Academic Program Inventory

2023-2024 Academic Year

UTAH VALLEY UNIVERSITY

Overall Counts for 2023-2024							
	Diplomas	**Associate Degrees**	**Bachelor's Degrees**	**Undergraduate Certificates**	**Minors**	**Master's Degrees**	**Graduate Certificates**
College of Health and Public Service	—	11	10	8	7	3	—
College of Humanities and Social Sciences	—	2	20	7	39	3	—
College of Science	—	4	19	2	9	1	1
School of the Arts	—	7	15	8	3	—	—
School of Education	—	3	4	6	1	5	3
Smith College of Engineering and Technology	3	32	26	34	7	3	2
Woodbury School of Business	—	6	11	14	12	3	5
Official Program Counts	**—**	**65**	**105**	**79**	**—**	**18**	**11**


College of Health and Public Service
UTAH VALLEY
UVU
UNIVERSITY

College of Health and Public Service - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Allied Health	Associate Degree	Dental Hygiene, A.A.S.	51.0602	Dental hygienists examine patients for signs of oral diseases, such as gingivitis, and provide preventive care, including oral hygiene. Working in a private dental office continues to be the primary place of employment for dental hygienists. For today's dental hygiene professional, there are many other career pathways to explore as well. Employment of dental hygienists is projected to grow 6 percent from 2019 to 2029, faster than the average for all occupations. The demand for dental services will increase as the population ages and as research continues to link oral health to overall health.	1. UVUDH graduates will be able to execute all steps in the dental hygiene process of care. | 2. UVUDH graduates will be able to apply a professional code of ethics which complies with Federal and State laws. | 3. UVUDH graduates will be able to provide health promotion and education services in public health and alternative settings. | 4. UVUDH graduates will be able to successfully graduate and affiliate with professional organizations. | 5. UVUDH graduates will be able to perform self-assessment for professional growth and lifelong learning.	Registered Dental Hygienist	Commission on Dental Accreditation (CODA)
Allied Health	Associate Degree	Healthcare Services, A.A.S.	34.0199	The Associate in Applied Science in Healthcare Services is designed for individuals working in a health-related area who have obtained, or are working toward a technical certification, license, etc. Many of these students will be looking for a pathway to allow them better upward mobility in their professions or education to help them become a certified health professional. Students initially finish a program at Mountainland Technical College to develop a portfolio that presents licenses and work-related certifications as well as provides a rationale for receiving technical, experiential credit. Students matriculating into UVU's AAS program will add to their portfolio core courses that provide fundamental knowledge of health professions, human anatomy and physiology, as well as elective courses; students enhance their technical knowledge and skills in one or more health-related areas (e.g. surgical technician, medical assistant, and medical billing and coding).	1. Utilize the specialized knowledge and skills necessary in various health profession | 2. Develop effective strategies in communicating ethically and culturally sensitive information that engage individuals and communities in the promotion of health policies, programs, and interventions. | 3. Recognize basic anatomy and physiology.		
Allied Health	Associate Degree	Respiratory Therapy, A.A.S.	51.0908	An Associate of Applied Science in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepares students for matriculation into the BS Respiratory Therapy program and credentialing exam offered by the National Board of Respiratory Care (NBRC). The NBRC is the credentialing arm of the American Association of Respiratory Care. Successful completion of the curriculum and the credentialing exam certifies students as a Registered Respiratory Therapist (RRT) and enables them to apply for licensure in their state of residence. Employment opportunities with health care providers range from home health and hospice to neonatal, pediatric, and adult intensive care units in UVU's service area and across the country.	1. Work effectively as a team member with physicians, nurses, therapists and patients as an integral part of the medical community. | 2. Make correct interventional medical decisions based on assessment of patient needs and diagnosis within the scope of therapist driven protocols. | 3. Comply with the ethical and legal parameters of HIPAA in the use and disclosure patients' health information.		
Criminal Justice/Law Enforcement	Associate Degree	Criminal Justice, A.A.	43.0103	Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.	Contact the department for information		
Criminal Justice/Law Enforcement	Associate Degree	Criminal Justice, A.S.	43.0103	Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.	Contact the department for information		
Criminal Justice/Law Enforcement	Associate Degree	Forensic Science, A.S.	43.0406	The Associate of Science in Forensic Science (ASFS) is designed to provide a preparatory educational path for students who are seeking acceptance into UVU's Bachelor of Science in Forensic Science (BSFS) degree program. The ASFS enables students to complete the general education requirements while meeting the required lower division course work needed for application to the BSFS degree. This degree will additionally provide a completion point for students who do not wish to pursue a bachelor's degree, or facilitate transfer to another institution for a bachelor's degree completion elsewhere.	1. Explain how forensic science uses scientific and mathematical principles. | 2. Develop a conceptual foundation of the criminal justice system, rules of evidence, and the legal system. | 3. Explain the relationship between forensic science and criminal law. | 4. Situate forensic science applications within criminal investigative procedures. | 5. Describe how various forensic science disciplines are utilized within criminal investigations.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Criminal Justice/Law Enforcement	Associate Degree	Intelligence Studies, A.S.	29.0201	The Associate of Science in Intelligence Studies exposes students to the wide range of theoretical and functional issues related to the field of military intelligence. Students are prepared for employment in the intelligence field. This degree is limited to students participating in the Utah National Guard's (UNG) military intelligence education program at Camp Williams in Bluffdale, Utah.	1. Written Communication- Students, using writing skills, both individually and collaboratively, will discover, shape and communicate information, data concepts and arguments clearly and effectively to the appropriate audience and purpose. | 2. Oral Communication- Students, using oral communication skills both individually and collaboratively, will research, organize, design, and present data, research, ideas, and concepts so as to add meaning and depth to the topics discussed. | 3. Creativity- Students will investigate, evaluate, and ponder experiences; seek creative solutions to practical, social, or individual problems; and produce artifacts of self-expression. | 4. Leadership- Students will examine, analyze, calculate and formulate methods by which they can motivate and lead others through leadership attributes and competencies. | 5. Critical Thinking- Students will employ logical, analytical, analogical, and reflective reasoning as well as scientific, mathematical, and artistic inquiry to solve problems effectively. | 6. Diverse Perspectives- Students will recognize cultural diversity and discuss the symbiotic roles of racial, ecological, social, historic, and economic forces and their roles in creating this diversity. | 7. Information Literacy- Students will demonstrate proficiency in information literacy by finding information gaps and using both classic and modern sources to locate, evaluate, analyze, and apply the information to fill in those gaps. | 8. Technology Literacy- Students will apply technological skills and processes to discover, organize, analyze, understand and manage information, and to present that information effectively.		
Emergency Services	Associate Degree	Emergency Services, A.A.S.	43.0203	See associated emphasis	See associated emphasis	Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), Paramedic, Fire Certifications	International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Emphasis	Emergency Services - Fire Officer Emphasis, A.A.S.	43.0203	Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.	1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study. | 2. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study.	Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), Paramedic, Fire Certifications	International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Emphasis	Emergency Services - Firefighter/ Emergency Care Emphasis, A.A.S.	43.0203	Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.	1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their area of study.	Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), Paramedic, Fire Certifications	International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Associate Degree	Emergency Services, A.S.	43.0203	Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.	1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. | 2. Students will pursue a bachelor's degree after completion of associate's degree.	Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), Paramedic, Fire Certifications	International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Associate Degree	Wildland Fire Management, A.A.S.	43.0203	Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Wildland Firefighting, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.	1. Recognize measures that minimize fire-related threats to life and property. | 2. Recognize the differences between the Single Resource Boss and Incident Commander. | 3. Recognize the need to apply the Incident Command System (ICS) in various situations. | 4. Discernment of proper communication with crews in pre-incident conditions and needs, current fire situations, and post incident debriefs. | 5. Understanding of the tasks of an Ignition Specialist Type II and Single Resource Boss. | 6. Awareness of the knowledge and skills to perform the tasks of the positions in the Incident Command System (ICS).	Fire Certifications, HazMat Awareness, HazMat Operations	International Fire Service Accreditation Congress (IFSAC)
Nursing	Associate Degree	Nursing, ASN	51.3801	The UVU Nursing Program is a student-centered engaged learning experience where faculty facilitates learning nursing care through simulation and patient care. The Associate in Science in Nursing w/BSN Completion (ASN) program prepares the graduate to function individually as a member of the healthcare team in structured healthcare settings in which clients have common health problems. Acceptance into the ASN program is by a competitive, point-based application process. Prerequisite courses must be completed before applying to the program. For more information on applying to the ASN program see our website at www.uvu.edu/nursing or contact the Pre-Nursing advisors in LC 404 at 863-6484. After completing the 4 semesters of the ASN program, students would be eligible to graduate with an ASN and apply to take the NCLEX-RN exam. Graduates of the ASN program would be eligible to remain in the program, and seamlessly transition to the Bachelor of Science in Nursing (BSN) portion of the program. BSN completion takes an additional 2 full time semesters if students have also completed all the GE requirements, ZOOL 4400, and MATH 1040 or MATH 2040.	1. Implement skills to meet the individualized needs of patients in healthcare settings. | 2. Use established evidence-based nursing protocols in providing Nursing care for patients. | 3. Use sound judgment and critical reflection of clinical data to prioritize nursing care. | 4. Demonstrate professional attributes including commitment to high ethical standards, continuing education and the ability to collaborate with health care teams. | 5. Apply standards of quality and safety in clinical practice. | 6. Evaluate the effectiveness of nursing care and teaching plans in promoting safety for patients. | 7. Integrate and evaluate personal responsibility and accountability in all aspects of nursing practice	Registered Nurse	Accreditation Commission for Education in Nursing (ACEN)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Public Health	Associate Degree	Public Health, A.S.	51.2208	Students in the Department of Public Health may receive an Associate in Science in Public Health. The AS degree is a stepping stone to a Bachelor of Science in Public Health. A minor in Public Health is available as well as an endorsement for School Health Education.	1. Describe the role and function of basic nutrients in the human body. | 2. Discuss categories of drugs and their effects on the body, risk factors for drug use, drug dependence, and strengths and weaknesses of drug prevention programs. | 3. Describe basic principles of anatomy including anatomic nomenclature, function of organs, and structure of organ systems.		

