



CATALOG ADDENDUM

2020-2021 Graduate Academic Catalog: Version 1

Abstract

The following content does not appear in the 2020-2021 Academic Catalog, but is valid for the 2020-2021 academic year.

Office of the Registrar

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WHAT IS AN ADDENDUM?

University of the Southwest (USW) publishes a full Catalog every year. The Addendum contains important information that has been updated throughout the past year.

The following question and answer section is designed to respond to common questions about how to use this important document. As always, it is recommended that students seek the guidance of counselors for course, program and transfer planning. In this way, you will be able to access all the most up-to-date information available.

Q. Why do we have an Addendum?

A. USW is constantly updating curriculum, program requirements, institutional information and policies. It is important to have a print and web document that helps students and staff locate all of these changes.

Q. How do I use the Addendum?

A. The Addendum is to be used alongside the 2020-2021 academic catalog, not in isolation. Check your program and course of interest to see if there have been any changes. Meet with your counselor if you have questions about how these changes affect your academic plan.

Q. Does the Addendum supersede the Catalog?

A. The Addendum is just that: an addition to the 2020-2021 Academic Catalog. Whatever is listed in the Addendum in terms of new courses and/or new program requirements does supersede what is in the Catalog. However, in terms of Catalog rights, if you began a program in Fall 2020 or Spring 2021, you will be able to adhere to the requirements listed in the 2020-2021 Catalog as long as you have no break in enrollment until the time of your completion. Once again, if you have questions about programs and courses, see a counselor.

Q. Where can I find the Addendum?

A. The Addendum is on the web and can be accessed from Office of the Registrar site at www.usw.edu.

We hope this document will be helpful to you. It has been prepared as carefully as possible to include all information available as of April, 2021. University of the Southwest reserves the right to make changes as needs require, and to change, without notice, any of the information, requirements, and regulations in the Course Catalog and the Catalog Addendum. If you have questions about the content or any other part of this document, please contact the Office of the Registrar at 575-492-2126 or registrar@usw.edu.

NEW ACADEMIC COURSE IDENTIFICATIONS

STEM - Science, Technology, Engineering, and Math
MED - Medical Sciences

COLLEGE OF EDUCATION

New Doctoral Program and courses added.

STEM EDUCATION

The Doctor of Education (EdD) in science, technology, engineering, and math (STEM) Education specialization is designed for STEM educators who seek to enhance their knowledge related to STEM education, and engage in and learn about action research related to STEM teaching and learning. Individuals who work in STEM fields in higher education may also find the program of value. The candidates will take 30 credits of core coursework, 6 credits of research preparation coursework, 12 credits of STEM coursework, and 12 credits of dissertation coursework. Graduates of the program can assume the positions as university faculty, instructional leaders in the public schools, curriculum development specialists, and assessment specialists.

STEM 8103 Policy Analysis and Ethics in Education (3 credit hours)

The course covers the interactions of diversity, equity, policy, and social justice as related to science education. It also explores the diverse perspectives on purposes/scope of science education. It addresses the consequences for diversity, equity, access, social justice, empowerment, and educational policy.

STEM 8203 - Learning Theory and Classical Research in STEM Education (3 credit hours)

The course includes the theories and classical research in educational fields of science, technology, engineering and mathematics.

STEM 8303 - Nature of Inquiry in STEM Education (3 credit hours)

The course involves the topics on teaching/learning/teacher education through evaluation of national teaching standards, current research, and current cognitive theories of learning in educational fields of science, technology, engineering and mathematics.

STEM 8403 - Current Issues and Trends in STEM Education (3 credit hours)

The course discusses the current issues and trends in STEM education to emphasize the importance of the findings and recommendations from past research reports and spark new thinking and action by researchers, policy leaders, community partners, and other stakeholders.

MASTER OF SCIENCE IN EDUCATION

New course added.

EDSC-5303 - Educational Research and Academic Writing (3 credit hours)

This course is an overview of research involving locating, analyzing, evaluation, and educational research. Studies in current issues in education, development of skills in data collection and evaluation, and direct application to educational problems and decisions are included.

COLLEGE OF ARTS AND SCIENCES

BACHELOR OF SCIENCE

New courses and updated course descriptions.

CRJ 4303- Criminal Justice Administration (3 credit hours)

Study of organizational and administrative theory and its application to criminal justice organizations. Provides an overview of problems faced by managers of justice-related agencies, including law enforcement, courts and corrections. Prerequisites: CRJ 1303 & /CRJ 1403 Offered: Spring of Even Years.

