developing adults. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students.

Aerospace Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to air flow and visualization, experimental fluid dynamics, field imaging, and compressible flows. The benefits added will be related to advancing knowledge in the aerospace engineering field and applying theories related to stress and dynamics, fluid mathematics and thermodynamics, numerical and experimental methods, airframe design, design optimization, flight dynamics and control, flight testing and analysis, and computer-aided engineering.

Agriculture

This position will apply functional knowledge, skills, and abilities from the educational program that are related to organizational skills, management of sustainable practices, and

integration of design and function of community spaces. The benefits added will be related to enhancing the student's ability to develop, program, and implement student teaching and learning strategies as they interact with a variety of students and systems.

Audiology

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and management of audiology services. The benefits added to the student's educational experience will be related to enhancing their ability to conduct research and coordinate clinical practices that improve scientific understanding of auditory and communication processes and disorders.

Biology Education

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration and coordination of teaching science with a focus on life sciences as well as the physical sciences. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students from diverse backgrounds.

Business, Information Systems

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of technical business processes and the use of information technology to implement, facilitate, and improve business operations. The benefits added will be related to enhancing the student's ability to develop, program, and implement business strategies as well as using analytical skills to solve problems, diagnose, and collect appropriate data within an organizational setting.

Chemistry and Biochemistry

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of chemistry and biochemistry courses. The benefits added will be related to advancing knowledge of the chemistry field and applying biological chemistry, synthesis methodology, molecular recognition and detection, new material synthesis and characterization, computational chemistry and energetics as well as in the traditional areas of analytical, biochemistry, inorganic, organic and physical chemistry.

Child Life

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration, coordination, and promotion of human development, such as supporting socio-emotional needs of children and families in a healthcare setting. The benefits added will be related to enhancing the student's ability to develop, program, and implement therapeutic interventions for children and families as well as assess the

environment and interactions of individuals so that they can be resilient, adapt, and adjust to their environment(s).

Clinical Mental Health Counseling

This position will apply functional knowledge, skills, and abilities from the educational program that are related to counseling practice and career development. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of counseling communication, practices, and working with individuals so that they can be resilient, adapt, and adjust to professional and personal environments.

Civil Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the designing, developing, and planning infrastructure projects. The benefits added will be related to advancing knowledge in the engineering field and applying engineering research. It will also include the interpretation and communication of the findings related to civil engineering materials and measuring engineering properties of materials.

Community Planning

This position will apply functional knowledge, skills, and abilities from the educational program that are related to community planning, assessing curriculum related to an access and inclusive excellence model, and examination of the infrastructure that measures pedagogical approaches. The benefits added will be related to advancing technical knowledge necessary to apply both qualitative and quantitative methods and analyze, design, and plan for the development of student development and community initiatives and programs.

Computer Science

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the computer and software engineering fields, specifically computer operating systems. The benefits added will be related to advancing knowledge in the engineering field and applying computing theories, algorithms, and computer architecture to solve problems in areas such as communications, industrial and service systems, and operations planning and manufacturing systems.

Communication and Journalism

This position will apply functional knowledge, skills, and abilities from the educational program that are related to communication, public relations, journalism, and media studies. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of communication and practices related to writing, editing, developing promotional publications, and document design.

Counseling Psychology

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of student counseling services, counseling assessment, measurement theory, and counseling diverse populations. The benefits added will be related to enhancing their ability to develop, program, and implement student counseling services, group counseling, and counseling diagnoses as they interact with a variety of students.

Counselor Education

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of student counseling services, counseling assessment, measurement theory, and counseling diverse populations. The benefits added will be related to enhancing their ability to develop, program, and implement student counseling services, group counseling, and counseling diagnoses as they interact with a variety of students.

Crop Soil

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the field of plants and soil management, plant genetics, crop improvement, and nutrient management. The benefits added will be related to advancing technical knowledge necessary to analyze, design, and plan for the development of the plant practices and reducing insects, plant disease, and weeds.

Data Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to data science and engineering and pertaining to the processes involved in managing and analyzing massive data sets. The benefits added will be related to advancing knowledge and skills in the engineering field and applying computing theories, data mining, and machine and statistical learning to real-world scenarios.