College of Health and Public Service - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Allied Health	Bachelor's Degree	Dental Hygiene, B.S.	51.0602	Dental hygienists examine patients for signs of oral diseases, such as gingivitis, and provide preventive care, including oral hygiene. Working in a private dental office continues to be the primary place of employment for dental hygienists. For today's dental hygiene professional, there are many other career pathways to explore as well. Employment of dental hygienists is projected to grow 6 percent from 2019 to 2029, faster than the average for all occupations. The demand for dental services will increase as the population ages and as research continues to link oral health to overall health.	1. UVUDH graduates will be able to execute all steps in the dental hygiene process of care. | 2. UVUDH graduates will be able to apply a professional code of ethics which complies with Federal and State laws. | 3. UVUDH graduates will be able to provide health promotion and education services in public health and alternative settings. | 4. UVUDH graduates will be able to successfully graduate and affiliate with professional organizations. | 5. UVUDH graduates will be able to perform self-assessment for professional growth and lifelong learning.	Registered Dental Hygienist	
Allied Health	Bachelor's Degree	Respiratory Therapy, B.S.	51.0908	The BSRT includes five semesters of course study after completion of the first two years of undergraduate curriculum. The program is designed to provide students with educational and clinical competence by emphasizing advanced clinical knowledge, critical thinking, and versatility. Students are engaged in the theoretical, practical, and clinical aspects of adult, pediatric, and neonatal respiratory care. They gain a well-rounded and in-depth knowledge base of respiratory clinical science and its application in health care.	1. Work effectively as a team member with physicians, nurses, therapists and patients as an integral part of the medical community. | 2. Make correct interventional medical decisions based on assessment of patient needs and diagnosis within the scope of therapist driven protocols. | 3. Comply with the ethical and legal parameters of HIPAA in the use and disclosure patients' health information.	Registered Respiratory Therapist	Commission on Accreditation for Respiratory Care (COARC)
Criminal Justice/Law Enforcement	Bachelor's Degree	Criminal Justice, B.S.	43.0103	Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.	1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory. | 2. Students will demonstrate the skills necessary to communicate effectively in writing, solve complex problems demonstrating they can see problems from multiple perspectives and still support their final conclusions with persuasive arguments. | 3. Students can describe and implement the main principles of the United States Constitution. Specifically, they will demonstrate they can properly apply Constitutional principles relating to individual rights and due process to actual criminal justice problems | 4. Students will be able to discuss the complexity of cultural diversity and ethical issues within the criminal justice system. | 5. Students will design and conduct an original research study on a topic related to the study of CJ.		
Criminal Justice/Law Enforcement	Bachelor's Degree	Forensic Science, B.S.	43.0406	See associated emphasis	See associated emphasis		Forensic Science Education Programs Accreditation Commission (FEPAC)
Criminal Justice/Law Enforcement	Emphasis	Forensic Science - Forensic Investigation Emphasis, B.S.	43.0406	The Forensic Investigation Emphasis within the BS in Forensic Science provides an interdisciplinary program that prepares students for public, state, and federal careers with needed forensic investigation subject matter expertise and analytical skills. This emphasis exposes students to the wide variety of critically important forensic investigation techniques, which are currently practiced within various forensic service providers and law enforcement agencies. Students are exposed to various techniques such as the identification and proper collection of evidence found at crime scenes, accurate crime scene documentation skills, forensic photography, death investigations, fingerprint processing/examinations, impression evidence/examination, bloodstain pattern analysis, crime scene reconstruction, firearms and tool mark evidence/examination. Students acquire skills such as critical thinking, writing, expert testimony, and analysis techniques specifically tailored for forensic investigation fieldwork. This emphasis provides students with the overall professional skills, work ethic, and demeanor required of forensic investigators.	Contact the department for information		Forensic Science Education Programs Accreditation Commission (FEPAC)
Criminal Justice/Law Enforcement	Emphasis	Forensic Science - Forensic Laboratory Emphasis, B.S.	43.0406	The Forensic Laboratory Emphasis within the BS in Forensic Science provides students with a comprehensive science-based undergraduate education, which enables students to enter into a forensic science career. This emphasis provides the necessary technical and theoretical knowledge, skills, and abilities of modern forensic techniques. Students employ the theoretical and practical principles of chemistry, biology, physics, and mathematics in order to perform forensic science work commonly conducted within a crime laboratory. Science-based study and application of these principles expose students to a stimulating academic environment conducive to scholarly inquiry. Students gain the knowledge and ability for research-based projects and for potential improvement of the forensic community. Throughout this program, students utilize effective written and oral communication skills required of forensic experts, as well as demonstrate work ethic, professional demeanor, reliability, and proper interpersonal skills.	Contact the department for information		Forensic Science Education Programs Accreditation Commission (FEPAC)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Criminal Justice/Law Enforcement	Bachelor's Degree	National Security Studies, B.A.	45.0902	The BA/BS in National Security Studies (NSS) will provide an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This baccalaureate degree program will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century such as: terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS BA/BS will provide insight and skills needed to succeed in these professions.	1. Acquire general knowledge about the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field. | 2. Gain skills through class simulations and instruction in analytical thinking and reasoning, professional writing, and public speaking and presenting. | 3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.		
Criminal Justice/Law Enforcement	Bachelor's Degree	National Security Studies, B.S.	45.0902	The BA/BS in National Security Studies (NSS) will provide an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This baccalaureate degree program will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century such as: terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS BA/BS will provide insight and skills needed to succeed in these professions.	1. Acquire general knowledge about the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field. | 2. Gain skills through class simulations and instruction in analytical thinking and reasoning, professional writing, and public speaking and presenting. | 3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.		
Emergency Services	Bachelor's Degree	Emergency Services Administration, B.S.	43.0302	See associated emphasis	See associated emphasis		International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Emphasis	Emergency Services Administration - Emergency Care Emphasis, B.S.	43.0302	A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.	1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. | 2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions | 3. Students will be able to communicate effectively orally and in writing. | 4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.		
Emergency Services	Emphasis	Emergency Services Administration - Emergency Leadership Emphasis, B.S.	43.0302	A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.	1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. | 2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions. | 3. Students will be able to communicate effectively. | 4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.		
Emergency Services	Emphasis	Emergency Services Administration - Emergency Management and Disaster Assistance Emphasis, B.S.	43.0302	The Emergency Management and Disaster Assistance emphasis is designed to meet the needs of students aspiring for a career in emergency management and/or disaster assistance at the local, regional, state, or national level.	1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. | 2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions. | 3. Students will be able to communicate effectively orally and in writing. | 4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Nursing	Bachelor's Degree	Nursing, B.S.	51.3801	A bachelor of science in nursing degree prepares students to practice across all types of health care settings. A BSN provides the greatest opportunity for advancement in the nursing field. A BSN is also required for entry into most graduate nursing programs including nurse practitioner, certified nurse anesthetist, nursing educator, or nurse researcher. Students interested in the BSN would first need to complete the ASN program. Acceptance into the ASN program is by a competitive, point-based application process. Prerequisite courses must be completed before applying to the program. For more information on applying to the ASN program see our website at www.uvu.edu/nursing or contact the Pre-Nursing advisors in LC 404 at 863-6484. After completing the 4 semesters of the ASN program, students would be eligible to graduate with an ASN and apply to take the NCLEX-RN exam. Graduates of the ASN program would be eligible to remain in the program, and seamlessly transition to the Bachelor of Science in Nursing (BSN) portion of the program. The BSN at UVU is a completion program and students who are not entering directly from the UVU ASN program must be licensed RNs prior to admission. For more information on entering the program if you are already an RN see the RN to BSN program at www.uvu.edu/nursing.	1. Integrate knowledge and clinical expertise to help patients achieve optimal health outcomes. | 2. Use clinical judgment, critical reflection, and technology to plan, implement, and evaluate theory- and evidence-based nursing practice. | 3. Demonstrate team-building and collaboration strategies in health systems, guided by nursing values and standards. | 4. Establish and maintain a culture of safety in a variety of health care settings by applying standards, theories, and quality improvement.	Registered Nurse	Accreditation Commission for Education in Nursing (ACEN)
Public Health	Bachelor's Degree	Healthcare Administration, B.S.	51.0701	The Bachelor of Science in Healthcare Administration provides students a solid foundation in the skills necessary to serve as an effective and competent administrator within any healthcare setting. Healthcare Administration graduates are prepared to work in entry and middle management positions within public, private, and non-profit health agencies. Responsibilities include administration and management tasks such as developing, planning, managing, and leading health care operations and services, and directing changes in healthcare laws and regulations. The Healthcare Administration program at UVU includes 116 credit hours of coursework and four credit hours of internship experience for a total of 120 credit hours. The Department of Public Health strives to schedule courses to allow students to complete these requirements within a four-year timeframe while meeting the needs of traditional and non-traditional students.	1. Implement business and health care policy by exhibiting intelligence in healthcare operations, business, resource allocation, policy making, and law. | 2. Serve in leadership and management roles demonstrating effective, efficient and ethical leadership | 3. Compare and contrast public, private, and foreign healthcare systems. | 4. Demonstrate proficiency in networking, continuous improvement, operations, leadership, and management upon completion of an internship.		
Public Health	Bachelor's Degree	Public Health, B.S.	51.2201	The Bachelor of Science in Public Health prepares students to serve as effective and competent public health professionals. Public health graduates are equipped with knowledge to help individuals, families, and communities improve and maintain healthy lifestyles. Students will be prepared to assess, plan, implement, manage, and evaluate public health programs. The curriculum provides a solid foundation in health behavior theory, data collection and analysis, social determinants of health, communication and marketing, policy and advocacy, and ethics. Students will be prepared to sit for the Certified Health Education Specialist exam. Public health professionals work in government, private, and nonprofit sectors. Employment settings include healthcare facilities, hospitals, state and local health departments, businesses, worksite wellness programs, schools, universities, and a variety of nonprofit organizations. The public health program at UVU includes 116 credits of coursework and four credits of internship experience for a total of 120 credit hours.	1. Communicate public health information, in both oral and written forms and through a variety of media, to diverse audiences. | 2. Locate, use, evaluate, and synthesize public health information | 3. Assess individual and community needs at the entry level. | 4. Plan and implement health education strategies, interventions and programs at the entry level. | 5. Conduct evaluations and research related to health education at the entry level.		Council on Education for Public Health (CEPH)
Public Health	Bachelor's Degree	School Health Education, B.S.	13.1307	The Bachelor of Science in School Health Education prepares students to serve as competent and effective school health educators. School Health Education graduates are equipped with knowledge and skills to help youth develop, improve, and maintain healthy lifestyles. School Health students will be prepared to plan, create, implement and assess health lesson plans in a school setting as they pertain to the State of Utah Health Curriculum. The School Health Education program at UVU provides a solid foundation in health knowledge, skills, and curriculum through various required courses, including: personal health and wellness, mental & emotional health, nutrition, substance abuse, human diseases, human development, human sexuality, first aid and personal safety. In addition, School Health students will learn and practice skills to help them with the Educative Teacher Performance assessment (edTPA). School Health Educators work in secondary education school settings which are in the public, private, or charter sectors.	1. Prepare and teach developmentally appropriate lessons or learning experiences that lead to achieving health objectives based on the Utah State Secondary Health Education Core Curriculum. | 2. Utilize effective instructional methods and pedagogy to deliver developmentally appropriate lessons or learning experiences that lead to achieving health objectives. | 3. Create and maintain a positive, productive, safe, student-centered learning environment to facilitate student learning. | 4. Utilize formative and summative assessment strategies to determine if students have achieved the desired learning objectives.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

College of Health and Public Service - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Criminal Justice/Law Enforcement	Undergraduate Certificate	Criminal Justice, Certificate of Proficiency	43.0103	The Certificate of Proficiency in Criminal Justice is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency with a focus on a Career and Technical Education (CTE) field while still enrolled in high school that will stack into certificates and associate degrees at UVU. This certificate will be available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the criminal justice field.	1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory. | 2. Students will gather, interpret, and evaluate information in a variety of forms while critiquing a crime scene scenario. | 3. Students will approach complex problems from a diverse perspective while considering alternative solutions when critiquing a crime scene scenario.		
Criminal Justice/Law Enforcement	Undergraduate Certificate	Law Enforcement, Certificate of Proficiency	43.0103	Utah Valley University is a sanctioned provider of the Utah Law Enforcement Academy, the basic training program for certification of law enforcement officers. The academy is divided into two modules. The first, or core, provides training required for certification of special function officers and is foundational for law enforcement and correctional officers. The second module is required for certification as a reserve or law enforcement officer.	Contact the department for information		
Criminal Justice/Law Enforcement	Undergraduate Certificate	National Security Studies, Certificate of Proficiency	45.0902	The NSS certificate of proficiency is aimed at students with a baccalaureate degree who are looking to re-tool or specialize in national security in order to enter or advance in a national security career. The certificate will provide an interdisciplinary program that prepares students for and allows existing professionals to advance in public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This certificate will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century, such as terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS certificate of proficiency will provide insight and skills needed to succeed in these professions.	1. Discuss the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field. | 2. Demonstrate analytical thinking and reasoning, professional writing, and public speaking and presenting skills. | 3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.		
Emergency Services	Undergraduate Certificate	Firefighter Recruit Candidate, Certificate of Completion	43.0203	Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.	1.The student will demonstrate essential job performance functions in order to successfully accomplish State Firefighter and Hazmat Certification skills requirements. 2. The student will analyze, organize and interpret the vast amount of information necessary to successfully accomplish State Firefighter and Hazmat Certification written examination requirements. 3. The student will demonstrate appropriate interpersonal and team related skills necessary to be successful as a team member of a response organization. 4. The student will demonstrate the necessary skills and attitudes in order to prepare for a career in the Fire Service academically, physically and practically. 5. The student will train in a disciplined, stressful, realistic and team-oriented environment, where they will develop the skills used on the fireground and in the firehouse. 6. The student will learn to apply the principles of personal responsibility related to taking ownership of their own performance as well as the performance of the team. 7. The student will define the meaning of success or failure as a team.	Fire Certifications, HazMat Awareness, HazMat Operations	International Fire Service Accreditation Congress (IFSAC)
Emergency Services	Undergraduate Certificate	Paramedic, Certificate of Completion	51.0904	Contact the department for information	Contact the department for information		Commission on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)
Public Health	Undergraduate Certificate	Health, Certificate of Proficiency	50.0001	The Health certificate is available to all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field while still enrolled in high school and stack into certificate, associate and bachelor degrees at UVU. This certificate is available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the Health field.	1. Describe key terms and concepts currently used in the areas of mathematics, biology, human development and nutrition through writing and other assignments. | 2. Discuss the relevance of biology, human development and nutrition to concerns of society through writing and other assignments. | 3. Apply the process of science by generating hypotheses, critically evaluating data, and solving problems.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Public Health	Undergraduate Certificate	Health and Wellness Coaching, Certificate of Proficiency	51.0001	Health and wellness coaching professionals work in government, private, and nonprofit sectors as expert facilitators of sustainable change in mindset and behaviors. Health and wellness coaches are equipped with evidence-based coaching tools to help individuals improve and maintain healthy lifestyles. Students will be prepared to assess, plan, and help individuals implement health and nutrition lifestyle changes. The curriculum provides a solid foundation in essential theories of coaching science and the application of coaching skills, as well as how to assist clients with wellness mapping and practical hands-on mentoring. Employment settings include healthcare facilities, hospitals, state and local health departments, businesses, worksite wellness programs, and a variety of nonprofit organizations. The wellness coaching certificate program at UVU will stack into both the associate and bachelor degrees in Public Health.	1. Facilitate wellness behavior change by empowering the client to self-discover values, resources, and strategies that are individualized and meaningful. | 2. Identify risk factors for chronic disease and recommend lifestyle changes to optimize health and wellness. | 3. Use empathy and emotional availability to create a positive rapport with clients and ensure their wellness needs are being met. | 4. Develop client wellness plans while considering personal preference and goals. | 5. Demonstrate best practices for communication such as active listening, writing for clarity, and responding professionally to inquiries.		
Public Health	Undergraduate Certificate	Public and Community Health, Certificate of Proficiency	51.2208	The Certificate of Proficiency in Public and Community Health is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate is available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement and learn more about Public and Community Health as a career field.	1. Describe key terms and concepts currently used in the areas of mathematics, first aid, interpersonal communication and nutrition through writing and other assignments. | 2. Discuss the relevance of first aid, interpersonal communication and nutrition to concerns of society through writing and other assignments. | 3. Apply the process of science by generating hypotheses, critically evaluating data, and solving problems.		