CRJ-4543 Constitutional Law (3 credit hours)

This course focuses on the intersection and application of the U.S. Constitution and the evolution of those applications as guided by the appeal process and landmark case decisions. Prerequisite: CRJ 1303 and CRJ 2343

CRJ-4553 White Collar Crime (3 credit hours)

This course examines theories and scope dominant in the field of white-collar crime. These examinations will include the structural foundation of occupational political and organizational/corporate crimes as compared to predatory crimes. Multi-level criminal and social and political responses along with forms of interventions will also be addressed. Prerequisite: CRJ 2213 & 3313

CRJ-4563 Public Information & Civic Communications (3 credit hours)

This course focuses on the fundamental communication principles for building trust and public engagement with both the community and public agency. Prerequisite: CRJ 1303 & CRJ 3343

CRJ-4603 Gender and Criminal Justice (3 credit hours)

This course provides an overview of issues surrounding women and crime: as offenders, victims, and criminal justice professional. Students will analyze changing social views of women and women's roles, and the impact of feminism and affirmative action policies. Topics will include theories of female crime; the implications of social class and race in female offending; the manner women are processed through the criminal justice system; patterns of female victimization and the impact on their professional roles within criminal justice. Prerequisite: CRJ 1303 & CRJ 3343

CRJ-4613 Comparative Justice (3 credit hours)

The aim of this course encompasses the study of criminal justice practices within societies other than the United States. An emphasis is placed on different concepts of criminal justice administration within the respective global regions as related to illegal behavior management effectiveness within those systems. Prerequisite: CRJ 1303 and CRJ 2203

CRJ-4633 Terrorism & Counterterrorism (3 credit hours)

This course examines the indigenous and external sources of domestic and foreign terrorism. The focus remains confined to the implied objectives, strategy operations, and tactics dedicated to the countermeasure responses and foreign policy practices. Prerequisite: CRJ 1303 and CRJ 3333

CLINICAL MENTAL HEALTH COUNSELING UPDATES

The Master of Science in Clinical Mental Health Counseling at USW offers a 60-hour fully online program that prepares students to work in human service settings. The program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) and is designed to meet, and in some instances exceed, professional licensing requirements in many states. It is the individual student's responsibility to determine the licensure requirements for his/her own state.

USW's CMHC program faculty are passionate about training professional counselors. The online environment provides learning opportunities for traditional and nontraditional students through a rigorous program of study that stresses education, multicultural competence, advocacy, and service to others. Required individual field experiences qualify graduates for a number of positions in a broad range of mental health helping agencies.

Specialized Accreditation - CACREP for Clinical Mental Health Counseling graduate program

COUN-5833 Practicum I (3 credit hours)

This 3 hours course, in combination of COUN 5833C Practicum-Counseling, consists of at least 100 clock hours of counseling experience in a mental health counseling setting under direct supervision over a 16-week period. The focus is on integrating and applying theory and skills learned in prior coursework. Placement sites and site supervisors must be approved by the Program Director and Practicum and Internship Coordinator.

COUN-5933 Practicum II (3 credit hours)

This 3 hours course consists at least 50 clock hours of counseling experience in a mental health counseling setting under direct supervision of a licensed site supervisor and university faculty member. The focus is on integrating and applying theory and skills learned in prior coursework. Placement sites and site supervisors must be approved by the Program Director and Practicum and Internship Coordinator.

MASTER OF SCIENCE

New Program and courses added.

The M.S. in Medical Sciences program requires successful completion of 36 credit hours coursework online typically within one academic year. Some students enter this program with the goal of gaining admission to medical school, but others find different healthcare career paths more suitable. After accomplishing the program requirements, they will have a marketable master's degree with opportunities in viable healthcare fields such as: physician assistant, dentistry, nursing, podiatry, optometry, chiropractic, pharmacy school or pharmaceutical industry.

MED-5473 Medical Microbiology (3 credit hours)

The course is designed to understand the overall characteristics of major group pathogens and pathogenesis. Emphasis is given to medically important bacteria, viruses, fungi, and parasites. In general, the course covers the aseptic techniques, controlling microbes,

microbial genetics, metabolism, taxonomy, vaccines, and host-pathogen interactions, diagnosis of infectious diseases, epidemiology, and prevention strategy.

MED-5503 Advanced Biochemistry (3 credit hours)

The course covers structure and function of major biomolecules, organization and regulation of metabolic pathways. Special emphasis on eukaryotic systems and the biochemical basis of human disease.

MED-5513 Human Physiology (3 credit hours)

The course presents a concise introduction to the study of human physiology from a perspective of the function of various human organ systems with an emphasis on understanding important concepts and their correlation to the practice of clinical medicine. Major topics include an introduction of basic physiological principles in homeostasis, followed by cell-to-system physiological principles for the musculoskeletal system, cardiovascular system, pulmonary system, renal system, and endocrine and reproductive systems. Archived lectures are primarily focused on normal physiological function, with introductory topics covering selected clinical dysfunction to emphasis fundamentals.