Development Practice

This position will apply functional knowledge, skills, and abilities from the educational program that are related to development practices and developing sustainable solutions to global issues such as hunger, poverty, global market changes, and social policy. The benefits added will be designing and executing independent and comprehensive projects in the development field that relate to professional careers in the field, and ultimately to be prepared to help people and communities improve lives and solve global issues.

Economics

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of economics courses. The benefits added will be related to advancing knowledge of the economics field and applying

economic theories to solve problems in related fields such as science, engineering, and business.

Educational Leadership: Administration Supervision Curriculum

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of leadership and curriculum development. The benefits added will be related to enhancing their ability to develop, program, and implement leadership and curriculum-related activities as they interact with a variety of students.

Educational Psychology

This position will apply functional knowledge, skills, and abilities from the educational program that are related to psychological learning processes and testing practices. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of educational psychology; learning environments; and learning, social, and behavioral issues affecting learning.

Electrical and Computer Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the electrical and computer engineering fields. The benefits to the student will be related to advancing knowledge in the engineering field and applying computing theories to solve problems in areas such as communications, signal processing, robotics, and wireless networks.

Engineering Management

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the fields of engineering such as aerospace, biosystems, chemical, civil, computer science and software, electrical and computer, industrial and systems, materials, mechanical and wireless industries. The benefits to the student will be related to advancing knowledge in the engineering field and applying and managing technology to solve complex issues or inventing new processes and products.

English Education

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration and coordination of language acquisition and applying related theories to working with students. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students.

English to Speakers of Other Languages

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration and coordination of language acquisition and applying

related theories to teaching students. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students, including those who will become language educators.

Foreign Language - Spanish

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration and coordination of second language acquisition and applying related theories to teaching students. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students, including those who will become Foreign Language educators.

Geography

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of geography courses. The benefits added will be related to advancing knowledge in the geography field and applying geographical concepts of space, place, scale, and distance in human and physical processes as well as training in advanced geospatial analysis.

Higher Education

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of student affairs, management of student services, and student personnel administration. The benefits added will be related to enhancing their ability to develop, program, and implement student services administrative activities as they interact with a variety of students.

Industrial and Systems Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the computer and software engineering fields, specifically computer operating systems. The benefits added will be related to advancing knowledge in the engineering field and applying computing theories, algorithms, and computer architecture to solve problems in areas such as communications, signal processing, robotics, and wireless networks.

Industrial/Organizational Psychology

This position will apply functional knowledge, skills, and abilities from the educational program that are related to organizational and workplace settings as well as individual development and management. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of individual's behavior in the workplace and the psychological principles that can improve the overall work environment.

Information Systems

This position will apply functional knowledge, skills, and abilities from the educational program that are related to project management, IT support and management, and information security. The benefits added will be related to advancing technical knowledge necessary to analyze, design, develop, maintain, and manage information systems in a variety of educational and business settings.

Kinesiology: Nutrition / Biomechanics / Physical Education / Exercise Science

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of physical and psychological impacts of exercise and nutrition. The benefits added to the student's educational experience will be related to enhancing their ability to develop, program, and implement physically comprehensive and impactful activities as they interact with a variety of students.

Materials Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the design and application of materials, materials processes, and materials behavior to meet specific needs for a variety of industries. The benefits added will be related to advancing knowledge in the engineering field and applying knowledge of materials engineering proficiency and computational methods.

Mathematics and Statistics

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of mathematics and statistics courses. The benefits added will be related to advancing knowledge of the mathematics field and applying mathematical theories to solve problems in related fields such as science, engineering, and business.

Probability and Statistics

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of mathematics and statistics courses. The benefits added will be related to advancing knowledge of the mathematics field and applying mathematical theories to solve problems in related fields such as science, engineering, and business.

MBA

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of business and marketing tasks as well as project planning and management. The benefits added will be related to enhancing the student's ability to develop, program, and implement business strategies as well as using analytical skills to solve problems, diagnose, and collect appropriate data within an organizational setting.

Music Education

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and coordination of instructional design principles that build innovative and engaging lessons. The benefits added will be related to enhancing the student's ability to develop, program, and implement effective and diverse learning opportunities and approaches through social media, event coordination, planning, hosting and/or using analytical skills to solve problems, diagnose, and collect appropriate data within an organizational setting.