College of Health and Public Service - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Criminal Justice/Law Enforcement	Minor	Criminal Justice, Minor	43.0103	Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.	1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory. | 2. Students will gather, interpret, and evaluate information in a variety of forms while critiquing a crime scene scenario. | 3. Students will approach complex problems from a diverse perspective while considering alternative solutions when critiquing a crime scene scenario.		
Criminal Justice/Law Enforcement	Minor	National Security Studies, Minor	45.0902	The Minor in National Security Studies provides an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. The minor exposes students to the wide variety of critically important security challenges and issues faced in the twenty-first century, such as terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the Minor in National Security Studies provides the insight and skills needed to succeed in these professions.	1. Discuss the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field. | 2. Demonstrate analytical thinking and reasoning, professional writing, and public speaking and presenting skills. | 3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.		
Emergency Services	Minor	Homeland Security, Minor	43.0301	The Minor in Homeland Security is an interdisciplinary learning opportunity for fostering the knowledge, skills, and abilities associated with public and private positions relating to homeland security. The program is structured for students across different academic disciplines desiring a richer understanding, as well as an academic credential, specific to homeland security. The purpose of the minor is to broaden the learner's understanding of homeland security so as to complement their chosen field of study such as criminal justice, emergency management, emergency services, and national security studies or take a combination of classes in any or all of the four areas. Those choosing to pursue this minor will grow in their critical thinking and decision-making skillset. In addition, the program hones the learner's ability to communicate through the written word, function and produce deliverables within a virtual/remote environment, discover pertinent usable intelligence within large amounts of data, and gist information for building succinct briefings.	1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in homeland security. (Applies to ELO #1 Discipline-appropriate experiences and ELO #4 Professional competence.) | 2. Students will use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions in the fields of homeland security. (Applies to ELO #2 Intellectual and practical skills and ELO #3 Ethical reasoning and understanding.) | 3. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity and apply this knowledge to homeland security. (Applies to ELO #5 Stewardship of local, national and global communities and ELO #6 Knowledge of human cultures and the physical and natural.)		
Public Health	Minor	Healthcare Administration, Minor	51.2211	An undergraduate minor in Healthcare Administration provides students in different programs a solid foundation in the skills necessary to serve as an effective and competent administrator within any healthcare setting. Healthcare Administration students are prepared to work in entry and middle management positions within public, private, and non-profit health agencies. Responsibilities include administration and management tasks such as developing, planning, managing, and leading health care operations and services, and directing changes in healthcare laws and regulation. Opportunities exists in industries such as health care systems, technology industries, data analytics, health insurance, innovation, business, and wellness. There is increased demand for employees with knowledge of healthcare administration in a variety of settings. This minor would be beneficial for students majoring in Business, Pre-Professional (pre-med, pre-dental, pre-physical therapy), Nursing and Allied Health fields (Respiratory Therapy, Dental Hygiene, etc.), Behavioral Sciences, Information Systems, Public Health or any other health-related field. The Department of Public Health strives to schedule courses to allow students to obtain this minor with little to no additional time in school. The Healthcare Administration minor at UVU includes 18 credit hours of coursework.	1. Implement business and health care policy by exhibiting intelligence in healthcare operations, business, resource allocation, policy making, and law. | 2. Serve in leadership and management roles demonstrating effective, efficient and ethical leadership. | 3. Compare and contrast public, private, and foreign healthcare systems. | 4. Demonstrate proficiency in networking, continuous improvement, operations, leadership, and management upon completion of an internship.		
Public Health	Minor	Nutrition, Minor	30.1901	A minor in nutrition allows students to get a more in-depth understanding of nutritional concepts, adding value to their major field and increasing potential employability. In addition to the general nutrition course, students will take courses exploring nutritional needs at various life stages, issues surrounding body image and weight management, the ways in which nutrition impacts disease, public health nutritional approaches, and cultural aspects of health and nutrition. Students will learn practical application skills, allowing for nutritional integration into their field of study. For many governmental, healthcare, and non-governmental organization employment opportunities, an understanding of nutrition is advantageous in finding employment.	1. Explain the fundamental nutritional principles, concepts, language and history. | 2. Evaluate research in nutrition. | 3. Communicate nutritional information to patients, families, and healthcare providers. | 4. Identify culturally appropriate nutritional needs for individuals in various life stages. | 5. Explain interventions for nutrition-related diseases and conditions.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Public Health	Minor	Public Health, Minor	51.2201	The Public Health minor prepares students to serve as effective and competent health professionals. The curriculum provides a solid foundation in nutrition, drugs, human sexuality, and health behavior theory. Students will be equipped to identify factors that influence health choices and to apply health theories to help individuals, families, and communities improve and maintain healthy lifestyles. The Public Health minor compliments majors related to the health professions including pre-med, pre-dental, nursing, dental hygiene, and respiratory therapy.	1. Identify factors that influence health choices in individuals and populations. | 2. Describe basic concepts of nutrition, drugs, and human sexuality. | 3. Discuss political, economic, and social factors influencing the organization and delivery of community health services. | 4. Describe the major responsibilities of the Health Educator in Health Education practice. | 5. Apply contemporary models and theories to develop behavior change interventions.		
Public Health	Minor	School Health Education, Minor	13.1307	Contact the department for information	Contact the department for information		

College of Health and Public Service - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
College of Health and Public Service	Master's Degree	Master of Public Administration, M.P.A.	44.0401	Contact the department for information	1. Generate evidence-based strategies to public service-related problems in a dynamic and constantly changing environment. | 2. Prepare public service budgets using public finance principles and procedures. | 3. Evaluate the legal, regulatory, human resource, and ethical issues surrounding public service delivery. | 4. Develop leadership and organizational skills for all career levels within public services. | 5. Demonstrate written and verbal communication skills to address public service-related problems.		
Nursing	Master's Degree	Master of Science in Nursing, M.S.N.	51.3801	The Master of Science in Nursing program prepares post-baccalaureate nursing students for advanced practice roles as nurse educators in academic settings and/or clinical nurse educators in healthcare institutions. The program includes core courses essential to master-level nursing programs as well as courses designed to prepare nurses to assume roles as academic nurse educators and/or clinical nurse educators. Program content focuses on theoretical foundations of nursing education and leadership; tests and measurements of learning outcomes; curriculum development, implementation and evaluation; and academic and clinical teaching. Program courses provide skills and strategies for facilitation of learning in a variety of settings.	1. Facilitate the development, implementation and evaluation of health policy and health care delivery. | 2. Critically evaluate research and evidence applying standards of reliability and validity. | 3. Apply research and evidence with appropriate discrimination and discernment. | 4. Gather, evaluate, and utilize evidence for the improvement of patient outcomes. | 5. Function as a leader in the professional healthcare team. Function as a change agent at the point of care and within the health care system. | 6. Develop and implement programs to achieve educational outcomes based on learners' needs. | 7. Create products that advance the science of nursing at the point of care in health care delivery, nursing education, or safety and quality practices.	Registered Nurse	Accreditation Commission for Education in Nursing (ACEN)
Physician Assistant	Master's Degree	Master of Physician Assistant Studies	51.0912	The UVU PA Program is a full-time, 28-month, year-round graduate program, consisting of 95 credit hours completed over 7 semesters. The curriculum structure is specially designed to prepare students with the knowledge, skills, and confidence to become competent PAs who demonstrate interpersonal and communication skills that result in more effective and compassionate patient care. All MPAS didactic courses are offered and must be fulfilled on location at UVU west campus. There are no provisions for substituting or waiving program courses.	1. Demonstrate knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care. | 2. Demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. | 3. Provide person-centered care that includes patient- and setting-specific assessment, evaluation, and management and healthcare that is evidence-based, supports patient safety, and advances health equity. | 4. Demonstrate the ability to engage with a variety of other healthcare professionals in a manner that optimizes safe, effective, patient- and population-centered care | 5. Demonstrate a commitment to practicing medicine in ethically and legally appropriate ways and emphasizing professional maturity and accountability for delivering safe and quality care to patients and populations. | 6. Demonstrate the ability to learn and implement quality improvement practices by engaging in critical analysis of one's own practice experience, the medical literature, and other information resources for the purposes of self-evaluation, lifelong learning, and practice improvement. | 7. Recognize and understand the influences of the ecosystem of person, family, population, environment, and policy on the health of patients and integrate knowledge of these determinants of health into patient care decisions.	Physician Assistant	Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA)

College of Humanities and Social Sciences

College of Humanities and Social Sciences - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Communication	Associate Degree	Humanities and Social Sciences, A.A.	24.0101	The AA/AS in Humanities and Social Sciences is designed to (a) allow students to explore different majors and career paths within the humanities and social sciences, (b) provide a completion point for students who do not want to pursue a bachelor's degree, and (c) facilitate transfer to another institution for students who would like to finish their bachelor's degree elsewhere. The curriculum consists of 35 credits of general education, 12 credits of electives in the College of Humanities and Social Sciences, and 1 3 free electives from any college within the university.	1. Discover connections among disciplines. | 2. Develop critical thinking. | 3. Demonstrate knowledge of human cultures and the physical and natural world as studied in humanities and social sciences. | 4. Appropriately use the conventions associated with writing and speaking.		
Communication	Associate Degree	Humanities and Social Sciences, A.S.	24.0101	The AA/AS in Humanities and Social Sciences is designed to (a) allow students to explore different majors and career paths within the humanities and social sciences, (b) provide a completion point for students who do not want to pursue a bachelor's degree, and (c) facilitate transfer to another institution for students who would like to finish their bachelor's degree elsewhere. The curriculum consists of 35 credits of general education, 12 credits of electives in the College of Humanities and Social Sciences, and 1 3 free electives from any college within the university.	1. Discover connections among disciplines. | 2. Develop critical thinking. | 3. Demonstrate knowledge of human cultures and the physical and natural worlds studied in humanities and social sciences. | 4. Appropriately use the conventions associated with writing and speaking.		
Philosophy and Humanities	Associate Degree	Humanities, A.A.	24.0103	The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.	1. Students will formulate complex ideas and persuasive, original arguments in writing and speech, with particular attention to the practice of critical writing.		
Philosophy and Humanities	Associate Degree	Humanities, A.S.	24.0103	The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.	1. Students will formulate complex ideas and persuasive, original arguments in writing and speech, with particular attention to the practice of critical writing. | 2. Through the development of skills, students will learn to 1) write and speak effectively in a variety of settings (e.g. academic, civic and professional); 2) appropriately use the conventions associated with writing and speaking; 3) acquire an awareness of audience and purpose; and 4)formulate and recognize a coherent problem and a reasonable solution.		