MED-6003 Medical Terminology (3 credit hours)

This course helps understand healthcare professionals' specialized language and get familiar with a high-level overview of medical terms. The course deals with the accurate description of human body illnesses, diagnosis, clinical procedures, anatomical structures, physiological processes, and pharmacology. We cover the pattern of formation of words and their interpretation; terminology associated with specific disorders, systems, and procedures; abbreviation, pronunciation, and spelling of the vocabularies; and meaning of the term related to specialty, diagnosis, treatment, and pathology.

MED-6073 Fundamental Pharmacology (3 credit hours)

This course emphasizes a fundamental understanding of the principles of pharmacology that govern the interaction between drugs and xenobiotics and humans and their relationship to modern medical diagnostics and therapeutics. The course features topics such as pharmacologic terminology, the underlying concepts of pharmacokinetics, qualitative and quantitative descriptions of drug actions (pharmacodynamics), an introduction to toxicology and the methods used to reduce levels of hazardous substances within the body, the treatment of infectious diseases, immunopharmacology and cancer, examples of drugs that target the autonomic nervous system, the actions of anticoagulants, platelet inhibitors and thrombolytics and their relevance to hematology, gastrointestinal and endocrine pharmacology. The course develops a broad and thorough understanding of the principles of pharmacology and the types of interactions of various drugs that influence and control the functioning of normal cells, tissues and organs and an understanding of how various drugs are used in disease therapeutics.

MED-6103 Immunology (3 credit hours)

This course emphasizes a fundamental understanding of immunology principles that govern the interaction between pathogens and humans, and their relationship to modern medical diagnostics and therapeutics. The course covers the various components of innate and adaptive immunity, their development, immune response mechanisms, specific roles against

bacterial, viral, fungal, and parasitic infections. The course also covers transplantation immunology, hypersensitivity, tolerance, and autoimmune disorders.

MED-6173 Introduction to Pathology of Disease (3 credit hours)

This course emphasizes a fundamental understanding of the principles of pathology and focuses on both basic pathophysiology and important pathologic processes in specific organ systems. The course features topics such as cell injury and cell death, inflammation, tissue damage and repair, neoplasia, cardiovascular pathology, endocrine pathology, hematopoietic pathology and the nervous system. The course develops a broad and thorough understanding of the principles of human pathology and identifies the major pathological conditions that perturb the functioning of normal cells, tissues and organs.

MED-6203 Epidemiology (3 credit hours)

Epidemiology is the study of the distribution and determinants of health and disease in different human populations and the application of methods to improve disease outcomes. The course covers the following topics: basic principles of epidemiology; measures of disease frequency; epidemiologic study designs: experimental and observational; bias; confounding; outbreak investigations; screening; causality; and ethical issues in epidemiologic research.

MED-6273 Basic Neuroscience (3 credit hours)

The course is designed to examine the fundamental aspects of neuroscience that are critical to understanding the cellular mechanisms relevant to human health and disease that form part of the foundation of modern medical practice. This course emphasizes a fundamental understanding of the principles of the neurosciences and their relationship to medicine and includes topics such as basic neuron anatomy and the structure and function of neural networks; nerve cells and their intracellular processes, comparison of the central and peripheral nervous system, the mechanisms by which neurons process signals physiologically and electrochemically and the pathways by which signals are processed by the dendrites, somas and axons and how neurotransmitters and electrical signals are used to propagate signals in a neuron and how these activities are altered by disease

DOCTORAL PROGRAM UPDATES AND CHANGES

Students enrolled in the Doctorate programs need to demonstrate progress toward completing dissertation requirements within each dissertation course and will be limited to no more than six attempts at each before they are withdrawn from the program for a lack of academic progress. Students withdrawn for a lack of academic progress will need to re-apply to the program in order to be reconstituted as active students before continuing with the Doctorate program

Students conducting research or data collection must submit for IRB approval prior to collection. Once granted, IRB approval will be valid for 1 year and is contingent on active registration. Students are not considered active researchers or authorized to collect data for the University if not enrolled.

COURSE DESIGNATION BY NUMBER UPDATED

GRADUATE LEVEL

Digit One – Level of Offering

5-7 Graduate
8-9 Doctorate

Digit Four – Semester Hour Value

- 1 One Semester Hour Credit
- 2 Two Semester Hours Credit
- 3 Three Semester Hours Credit
- 4 Four Semester Hours Credit

Example: BIO - 5203
Department: Biology (BIO)
Level of Offering: Graduate (5)
Semester Hours Credit: (3)

UNDERGRADUATE LEVEL

Digit One – Level of Offering

- 1 – Freshman
- 2 - Sophomore
- 3 - Junior
- 4- Senior

Digit Four – Semester Hour Value

- 1 One Semester Hour Credit
- 2 Two Semester Hours Credit
- 3 Three Semester Hours Credit
- 4 Four Semester Hours Credit

Example: BUA-2173
Department: Business Administration (BUA)
Level of Offering: Sophomore (2)
Semester Hours Credit: (3)