Nutrition

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration, coordination, and significance of nutrition in human health. The benefits added to the student's educational experience will be related to enhancing their ability to develop, program, and implement comprehensive and impactful activities and nutritional guidelines as they interact with a variety of students.

Physics

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the basic principles of physics and broad understanding of the major areas of physics. The benefits added will be related to advancing knowledge of the physics field and applying physics theories to solve problems in related fields such as science, engineering, and business.

Political Science

This position will apply functional knowledge, skills, and abilities from the educational program that are related to public administration, organization, and management. It also includes coordinating, designing, and implementing policy or governance that has a public impact. The benefits added will be related to enhancing the student's ability to develop, program, and implement public policy strategies, whether in the public, nonprofit, or private sector. In addition, application-oriented benefits relate to addressing local and global challenges in policy and management.

Probability and Statistics

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the technical, analytical, and interpretive skills of mathematics and statistics courses. The benefits added will be related to advancing knowledge of the statistics field and applying statistical analysis to assist in data-driven decisions in related fields such as personnel development and business practices.

Psychological Sciences / Applied Behavior Analysis

This position will apply functional knowledge, skills, and abilities from the educational program that are related to providing clinical and educational services, developing basic

principles of and applications of behavior analysis, and implementing behaviorally based assessments. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of behavior analysis and experiencing practical and research experience for a variety of social and behavior problems.

Public Administration

This position will apply functional knowledge, skills, and abilities from the educational program that are related to public administration, organization, and management. It also includes coordinating, designing, and implementing policy or governance that has a public impact. The benefits added will be related to enhancing the student's ability to develop, program, and implement public policy strategies, whether in the public, nonprofit, or private sector. In addition, application-oriented benefits relate to addressing local and global challenges in policy and management.

School Counseling

This position will apply functional knowledge, skills, and abilities from the educational program that are related to counseling practice and career development. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of counseling communication, practices, and working with individuals so that they can be resilient, adapt, and adjust to professional and personal environments.

Social Science Education

This position will apply functional knowledge, skills, and abilities from the educational program that are related to teaching and mentoring skills, guided practice, and historical and contemporary issues of a democratic society. The benefits added will be related to enhancing the student's ability to develop, research, program, and implement student teaching and learning strategies as they interact with a variety of students.

Social Work

This position will apply functional knowledge, skills, and abilities from the educational program that are related to social work practice and connecting others with appropriate resources. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of understanding social environments, human behavior, working with groups and communities, and working with individuals so that they can be resilient, adapt, and adjust to professional and personal environments.

Software Engineering

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the computer and software engineering fields, specifically computer operating systems. The benefits added will be related to advancing knowledge in the engineering field and applying computing theories, algorithms, and computer

architecture to solve problems in areas such as communications, signal processing, robotics, and wireless networks.

Special Education

This position will apply functional knowledge, skills, and abilities from the educational program related to the administration and coordination of orienting and developing students. The benefits added will be related to enhancing the student's ability to develop, program, and implement curriculum and administrative practices as they interact with a variety of students, including those who will need special education services.

Speech-Language Pathology

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the administration and evaluation of speech-language pathology. The benefits added to the student's educational experience will be related to enhancing their ability to conduct research and coordinate clinical practices that improve scientific understanding of language and communication processes and disorders.

Supply Chain Management

This position will apply functional knowledge, skills, and abilities from the educational program that are related to essential supply chain management concepts, quantitative tools, and analytical skills. The benefits added to the student's educational experience will be related to enhancing their ability to develop skills like strategic planning, informed decision-making, and problem solving.

Technical and Professional Communication

This position will apply functional knowledge, skills, and abilities from the educational program that are related to technical and professional communication. The benefits added to the student's educational experience will be enhancing the ability to apply the theory and practice of technical communication and practices related to writing, editing, web development, and document design.

VetMed / Biomedical Sciences

This position will apply functional knowledge, skills, and abilities from the educational program that are related to the field of biomedical sciences, genetics, and bioinformatics. The benefits added will be related to advancing knowledge and scientific research in the field of genetics in order to understand the basis of disease and foster innovative thinking and experimentation through diverse biological disciplines.