College of Humanities and Social Sciences - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Behavioral Science	Bachelor's Degree	Anthropology, B.A.	45.0201	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.	1. Students will master anthropological theory and gain the capacity to use these theories to analyze empirical findings of the field. | 2. Students learn to apply methods for learning about social processes and cultural/ideological differences | 3. Students will learn to produce and effectively communicate their own arguments and studies on society, culture, and history. These arguments will draw on professional literature and data, both gathered by others and by themselves.		
Behavioral Science	Bachelor's Degree	Anthropology, B.S.	45.0201	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.	1. Students will master anthropological theory and gain the capacity to use these theories to analyze empirical findings of the field. | 2. Students learn to apply methods for learning about social processes and cultural/ideological differences | 3. Students will learn to produce and effectively communicate their own arguments and studies on society, culture, and history. These arguments will draw on professional literature and data, both gathered by others and by themselves.		
Behavioral Science	Bachelor's Degree	Family Science, B.A.	19.0707	The Family Science program closely aligns with the requirements of the National Council on Family Relations (NCFR). [NCFR is the premier professional association in the family science field, and these standards require that students gain knowledge and expertise in ten key areas] and is an approved program for the Certified Family Life Educator (CFLE).	1. Upon successful completion, students will be able to create educational interventions for individuals and families. | 2. Upon successful completion, students will be able to demonstrate knowledge and skill related to the ten areas outlined for Certified Family Life Educators by the National Council on Family Relations. | 3. Upon successful completion, students will apply best practices for communication and conflict management in interpersonal relationships and family systems. | 4. Upon successful completion, students will demonstrate the ability to work with diverse populations and underserved communities.		
Behavioral Science	Bachelor's Degree	Family Science, B.S.	19.0707	The Family Studies program closely aligns with the requirements of the National Council on Family Relations (NCFR). [NCFR is the premier professional association in the family science field, and these standards require that students gain knowledge and expertise in ten key areas] and is an approved program for the Certified Family Life Educator (CFLE).	1. Create educational interventions for individuals and families. | 2. Demonstrate knowledge and skills related to the ten areas outlined for Certified Family Life Educators by the National Council on Family Relations | 3. Apply best practices for communication and conflict management in interpersonal relationships and family systems | 4. Demonstrate the ability to work with diverse populations and under served communities		
Behavioral Science	Bachelor's Degree	Psychology, B.A.	42.0101	The BA in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.	1. Critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors. | 2. Write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument. | 3. Interpret, design, and evaluate psychological research. | 4. Demonstrate a critical understanding of the impact of societal inequality and oppression on psychological processes.		
Behavioral Science	Bachelor's Degree	Psychology, B.S.	42.0101	The BS in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.	1. Critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors. | 2. Write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument. | 3. Interpret, design, and evaluate psychological research. | 4. Demonstrate a critical understanding of the impact of societal inequality and oppression on psychological processes.		
Behavioral Science	Bachelor's Degree	Social Work, B.S.W.	44.0701	The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).	1. Demonstrate Ethical and Professional Behavior | 2. Engage Diversity and Difference in Practice Advance Human Rights and Social, Economic, And Environmental Justice | 3. Engage in Practice-informed Research and Research-Informed Practice | 4. Engage in Policy Practice Engage with Individuals, Families, Groups, Organizations, and Communities | 5. Assess Individuals, Families, Groups, Organizations, and Communities | 6. Intervene with Individuals, Families, Groups, Organizations, and Communities. | 7. Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities	Social Service Worker	Council on Social Work Education (CSWE)
Behavioral Science	Bachelor's Degree	Sociology, B.A.	45.1101	Sociology is the scientific study of society which includes studying individuals in their primary and secondary groups and larger social institutions. It examines the social context of individual and collective lives. Sociology is a relatively young discipline that describes, explains, and predicts social interactions and institutions using theoretical as well as social scientific methods of inquiry. According to the American Sociological Association, the essential concepts that students will learn within sociology are social construction of everyday life and sociological imagination; social structure; socialization; social stratification, and social change. Students will also gain competencies in critical and theoretical thinking and application of social scientific methodology towards rigorous data analysis.	1. Apply Sociological Theories to Understand Social Phenomena. | 2. Critically Evaluate Explanations of Human Behavior and Social Phenomena. | 3. Apply Scientific Principles to Understand the Social World. | 4. Evaluate the Quality of Social Scientific Methods and Data. | 5. Rigorously Analyze Social Scientific Data. | 6. Use Sociological Knowledge to Inform Policy Debates and Promote Public Understanding.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Behavioral Science	Bachelor's Degree	Sociology, B.S.	45.1101	Sociology is the scientific study of society which includes studying individuals in their primary and secondary groups and larger social institutions. It examines the social context of individual and collective lives. Sociology is a relatively young discipline that describes, explains, and predicts social interactions and institutions using theoretical as well as social scientific methods of inquiry. According to the American Sociological Association, the essential concepts that students will learn within sociology are social construction of everyday life and sociological imagination; social structure; socialization; social stratification, and social change. Students will also gain competencies in critical and theoretical thinking and application of social scientific methodology towards rigorous data analysis.	1. Students will be able to distinguish between basic concepts and theoretical perspectives in sociology and how they are used in sociological explanations of social behavior. | 2. Students will be able to distinguish and apply core substantive areas of sociological inquiry. | 3. Students will be able to express sociological ideas critically, clearly, and coherently both in writing and in oral presentations. | 4. Students will collect, analyze, and interpret empirical evidence in sociological research.		
Communication	Bachelor's Degree	Applied Communication, B.A.	9.09	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of applied communication. This degree prepares students with the necessary skills to (a) examine a wide range of diverse issues, including the communication needs of organizations, effective social interaction, improvement of health care understandings or delivery, implementation of behavioral interventions, training to improve communication, and activist efforts to achieve social change, (b) methodological and (c) theoretical competence to address issues of applied communication, and (d) to practice oral, written, and critical thinking skills.	1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level. | 2. Research Expertise: Students develop in-depth and critical thinking/professional skills. | 3. Application of Foundational Knowledge and Research Expertise: Students apply knowledge and expertise to real-world situations and/or research questions. | 4. Diversity and Cultural Perspectives: Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.		
Communication	Bachelor's Degree	Applied Communication, B.S.	9.0999	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of applied communication. This degree prepares students with the necessary skills to (a) examine a wide range of diverse issues, including the communication needs of organizations, effective social interaction, improvement of health care understandings or delivery, implementation of behavioral interventions, training to improve communication, and activist efforts to achieve social change, (b) methodological and (c) theoretical competence to address issues of applied communication, and (d) to practice oral, written, and critical thinking skills.	1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level. | 2. Research Expertise: Students develop in-depth and critical thinking/professional skills. | 3. Application of Foundational Knowledge and Research Expertise: Students apply knowledge and expertise to real-world situations and/or research questions. | 4. Diversity and Cultural Perspectives: Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.		
Communication	Bachelor's Degree	Public Relations and Strategic Communication, B.A.	9.09	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.	Contact the department for information		
Communication	Bachelor's Degree	Public Relations and Strategic Communication, B.S.	9.09	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.	Contact the department for information		
English and Literature	Bachelor's Degree	English, B.A.	23.0101	See associated emphasis	See associated emphasis		
English and Literature	Emphasis	English - Creative Writing Emphasis, B.A.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	1. Acquire increasing mastery of techniques associated with writing fiction, non-fiction, and poetry. Mastery of narrative or poetic techniques will double, on average, over the course of the program. | 2. Students will acquire increasing mastery of formal characteristics, rhetoric, mechanics, and formatting. Mastery of formal characteristics will double, on average, over the course of the program. | 3. Students will innovate in form or content. Mastery of conventions and willingness to use them strategically will double, on average, over the course of the program.		
English and Literature	Emphasis	English - Literary Studies Emphasis, B.A.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
English and Literature	Emphasis	English - Writing Studies Emphasis, B.A.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	Contact the department for information		
English and Literature	Bachelor's Degree	English, B.S.	23.0101	See associated emphasis	See associated emphasis		
English and Literature	Emphasis	English - Creative Writing Emphasis, B.S.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	1. Acquire increasing mastery of techniques associated with writing fiction, non-fiction, and poetry. Mastery of narrative or poetic techniques will double, on average, over the course of the program. | 2. Students will acquire increasing mastery of formal characteristics, rhetoric, mechanics, and formatting. Mastery of formal characteristics will double, on average, over the course of the program. | 3. Students will innovate in form or content. Mastery of conventions and willingness to use them strategically will double, on average, over the course of the program.		
English and Literature	Emphasis	English - Literary Studies Emphasis, B.S.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	Contact the department for information		
English and Literature	Emphasis	English - Writing Studies Emphasis, B.S.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	1: Apply a range of rhetorical theory (from classical to contemporary) to the analysis of both academic and public/popular texts' construction and effectiveness. 80% of students will score at or above a 3. 2: Compose multimodal documents that successfully synthesize text and other design elements (graphical, aural, interactivity, etc.) with rhetorical purpose. 80% of students will score at or above a 3. 3: Reflect upon and synthesize the relevance and applicability of coursework to the successful completion of a Writing Studies related internship.		
English and Literature	Bachelor's Degree	English Education, B.A.	23.0101	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	1. Students will design lessons that are focused on helping students achieve the stated ILO. 80% of the students will score a 3 or higher on the final assessment. | 2. Students will design lesson plans that follows a logical sequence and plans for effective transitions between activities. | 3. Students will design lesson plans with instructional approaches, learning strategies, and lesson activities that are varied in nature and structure so as to include all learners.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
English and Literature	Bachelor's Degree	English Education, B.S.	13.1305	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	1. Students will design lessons that are focused on helping students achieve the stated ILO. 80% of the students will score a 3 or higher on the final assessment. | 2. Students will design lesson plans that follows a logical sequence and plans for effective transitions between activities. | 3. Students will design lesson plans with instructional approaches, learning strategies, and lesson activities that are varied in nature and structure so as to include all learners.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
History and Political Science	Bachelor's Degree	History, B.A.	54.0101	UVU's History Program is dedicated to developing the twenty-first century student. We provide the general student body a broad range of courses that increase global awareness, engagement and informed citizenship, as well as develop critical thinking, writing, and oral expression. In addition, History majors can choose from a large number of in-depth upper division courses that further their content knowledge and expand their abilities to critically analyze past and current events in a variety of regions and nations. In all courses, students and faculty observe the human experience by investigating the diverse historical perspectives of the past and present. History faculty endeavor to teach in ways that foster independent thinking, engage the students with historical conversations and debates, and improve students' ability to communicate in a variety of media. Students who successfully complete our programs will have a valuable set of skills for further study in graduate and professional programs, and careers in public service or private enterprise.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate proficiency with multiple historical methodologies. | 3. Demonstrate competency in identifying various historical schools of thought (historiography). | 4. Conduct and present research in the discipline using primary documents.		
History and Political Science	Bachelor's Degree	History and Social Studies Education, B.S.	13.1328	The BS in History and Social Sciences Education prepares teacher candidates to meet the UETS (Utah Effective Teaching Standards) and the InTASC (Interstate Teacher Assessment and Support Consortium) Standards in history and social sciences education. The program is to provide coursework and experiences that will prepare competent, caring, and qualified individuals who are ready to assume the role of teacher and to prepare them for further career choices and advancement. Candidates enter the program at the junior level of their undergraduate education where they have completed general education and pre-program required courses and in so doing have a background in the arts and sciences which prepares them with a general content knowledge base.	1. Identify key aspects of learner development, learning differences and learning environments. | 2. Implement the central concepts and tools of inquiry of history and the social sciences to engage learners. | 3. Design instruction that reaches the learner in various methods according to professional standards. | 4. Demonstrate professional responsibility through professional development and leadership opportunities.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
History and Political Science	Bachelor's Degree	Political Science, B.A.	45.1001	See associated emphasis	See associated emphasis		
History and Political Science	Emphasis	Political Science - American Government Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the "queen of the sciences." It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow's public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Global Politics Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the "queen of the sciences." It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow's public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Indian Affairs Administration Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the "queen of the sciences." It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow's public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
History and Political Science	Emphasis	Political Science - Peace & Justice Studies Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Public Administration and Public Policy Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Public Law & Political Philosophy Emphasis, B.A.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Bachelor's Degree	Political Science, B.S.	45.1001	See associated emphasis	See associated emphasis		
History and Political Science	Emphasis	Political Science - American Government Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Global Politics Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Indian Affairs Administration Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
History and Political Science	Emphasis	Political Science - Peace & Justice Studies Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Public Administration and Public Policy Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
History and Political Science	Emphasis	Political Science - Public Law & Political Philosophy Emphasis, B.S.	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills. | 2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature. | 3. Acquire civic knowledge and understand how it is important for civic engagement.		
Integrated Studies	Bachelor's Degree	Integrated Studies, B.A.	30.9999	The individualized nature of the Integrated Studies degree is attractive to students with multiple interests. Students integrate course work in emphases such as biology, earth science, business, health, literature, languages, communication, philosophy, psychology, sociology, anthropology, and the arts. Emphases from computer science and information systems, accounting, technology management, and physical education are also offered as part of this degree.	1. Graduates will be able to gather and analyze information to develop a Capstone Thesis which incorporates knowledge from their two (or three) emphasis areas, upper division theory courses, and Integrated Studies topics courses. | 2. Graduates will be able to discuss and defend their Capstone Thesis/Project with particular attention to how concepts from their emphases are incorporated through work on a problem that requires interdisciplinary tools. | 3. Graduates will be able to apply research and writing skills to demonstrate informational and technical literacy.		
Integrated Studies	Bachelor's Degree	Integrated Studies, B.S.	30.9999	The individualized nature of the Integrated Studies degree is attractive to students with multiple interests. Students integrate course work in emphases such as biology, earth science, business, health, literature, languages, communication, philosophy, psychology, sociology, anthropology, and the arts. Emphases from computer science and information systems, accounting, technology management, and physical education are also offered as part of this degree.	1. Graduates will be able to gather and analyze information to develop a Capstone Thesis which incorporates knowledge from their two (or three) emphasis areas, upper division theory courses, and Integrated Studies topics courses. | 2. Graduates will be able to discuss and defend their Capstone Thesis/Project with particular attention to how concepts from their emphases are incorporated through work on a problem that requires interdisciplinary tools. | 3. Graduates will be able to apply research and writing skills to demonstrate informational and technical literacy.		
Languages and Culture	Bachelor's Degree	American Sign Language Secondary Education, B.A.	13.1003	This four-year degree prepares students to teach ASL & Deaf Studies in secondary education (grades 7-12) settings. Students take major courses from the Languages department and licensure courses through the School of Education. This degree requires separate application to the School of Education. Bachelor of Arts in ASL and Deaf Studies Education	1. Student will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to interpret meaning in either oral or written forms with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 4. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels. | 5. Students will be able to apply pedagogical/interpreting theories, knowledge & skills.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Languages and Culture	Bachelor's Degree	Deaf Studies, B.A.	16.1601	This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Deaf-World. Students choose among two emphases. There is no special application process, but for students to qualify for the Interpreting Studies emphasis, they will need to pass ASL 3060 (American Sign Language Proficiency). Students should declare their major by contacting the academic advisor for the Languages Department.	See associated emphasis		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Languages and Culture	Emphasis	Deaf Studies - General Deaf Studies Emphasis, B.A.	16.1601	This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Deaf-World. Students choose among two emphases. There is no special application process, but for students to qualify for the Interpreting Studies emphasis, they will need to pass ASL 3060 American Sign Language Proficiency. Students should declare their major by contacting the academic advisor for the Languages Department. The General Deaf Studies Emphasis provides an opportunity for students to gain advanced ASL skills and thorough knowledge of the Deaf-World. Graduates with this emphasis will be prepared to work in various fields related to deafness. They will also work in fields that are not specifically tied to the Deaf-World but which require the skills and knowledge cultivated through the acquisition of any liberal arts degree. This emphasis is also terrific preparation for graduate school in any number of disciplines.	1. Students will be able to identify the major features of and issues in Deaf communities and Deaf cultures at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to use digital media technologies to produce language and messages in video format that can be understood by members and users of the target language. | 3. Students will be able to analyze critically ways sociocultural history influences a Deaf individual's sense of self and relationship with others. | 4. Students will be able to describe communication between hearing people and Deaf people that is vital to society. | 5. Students will be able to demonstrate an appreciation of deaf and hard of hearing people's contributions to the visual arts and humanities. | 6. Students will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels | 7. Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels. | 8. Students will be able to use linguistic and cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities. | 9. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.		
Languages and Culture	Emphasis	Deaf Studies - Interpreting Emphasis, B.A.	16.1601	This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Deaf-World. Students choose among two emphases. There is no special application process, but for students to qualify for the Interpreting Studies emphasis, they will need to pass ASL 3060 American Sign Language Proficiency. Students should declare their major by contacting the academic advisor for the Languages Department. Currently there is a significant shortage of professional interpreters working with Deaf and hard-of-hearing American Sign Language-using populations across the United States. The Interpreting Emphasis provides training and focus for students to develop professional bidirectional interpreting skills for obtaining state, regional, and national interpreting certifications.	1. Students will be able to produce, negotiate, and interpret meaning linguistically (original or abstract) with members of the target language via signing, speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to demonstrate linguistic and professional usage of the interpreting process in a culturally appropriate manner. | 3. Students will be able to pragmatically apply interpreting theories, knowledge and skills In decision-making tasks. | 4. Students will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels. | 5. Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels. | 6. Students will be able to use linguistic and cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities. | 7. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.		
Languages and Culture	Bachelor's Degree	French Education, B.A.	13.1325	This four-year degree prepares students to teach French in secondary education settings. It also prepares students to qualify for the Dual Language Immersion (DLI) Endorsement. Students take major courses from the Department of Languages and Cultures and licensure and endorsement courses through the School of Education. This degree requires separate application to the School of Education.	1. Fluent in the target language, which includes being able to discuss (and respond to) the cultures associated with the target language ("cultural fluency"); | 2. Able to align all lessons and pedagogical practices with the ACTFL Standards; | 3. Knowledgeable on effective classroom practices as they relate to the instruction of French and French and Francophone cultures at the secondary level; | 4. Effectively participate in a community of teachers and learners in a secondary school setting, which includes being able to demonstrate the knowledge, skills, and abilities expected of a French teacher at the secondary level, as defined by the School of Education and the Department of Languages and Cultures. | 5. Students will be able to use content specific L2 pedagogical approaches in the second language classroom to teach reading, writing, listening, and speaking skills that align with ACTFL standards.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Languages and Culture	Bachelor's Degree	Spanish, B.A.	16.0905	This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Spanish language and culture. There is no special application process, but students should declare their major by contacting the academic advisor for the Languages department.	1. Student will be able to negotiate meaning with individuals via speaking, writing, reading or signing at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to interpret meaning in either oral, written or visual form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 4. Student will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Rating of the ACTFL Cultural Awareness descriptor.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Languages and Culture	Bachelor's Degree	Spanish Education, B.A.	13.133	This four-year degree prepares students to teach Spanish in Secondary education (grades 7-12) settings. Students take major courses from the Languages and Cultures department and licensure courses through the School of Education. This degree requires separate application to the School of Education.	1. Student will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to interpret meaning in either oral or written forms with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels | 4. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels. | 5. Students will be able to apply pedagogical theories, knowledge and skills.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Philosophy and Humanities	Bachelor's Degree	Humanities, B.A.	24.0103	The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.	1. Have strong oral and written communication skills. | 2. Develop expertise in research and scholarly activities. | 3. Have discipline-specific knowledge and be able to apply that knowledge critically to solve problems using sophisticated methods of inquiry and logic. | 4. Effectively navigate intercultural environments locally to globally. | 5. Be prepared for employment or graduate education.		
Philosophy and Humanities	Bachelor's Degree	Philosophy, B.A.	38.0101	Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.	1. Ability to analyze, evaluate, and construct reasons and arguments. | 2. Ability to formulate and clearly explain ideas and arguments in writing and speech. | 3. Ability to identify, understand and evaluate the basic content of some philosophical theories. | 4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.		
Philosophy and Humanities	Bachelor's Degree	Philosophy, B.S.	38.0101	Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.	1. Ability to analyze, evaluate, and construct reasons and arguments. | 2. Ability to formulate and clearly explain ideas and arguments in writing and speech. | 3. Ability to identify, understand and evaluate the basic content of some philosophical theories. | 4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.		

College of Humanities and Social Sciences - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Behavioral Science	Undergraduate Certificate	Advanced Substance Use Disorder Counseling, Certificate of Proficiency	51.1501	The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).	1. Students will be able to identify behaviors and problems related to substance use. | 2. Students will be able to develop personalized recovery programs that establish healthy behaviors and coping strategies for clients.	Certified Advanced Substance Use Disorder Counselor	
Behavioral Science	Undergraduate Certificate	Interdisciplinary Gerontology, Certificate of Proficiency	30.1101	This is an interdisciplinary undergraduate gerontology certificate that allows students to build a unique set of credentials they compose from a menu of existing UVU courses that meet the guidelines set forth by the Association for Gerontology in Higher Education (AGHE).	1. Identify simple and complex issues that the gerontology population face. | 2. Develop plans, protocols, and strategies to address issues within the gerontology population. | 3. Implement plans and strategies while working with the gerontology population.		
Behavioral Science	Undergraduate Certificate	Substance Use Disorder Counseling, Certificate of Proficiency	51.1501	The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).	1. Students will be able to identify behaviors and problems related to substance use. | 2. Students will be able to develop personalized recovery programs for their clients that establish healthy behaviors and coping strategies and they will do so in strict adherence to professional ethics.	Certified Advanced Substance Use Disorder Counselor	
English and Literature	Undergraduate Certificate	Editing and Document Design, Certificate of Proficiency	23.1301	UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.	Contact the department for information		
Languages and Culture	Undergraduate Certificate	Japanese Language, Certificate of Proficiency	16.0302	The Japanese Language-Certificate of Proficiency focuses on language development and culture. This program provides students an opportunity to prove their proficiency in the Japanese language and use their cultural abilities in their careers. Upon successful completion of this certificate students will be proficient in Japanese at an intermediate level.	1. Communicate in Japanese at an intermediate level. | 2. Demonstrate Japanese cultural norms in workforce settings. | 3. Build relationships within a Japanese global environment.		
Philosophy and Humanities	Undergraduate Certificate	Ethics, Certificate of Proficiency	38.0103	A student in the Ethics program is offered an innovative approach in correlating various disciplines with structured ethical research. The program offers students opportunities to enhance their capacity to enter their chosen professions, careers, and vocations as ethical leaders. Students will examine real world ethical issues in the context of various disciplines, a valuable credential for employment and further education. UVU has had a vested interest in Interdisciplinary Ethics since the 1980s, offering prestigious programs such as Ethics Across the Curriculum and hosting the only Ethics Center in the USHE system. The undergraduate Ethics curriculum and the Center for the Study of Ethics have received repeated national recognitions for their innovative and influential programs, conferences, events, symposia, and lecture series that educate students and the community about contemporary ethical issues.	1. To think critically, creatively, and competently about a broad range of ethical issues. | 2. Develop an understanding of how to apply theoretical ethical concepts and principles to real-life situations and conundrums. | 3. Make informed, suitable, compassionate ethical decisions. | 4. Gain a comprehensive understanding of philosophical ethical theories and the interdisciplinarity of ethics. | 5. Ability to work collaboratively with other students. | 6. Communicate with clarity and precision verbally and in writing. | 7. Research, evaluate, analyze, interpret, and assess ethical theories and practices.		
Philosophy and Humanities	Undergraduate Certificate	Interreligious Studies, Certificate of Proficiency	38.9999	Interreligious Studies is an interdisciplinary field that 1) critically engages questions of religious, spiritual, and secular identities, 2) examines how people orient around religion differently, and 3) engages the implications of these interactions for communities, civil society, and global politics. The certificate integrates classroom learning and experiential activities for students to help them develop the theoretical and practical skills necessary to meet the challenges of a complex and dynamic world.	1. Critically reflect upon religious, spiritual, secular identities and other ethical worldviews. | 2. Navigate the conceptual and ethical complexities of diverse religious and worldview communities. | 3. Apply the virtues and best practices of equity and inclusion in communication and interaction. | 4. Evaluate and articulate one's own values and their relationship with other worldview identities.		

College of Humanities and Social Sciences - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Behavioral Science	Minor	Anthropology, Minor	45.0201	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.	Contact the department for information		
Behavioral Science	Minor	Cognitive Neuroscience, Minor	30.2501	The Minor in Cognitive Neuroscience is for students who desire a career in the cognitive or neuroscience areas within psychology, including becoming a human factors consultant, a clinical neuropsychologist, a neuroscience research technician, or director of memory care for individuals with dementia. The curriculum will expose students to understand the biology and chemistry that underlie nervous system functioning and human behavior as well as the relationship between these biological bases and cognition.	1. Students will critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors. | 2. Students will write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument. | 3. Students will demonstrate specialized knowledge regarding the nervous system, cognition, neuropsychological conditions, and research techniques for studying the brain and cognition.		
Behavioral Science	Minor	Family Science, Minor	19.0707	This minor provides individuals insight into relationship and group dynamics. This includes important relationship skills, such as speaking, listening, and other communication skills that could be applied to family and professional settings. Content in the minor may also include important research findings and evidence-based curricula listed on the National Registry of Evidenced-based Programs and Practices (NREPP) on the SAMHSA website.	Contact the department for information		
Behavioral Science	Minor	Psychology, Minor	42.0101	The Minor in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.	1. Students will critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors. | 2. Students will write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument.		
Behavioral Science	Minor	Sociology, Minor	45.1101	Sociology is the scientific study of society which includes studying individuals in their primary and secondary groups and larger social institutions. It examines the social context of individual and collective lives. Sociology is a relatively young discipline that describes, explains, and predicts social interactions and institutions using theoretical as well as social scientific methods of inquiry. According to the American Sociological Association, the essential concepts that students will learn within sociology are social construction of everyday life and sociological imagination; social structure; socialization; social stratification, and social change. Students will also gain competencies in critical and theoretical thinking and application of social scientific methodology towards rigorous data analysis.	1. Apply Sociological Theories to Understand Social Phenomena. | 2. Critically Evaluate Explanations of Human Behavior and Social Phenomena. | 3. Apply Scientific Principles to Understand the Social World. | 4. Evaluate the Quality of Social Scientific Methods and Data.		
Communication	Minor	Applied Communication, Minor	9.09	Programs of study in Communication at UVU offer a balance of analytic and applied approaches to study in the field. The department offers an expanding menu of beginning and advanced courses in mass communication, public relations, media studies, interpersonal communication, intercultural communication, international communication, organizational communication, and journalism.	1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level. | 2. Students develop in-depth and critical thinking/professional skills. | 3. Students apply knowledge and expertise to real-world situations and/or research questions. | 4. Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.		
Communication	Minor	Ethnic Studies, Minor	5.02	Ethnic Studies is an interdisciplinary and intersectional study of differences and diverse connections. Such differences and connections include race, ethnicity, culture, nation, sexuality, and physical abilities that span humanities and social sciences. These studies re-frame and re-center conversations and knowledges about non dominant histories in the United States and the world.	1. Effectively evaluate how race, languages, ability, and sexuality have been embedded in social structures and institutions and how these structures affect people's everyday lives; | 2. Identify, define, and apply terms, concepts, and methods from multiple disciplines to broaden analysis of issues related to race, languages, ability, and sexuality; | 3. Clearly analyze how and why race, languages, ability, and sexuality operate in dynamic, intersecting relationships in forms of power and oppression; | 4. Demonstrate analytical and integrative skills through clear and well-organized written and oral communication.		
Communication	Minor	Public Relations and Strategic Communication, Minor	9.09	The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
English and Literature	Minor	Cinema and Media Studies, Minor	50.0601	Cinema Studies focuses on analyzing film and the screen arts as some of the most important cultural productions of the twenty-first century. Students approach movies as cultural texts and gain an understanding of the social, political, historical, and industrial contexts that produce cinema. The minor broadens students' knowledge of how these texts shape and are shaped by culture. As an interdisciplinary program, cinema studies draws on faculty expertise from various disciplines and includes global and historical perspectives. The minor also builds personal knowledge and professional competencies.	1. Analyze important cinematic and screen arts genres using appropriate terminology and a variety of theoretical lenses. | 2. Evaluate how film and the screen arts reflect and shape culture. | 3. Interpret films using multipoint arguments supported by compelling textual evidence.		
English and Literature	Minor	Creative Writing, Minor	23.0501	Contact the department for information	Contact the department for information		
English and Literature	Minor	English Education, Minor	13.1305	Contact the department for information	Contact the department for information		
English and Literature	Minor	English Literary Studies, Minor	23.0101	Contact the department for information	Contact the department for information		
English and Literature	Minor	Technical Communication, Minor	23.1303	Contact the department for information	Contact the department for information		
English and Literature	Minor	Writing Studies, Minor	23.1399	Contact the department for information	Contact the department for information		
History and Political Science	Minor	American Indian Studies, Minor	5.0202	The American Indian Studies minor provides students with academic experiences, skills, and strategies to understand the scope of American indigenous communities within scholarly and applied contexts.	1. Identify issues facing American Indians through history | 2. Apply the traditional acquisition of knowledge and skills that apply to American Indian communities | 3. Evaluate the contribution of American Indian communities to academic knowledge, methods, and ethics		
History and Political Science	Minor	American Studies, Minor	5.0102	American Studies provides students with an interdisciplinary approach to the study of American cultures. Through examination of historical, religious, and literary texts, political institutions, popular culture, film, art, and the physical landscape, students will explore how Americans create meaning in their lives and make sense of the world in which they live. By encouraging students to approach their majors from the perspective of several overlapping disciplines, American Studies courses will foster deeper critical thinking and broader contextualization.	1. Apply multiple disciplinary concepts, methods, and approaches to critically evaluate aspects of American culture and society. | 2. Articulate the implications of different representations of identity in terms of race, class, gender, sexuality, and other categories of analysis. | 3. Interpret how American culture is a complex site of intersecting struggles over meanings and identities, with important social implications.		
History and Political Science	Minor	Chinese Commerce, Minor	5.0123	The Chinese Commerce minor focuses on important aspects of Chinese commerce, language and culture. This program is designed to combine an understanding of the social, political, historical, and economic factors that make China one of the leading international powers today. As such, the minor offers proficiency in the Chinese language, augmented with cultural knowledge of the country and an introduction to international business practices. As an interdisciplinary minor, the program draws on faculty expertise from various disciplines and includes varied perspectives.	1. Enhances students' intellectual knowledge in Chinese history, politics, and economy | 2. Enhances students' practical skills in Chinese language, culture, and business | 3. Provide students with the insight and skills to examine cultural, political, and economical phenomena and issues analytically and critically | 4. Develop students' ability to discover connections among disciplines | 5. Nurture students' awareness of interaction among local, national, and global community		
History and Political Science	Minor	Constitutional Studies, Minor	45.1001	The Constitutional Studies minor introduces students to U.S. constitutional law and its historical, political, and philosophical roots. It focuses on the development of the U.S. Constitution and its interpretation through judicial decisions. It provides knowledge of the U.S. government's founding document to prepare students to become more engaged democratic citizens, as well as give those students considering law school a solid foundation of knowledge and experience to prepare them for their future study of the law.	1. Discuss the founding principles and theories behind the drafting and development of the U.S. Constitution. | 2. Discuss the basic constitutional powers and structure of the federal government, and its relationship with the various state governments. | 3. Discuss the basic origins, drafting, and development of U.S. constitutional rights and liberties, with a focus on The U.S. Bill of Rights, the Modern Civil Rights Movements, and the Ninth, Tenth, Thirteenth, Fourteenth, Fifteenth, and Nineteenth Amendments to the U.S. Constitution. | 4. Discuss the various theories of constitutional interpretation employed by the U.S. Supreme Court and the federal judiciary.		
History and Political Science	Minor	History, Minor	54.0101	UVU's History Program is dedicated to developing the twenty-first century student. We provide the general student body a broad range of courses that increase global awareness, engagement and informed citizenship, as well as develop critical thinking, writing, and oral expression. In addition, History majors can choose from a large number of in-depth upper division courses that further their content knowledge and expand their abilities to critically analyze past and current events in a variety of regions and nations. In all courses, students and faculty observe the human experience by investigating the diverse historical perspectives of the past and present. History faculty endeavor to teach in ways that foster independent thinking, engage the students with historical conversations and debates, and improve students' ability to communicate in a variety of media. Students who successfully complete our programs will have a valuable set of skills for further study in graduate and professional programs, and careers in public service or private enterprise.	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
History and Political Science	Minor	Peace and Justice Studies, Minor	30.0501	The Peace & Justice Studies minor approaches phenomena empirically and theoretically associated with violence/nonviolence and injustice/justice, including peace, justice, mediation and conflict resolution, philosophy and religion. These topics are investigated at multiple levels from the realm of the personal and familial, to international structures, conventions, institutions, and history.	1. Apply theories on cooperation and conflict transformation to complex issues of human rights, social justice, and political violence. | 2. Discuss strategies available to address conflict and violence and promote conflict resolution and peacebuilding. | 3. Discuss the complex social and political realities that give rise to conflict, structural violence, and war. | 4. Demonstrate the skills that promote peacebuilding and reconciliation. | 5. Discuss career opportunities for students of peace and justice studies.		
History and Political Science	Minor	Political Science, Minor	45.1001	Political science enjoys a central position among the social sciences. Aristotle characterized politics as the “queen of the sciences.” It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow’s public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.	Contact the department for information		
Languages and Culture	Minor	Chinese Language, Minor	16.0301	The Chinese Language minor is designed for majors in any field who wish to demonstrate in-depth knowledge of Chinese language, culture and society. The minor in Chinese Language is to equip students with a foundation in Chinese language and culture necessary to successfully interact with Chinese people. A minor in Chinese language should open doors to a variety of career options, for example, working in a position where Chinese language skills and cultural/business knowledge are desirable, teaching at a school or working for a multinational company, or pursuing advanced studies in Chinese, Asian studies, international relations, or related disciplines. Study abroad is strongly encouraged both for language acquisition and the attainment of cultural competency.	1. Have a working knowledge of Chinese grammar, morphology, and vocabulary. | 2. Attain a general knowledge and understanding of Chinese culture, society and history. | 3. Understand major aspects of Chinese culture and civilization from pre-historic times to the present. | 4. Have a basic familiarity with China’s position in and influence on world politics and economy. | 5. Demonstrate the ability to transcend the boundaries between national languages and disciplines by use of comparative and collaborative approaches to scholarship. | 6. Have a good understanding of methods and strategies for maintaining and extending their abilities in Chinese after graduation.		
Languages and Culture	Minor	Chinese Studies, Minor	5.0123	The Chinese Studies minor provides students with academic experiences, skills, and strategies to understand contemporary China, including its language, culture, ethics, politics, economy and history, within scholarly and applied contexts.	1. Attain pertinent knowledge and an understanding of Chinese culture, society and history. | 2. Demonstrate proficiency in the Chinese language at an Intermediate Low level according to the American Council on the Teaching of Foreign Languages (ACTFL)National Standards. | 3. Engage various forms of representation in Chinese society such as, but not limited to, visual art, literary expression and historical perspective. | 4. Have a basic familiarity with China’s customs, social idioms and cultural allusions in order to better appreciate the prevailing national discourse. | 5. Demonstrate the ability to transcend the boundaries between national languages and disciplines by use of comparative and collaborative approaches to scholarship. | 6. Have a good understanding of methods and strategies for maintaining and extending their abilities in Chinese after graduation.		
Languages and Culture	Minor	Deaf Studies, Minor	16.1601	In the Deaf Studies minor, students will examine elements of what culturally-Deaf people in America have traditionally called "the Deaf-World" with special attention to the framework of meaning from within which culturally-Deaf people interpret what it means to be Deaf. This minor challenges students to approach cultural descriptions critically, and provides a historical, cultural, and linguistic foundation.	1. Students will be able to negotiate meaning with individuals via signing and reading at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels. | 3. Students will be able to use linguistic and cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities.		
Languages and Culture	Minor	French, Minor	16.0901	Earn this minor in conjunction with any UVU Bachelor Degree Major offered. The minor consists of 18 credits of Upper Division coursework (3050 required). For more information contact the Language Department advisor.	1. Students will be able to negotiate meaning through speaking, writing, reading, and listening skills at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to interpret meaning in oral and written form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels | 3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 4. Students will be able to use cultural knowledge to conform, linguistically and behaviorally, in various social and work-related settings at the Advanced Rating of the ACTFL Cultural Awareness descriptor.		
Languages and Culture	Minor	German, Minor	16.0501	Contact the department for information	Contact the department for information		
Languages and Culture	Minor	Languages, Minor	16.0101	The Minor in Languages requires 9 credits upper division course work in one language and 11 credits of intermediate level course work in another language (prerequisites will vary from student to student).	Contact the department for information		
Languages and Culture	Minor	Latin American Studies, Minor	5.0134	Contact the department for information	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Languages and Culture	Minor	Portuguese, Minor	16.0904	Contact the department for information	1. Students will be able to negotiate meaning through speaking, writing, reading, and listening skills at the Advanced Mid rating of the ACTFL proficiency levels. | 2. Students will be able to interpret meaning in oral and written form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels | 3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels. | 4. Students will be able to use cultural knowledge to conform, linguistically and behaviorally, in various social and work-related settings at the Advanced Rating of the ACTFL Cultural Awareness descriptor.		
Languages and Culture	Minor	Russian Studies, Minor	5.011	The Russian Studies minor will provide students with a foundational understanding of the language as well as an introduction to the social, political, historical, and economic factors that make Russia one of the leading international powers today. Students will attain a general knowledge and understanding of Russian culture, society and history from pre-historic times to the present, have a basic familiarity with Russia's position in and influence on world politics and economics, and demonstrate the ability to transcend the boundaries between national languages and disciplines by the use of comparative and collaborative approaches to scholarship.	1. Read, write, and speak Russian at an intermediate to advanced low level. | 2. Evaluate Russian culture within historical, social, political, and economic perspectives of Russia. | 3. Interpret the semiotic meaning of Russian culture with a basic to advanced cross-cultural capacity.		
Languages and Culture	Minor	Spanish, Minor		Contact the department for information	Contact the department for information		
Languages and Culture	Minor	Spanish for the Professions--Translation/Interpreting, Minor	16.0103	Students in the Minor in Spanish for the Professions, Translation, and Interpreting will become familiar with Spanish terminology and different oral and written documents in Spanish from a variety of professional fields. This minor will also provide students with the opportunity to acquire translation and interpreting skills between Spanish and English.	1. Develop interpreting competencies | 2. Develop translation competencies | 3. Develop professional competencies for the language services industry | 4. Strengthen Spanish-English language skills for specific fields		
Philosophy and Humanities	Minor	Classical Studies, Minor	30.2201	Classics traditionally refers to the study of language, philosophy, arts, literatures, history, and more of ancient Greece and Rome. At UVU, Classics takes a more global and diverse approach, recognizing that many cultures around the world have had “classical periods” which have shaped their entire pre-modern histories and continue to influence the world today. At present, the Classics minor at UVU offers particular strengths in ancient Greece and China, along with Rome—including language training in Ancient Greek, Classical Chinese, and Latin (with the hope and possibility for more). The program aims to preserve and promote the strengths of traditional Classics while also critically incorporating global and non-Western classical traditions for a more comparative and multicultural approach to ancient civilization, value, the canon, and the very idea of classics.	1. Demonstrate knowledge of classical languages (including but not limited to Ancient Greek, Latin, and Classical Chinese) at an advanced level, including the ability to read and translate texts in the original. | 2. Evaluate the contribution of classical civilizations to later history—including the modern world—with skills in historical analysis, multicultural awareness, and mental flexibility. | 3. Acquire familiarity with the languages, philosophy, visual arts, drama, sports, politics, economics, history, religions, and literatures of ancient civilizations, understanding them in their own context and how they continue to shape contemporary life. | 4. Understand classics, antiquity, and culture through comparative and interdisciplinary approaches, emphasizing ancient civilizations as complex systems in a multicultural world.		
Philosophy and Humanities	Minor	Environmental Studies, Minor	15.0507	Environmental Studies explores the complex links between human culture and the natural world. The program challenges students to critically examine both the ecological and social context of environmental issues and the numerous connections between natural and social systems, from local to global scales. It is undeniable that humans have a profound impact on the environment. To have the greatest positive influence, we must seek knowledge of the structure and function of natural systems, as well as an understanding of how culture affects the way we perceive nature.	Contact the department for information		
Philosophy and Humanities	Minor	Ethics, Minor	38.0103	A student in the Ethics program is offered an innovative approach in correlating various disciplines with structured ethical research. The program offers students opportunities to enhance their capacity to enter their chosen professions, careers, and vocations as ethical leaders. Students will examine real world ethical issues in the context of various disciplines, a valuable credential for employment and further education. UVU has had a vested interest in Interdisciplinary Ethics since the 1980s, offering prestigious programs such as Ethics Across the Curriculum and hosting the only Ethics Center in the USHE system. The undergraduate Ethics curriculum and the Center for the Study of Ethics have received repeated national recognitions for their innovative and influential programs, conferences, events, symposia, and lecture series that educate students and the community about contemporary ethical issues.	Contact the department for information		
Philosophy and Humanities	Minor	Gender Studies, Minor	5.0299	The Gender Studies minor allows students to study the extent to which gender and gender relations are socially influenced. Students will examine the ways in which conceptions of masculinity and femininity directly impact social and political institutions and practices, cultural expressions (such as art, communication, media, literature, music and film), law, education, business, scientific inquiry, interpersonal relations, sexuality and family. The minor broadens students' understanding of their chosen major and career path while facilitating the recognition of gender dynamics in their own lives.	1. Ability to understand how gender relations and gender dynamics structure our society. 2. Ability to study and analyze how gender relations impact social and political arrangements and institutions. 3. Ability to examine how gender intersects with other meaningful social categories. 4. Ability to recognize gender dynamics in their own lives.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Philosophy and Humanities	Minor	Humanities, Minor	24.0103	The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.	1. Develop strong oral and written communication skills. | 2. Develop discipline-specific knowledge and be able to apply that knowledge critically to solve problems using sophisticated methods of inquiry and logic. | 3. Demonstrate expertise in research and scholarly activities. | 4. Effectively navigate intercultural environments locally to globally. | 5. Demonstrate preparation for employment or graduate education.		
Philosophy and Humanities	Minor	Philosophy, Minor	38.0101	Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.	Contact the department for information		
Philosophy and Humanities	Minor	Religious Studies, Minor	38.0201	The Religious Studies minor fosters and facilitates an interdisciplinary approach to the academic study of religion. Due to its influential role at the local, national, and international levels, religion requires careful study utilizing academic methods employed in the examination of other cultural institutions. This includes the study of the history, theology, literature, folklore, etc., of various religions in an effort to study religion as a cultural phenomenon. The program is intended to serve our students and community by deepening our understanding of religious beliefs and practices in a spirit of open inquiry. Its aim is neither to endorse nor to undermine the claims of religion, but to create an environment in which various issues can be engaged from a variety of perspectives and methodologies.	Contact the department for information		

College of Humanities and Social Sciences - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Behavioral Science	Master's Degree	Clinical Mental Health Counseling, M.S.	51.1508	The Master in Clinical Mental Health Counseling (CMHC) prepares individuals to provide counseling services, mental health evaluations, and referrals to ameliorate and prevent cognitive and emotional crises as well as personal and interpersonal problems. Instruction will include coursework on individual and group counseling, psychotherapy theory and practice, human development, psychological assessment, psychopathology and diagnostics, professional standards and ethics as well as the governing laws and regulations of the field. Successful graduates will be eligible for employment and licensure as a Clinical Mental Health Counselor in the state of Utah.	1. Individual Therapy; Students will engage in critical thinking and demonstrate a heightened self-awareness in the counseling role. Students will also demonstrate skills necessary to be an effective counselor while applying a theoretical approach. | 2. Ethical Practice; Students will understand counselor professional identity and demonstrate skill in applying ethical and legal considerations in professional counseling. | 3. Clinical Assessment; Treatment Planning- Students will demonstrate the knowledge and ability to diagnose and design treatment plans for a broad range of mental health issues. Students will also be able to select and interpret assessment measures (i.e., academic/educational, career, personality, diagnostic, and developmental) | 4. Professional Development; Students will understand counselor professional identity and demonstrate skill in applying ethical and legal considerations in professional counseling. | 5. Research and Theory; Students will be able to critically evaluate research in a manner that informs counseling practice. | 6. Group Therapy; Students will demonstrate knowledge and skills to facilitate psychoeducational and process groups. | 7. Diversity in Counseling; Students will be able to demonstrate the awareness, knowledge, and skills to counsel clients from diverse backgrounds. | 8. Career Counseling; Students will have knowledge of career assessment and planning principles and theories. | 9. Prevention; Students will demonstrate knowledge of how to design and deliver mental illness prevention programs. | 10. Program Evaluation; Students will apply program evaluation techniques to individual, group, and couple's counseling settings.	Clinical Mental Health Counselor	
Behavioral Science	Master's Degree	Marriage and Family Therapy, M.A.	51.1505	The Master in Marriage and Family Therapy (MFT) trains students to be professionally competent in the field of marriage and family therapy. Through the application of systemic theories, skills, and ethics, students are prepared to serve a diverse client population. Students who successfully complete the program, including academic course work and supervised clinical practica, will be eligible for employment and licensure as an Associate Marriage and Family Therapist in the state of Utah. This program is offered in collaboration with the Behavioral Science Department and the family science undergraduate degree.	1. Differentiate and apply foundational relational/systemic practice, theories and models. | 2. Conduct systemic/relational assessment and treatment with individuals, couples and families. | 3. Articulate the impact of human development (including ethnicity, gender and sexual identity on biopsychosocial health across the lifespan. | 4. Demonstrate understanding of professional identity and adherence to the law, ethics and social responsibility. | 5. Investigate research methodology and data analysis and synthesize evidence based practice in MFT. | 6. Review contemporary issues in MFT, including: current intersections of knowledge and practice, community intersections and collaboration, and clinical business development. | 7. Demonstrate competence in applying MFT skills within the local community.	Associate Marriage and Family Therapist	
Behavioral Science	Master's Degree	Master of Social Work Advanced Standing, M.S.W.	44.0701	Contact the department for information	Contact the department for information	Certified Social Worker, Licensed Clinical Social Worker	Council on Social Work Education (CSWE)
Behavioral Science	Master's Degree	Master of Social Work, M.S.W.	44.0701	Contact the department for information	Contact the department for information	Certified Social Worker, Licensed Clinical Social Worker	Council on Social Work Education (CSWE)

College of Science

College of Science - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Biology	Associate Degree	Biology, A.A.	26.0101	Students interested in biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The AS/AA degree is intended for students who plan to use it as a first step toward a baccalaureate degree. The AS/AA degree may be granted to those who do not continue in a bachelor's program and meet the minimum requirements.	1. Demonstrate knowledge of cellular biology. | 2. Demonstrate a knowledge of molecular genetics and principles of inheritance.		
Biology	Associate Degree	Biology, A.S.	26.0101	Students interested in biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The AS/AA degree is intended for students who plan to use it as a first step toward a baccalaureate degree. The AS/AA degree may be granted to those who do not continue in a bachelor's program and meet the minimum requirements.	1. Demonstrate knowledge of cellular biology. | 2. Demonstrate a knowledge of molecular genetics and principles of inheritance.		
Earth Science	Associate Degree	Physical Science, A.S.	40.0101	Students interested in a physical science are encouraged to earn a baccalaureate degree (BS). The AS-PHSC degree is meant prepare students on the path to a physical science baccalaureate degree (BS) such as geology (BS-GEOL), physics (BS-PHYS), or chemistry (BS-CHEM).	1. Develop broad foundational knowledge in the physical sciences by correctly using evidence, experiment and observation, interpretation, and physical concepts. | 2. Demonstrate patterns of critical, scientific, and quantitative reasoning in application to problems or issues related to the physical sciences. | 3. Follow practices necessary to safely and ethically use laboratory or other measurement equipment used in the physical sciences. | 4. Graduate with a breadth of physical science knowledge enabling students to select and proceed with a BS degree program within the physical sciences.		
Mathematics	Associate Degree	Mathematics, A.A.	27.0101	The AA mathematics program is intended to prepare students for the pursuit of a bachelor's degree while also including a year of foreign language training. Those intending to transfer to other institutions should check transferability of courses with the institutions to which they intend to transfer.	1. Knowledge of calculus, differential equations and linear algebra | 2. The ability to communicate mathematics clearly, both verbally and in writing.		
Mathematics	Associate Degree	Mathematics, A.S.	27.0101	The AA and AS mathematics programs are intended to prepare students for the pursuit of a bachelor's degree. Those intending to transfer to other institutions should check transferability of courses with the institutions to which they intend to transfer. Following are the key knowledge, skill and ability goals of the AA and AS mathematics program: Knowledge of calculus, differential equations and linear algebra. The ability to communicate mathematics clearly, both verbally and in writing.	1. Knowledge of calculus, differential equations and linear algebra. | 2. The ability to communicate mathematics clearly, both verbally and in writing.		
Exercise Science and Outdoor Recreation	Associate Degree	Exercise Science and Outdoor Recreation, A.A.	31.0501	Students who complete an Associate's Degree in Exercise Science and Outdoor Recreation have received the basic knowledge necessary to continue their education in a Bachelor's Program or pursue employment in the Fitness industry.	1. Graduates will be proficient in critical thinking and problem solving. | 2. Students will graduate in a timely manner. | 3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program. | 4. Graduates will be proficient in applied skills that support professional competencies		
Exercise Science and Outdoor Recreation	Associate Degree	Exercise Science and Outdoor Recreation, A.S.	31.0501	Students who complete an Associate's Degree in Exercise Science and Outdoor Recreation have received the basic knowledge necessary to continue their education in a Bachelor's Program or pursue employment in the Fitness industry.	1. Graduates will be proficient in critical thinking and problem solving. | 2. Students will graduate in a timely manner (50% of students will complete the program in 9 or less semesters (where 1 or 2 blocks in the same summer represent 1 semester). | 3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program. | 4. Graduates will be proficient in applied skills that support professional competencies.		

College of Science - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Biology	Bachelor's Degree	Bioinformatics, B.S.	26.1103	Bioinformatics is the fastest growing field in Biology. In general terms, bioinformatics is the synthesis of computational methods and biological systems and comprises many sub-fields that approach different questions in biology. A Bachelor of Science in Bioinformatics will prepare students to enter a variety of fields such as: medical informatics and interventions, new agricultural paradigms, pharmaceutical discovery, and molecular genealogy predictions, among others. This degree would provide students with the knowledge, skills, and experience to be competitive for both graduate school and employment opportunities.	1. Demonstrate mastery of the core concepts of bioinformatics as derived from the associated fields of biology, computer science, mathematics, informatics, and chemistry. | 2. Utilize existing software to extract, compile, and analyze information from large databases. | 3. Create data science pipelines and/or computer programs that facilitate biological data analysis. | 4. Complete a project in bioinformatics and communicate the outcomes effectively by participation in one or more of the following: an internship, a professional presentation, mentored research, or as coauthor of a peer-reviewed publication (or other approved activity).		
Biology	Bachelor's Degree	Biology, B.S.	26.0101	Students interested in Biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post -baccalaureate education. The BS degree in Biology may be used for entry into a career or in preparation for graduate (Masters/PhD) or professional schools (medical, dental, pharmacy, etc.).	1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments | 2. Critically evaluate scientific information | 3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving | 4. Effectively communicate scientific information in both written and oral formats. | 5. Explain fundamental biological concepts including cell biology, genetics, evolution, ecological principles, organismal biology, and biodiversity | 6. Apply scientific concepts both across and outside of biology that demonstrate interdisciplinary understanding		
Biology	Bachelor's Degree	Biology Education, B.S.	26.9999	Biology is the study of living organisms and includes study of subjects such as evolution, ecology, zoology, physiology, anatomy, and botany among other subjects. Completion of this degree will prepare students to teach classes in high school biology, and related subjects, plus integrated science at the 7th grade level.	1. Demonstrate an overall knowledge of biology needed to teach in the secondary education system. | 2. MFAT test Data in support of Overall Knowledge of Biology needed to teach in the Secondary Education System | 3. State Praxis Test Scores in support of Demonstrating overall knowledge of Biology to teach in the Secondary Education System | 4. 90% of UVU students completing a Bachelors of Science Degree in Secondary Education in biology and who apply for employment teaching in junior high and high schools will successfully gain employment in secondary education within one year. | 5. Students who do gain employment in secondary education will demonstrate skill and knowledge in pedagogy.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Biology	Bachelor's Degree	Biotechnology, B.S.	26.1201	The Bachelor's Degree in Biotechnology will prepare students to enter the field of research, education, pharmaceuticals, forensics, and a variety of other careers. It is also great preparation for advanced degrees in the sciences.	1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments | 2. Critically evaluate scientific information | 3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving | 4. Effectively communicate scientific information in both written and oral formats. | 5. Explain fundamental biological concepts including molecular biology, biochemistry, cell biology, genetics, and evolution.		
Biology	Bachelor's Degree	Botany, B.S.	26.0301	Students interested in botany, or related fields, are strongly encouraged to earn at least a baccalaureate degree (BS). To be competitive in the job market additional post-baccalaureate education is suggested. The BS degree in Botany may be used for entry into a career or in preparation for graduate (Masters/ PhD) or professional schools (medical, pharmacy etc.).	Contact the department for information		
Biology	Bachelor's Degree	Microbiology, B.S.	26.0502	Microbiology is the study of microorganisms, the smallest living things on earth, including bacteria, viruses, fungi, protozoa, and algae. While microorganisms are most known for their ability to cause disease, they are actually ubiquitous on earth and central to many of the essential life processes on this planet. The field of microbiology is a major contributor to human, animal, plant, and environmental health as well as central to the food/beverage, biotechnology, bioremediation, and pharmaceutical industries. This curriculum will examine the diverse roles of microorganisms and cover the fundamentals of microbial diversity, physiology, and genetics. Students will examine the roles and interactions of microbial populations in aquatic, terrestrial, human, animal, and plant systems. A degree in microbiology can open the door to a wide variety of careers in different industries. Studying microbiology will prepare students to go to medical, dental, veterinary, or graduate school, and also provides them a highly employable career option in healthcare, industry, or government agencies. A degree in microbiology allows students to easily enter the workforce or continue on to a professional or graduate program.	1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments | 2. Critically evaluate scientific information | 3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving | 4. Effectively communicate scientific information in both written and oral formats. | 5. Explain fundamental microbiological concepts including microbial genetics and molecular biology, ecology and environmental microbiology, and physiology and biochemistry		
Chemistry	Bachelor's Degree	Chemistry, B.S.	40.0501	See associated emphasis	See associated emphasis		
Chemistry	Emphasis	Chemistry - Biochemistry Emphasis, B.S.	40.0501	Biochemistry studies the chemical composition of living things. Biochemistry combines the study of biology with organic and inorganic chemistry as applied to topics such as enzymology, genetics, toxicology, pharmacology, food science, and medicine. Students with this degree may pursue graduate study or work in the field of biotechnology or in one of the many related areas or be eligible for many employment opportunities in chemistry and biology.	1. Students will demonstrate progress along their desired career path. | 2. Students are prepared to enter the chemistry workplace and postgraduate education. | 3. Understand how physical scientists think and form judgments about the physical world. | 4. Convey scientific ideas and knowledge clearly and professionally, in both written and oral forms. | 5. Demonstrate the ability to apply chemical principles and laboratory skills to solve scientific problems. | 6. Students will demonstrate knowledge of the unifying principles of chemistry.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Chemistry	Emphasis	Chemistry - Professional Chemistry Emphasis, B.S.	40.0501	Contact the department for information	1. Students will demonstrate progress along their desired career path. | 2. Students are prepared to enter the chemistry workplace and postgraduate education. | 3. Understand how physical scientists think and form judgments about the physical world. | 4. Convey scientific ideas and knowledge clearly and professionally, in both written and oral forms. | 5. Demonstrate the ability to apply chemical principles and laboratory skills to solve scientific problems. | 6. Students will demonstrate knowledge of the unifying principles of chemistry.		
Chemistry	Bachelor's Degree	Chemistry Education, B.S.	40.0599	Contact the department for information	1. Demonstrate an overall knowledge of the key concepts needed to teach Chemistry at the secondary education level. | 2. Demonstrate skill and knowledge in science pedagogy. | 3. Develop an understanding of the interaction between chemistry and society. | 4. Demonstrate the ability to communicate effectively both verbally and in writing.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Earth Science	Bachelor's Degree	Earth Science Education, B.S.	40.0699	Earth Science is the study of the Earth, including its water and atmosphere, and their relationship to humans and other living things. Earth Science applies chemistry, physics, mathematics and biology to scientific problems of the Earth. The Earth Science Education program prepares students to receive a Utah State teaching credential with an endorsement in Earth Science. Through careful choice of courses, students may also earn endorsements in the other physical sciences.	1. Prior to graduation, our students will develop the necessary technical knowledge in Earth Science Education, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in a professional career related to their degree programs or in associated graduate programs. | 2. Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports and presenting content matter to students as educators. This includes orally presenting the results of research to technical and non--technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports. | 3. Our students will develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches applied to classroom teaching. | 4. Our students will graduate with knowledge of the relevant agencies (e.g., NAGT, NAME, USDE, EPA,BLM, USGS, UGS, etc.) and the associated standards, laws, and regulations relevant to the field of education and earth science. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, standards, laws, and regulations. | 5. Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of their primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Earth Science	Bachelor's Degree	Environmental Science and Management, B.S.	3.0104	Environmental Science is the study of the Earth's surface, including its water and atmosphere, with a particular focus on their relationship to humans and other living things. Environmental Science applies chemistry, physics, mathematics, geography, biology, and geology to answer questions about the Earth and its interrelationships with living things. Environmental Management focuses on the maintenance of environmental resources, for example the management of water resources, geological resources, or air quality. Environmental scientists may conduct studies in the field, the laboratory using advanced analytical equipment, and in the office using specialized computer software. The program is preparation for a variety of career paths, including water monitoring, treatment, and pollution control with local, state or federal agencies; environmental and hydrological consulting with private industry; and other careers that draw on a background in the natural sciences, including law, public policy, and public health.	1. develop the necessary technical knowledge in environmental science and technology management, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs. | 2. demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. | 3. develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches | 4. graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. | 5. graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction.	Environmental Health Scientist, Occupational Safety and Health Administration (OSHA) Hazardous Materials and Emergency Response Certificate	
Earth Science	Bachelor's Degree	Environmental Studies, B.S.	3.0103	The Bachelor of Science in Environmental Studies is an interdisciplinary program that focuses on the complex relationships between humans and the natural world. By combining a solid foundation of earth system science with social science and humanities courses, students will gain the skills and perspectives necessary to solving some of the pressing environmental issues of today. The program is flexible so that students can tailor the program to fit their interests and career goals. After a broad introduction to environmental issues students can focus on specific areas and topics of their interest, such as sustainability, planning, policy, communication, business, ecology, geology, environmental science, geography, and more.	1. Analyze the scientific underpinnings, social context, and political ramifications of key environmental challenges to design sustainable solutions. | 2. Evaluate the links between social and natural systems to identify appropriate areas of intervention. | 3. Critically assess environmental and sustainability programs, organizations, and reporting mechanisms to create new and/or revised programs, organizations, and reports. | 4. Analyze key environmental challenges facing societies and their unevenly distributed impacts. | 5. Influence policy outcomes using existing laws, regulations, stakeholders, and interesting groups relating to environmental issues. | 6. Create compelling written, verbal, and graphic presentations of environment and sustainability issues.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Earth Science	Bachelor's Degree	Geography, B.S.	45.0701	Geography is the study of the earth's places, peoples, environments and their interrelationships from both the physical and social science perspectives. Geographers use many different scientific tools to study the relationships between earth's systems including geospatial technology and are employed in public agencies, local governments, federal offices, technology sectors, business planning, and careers related to spatial planning. The Bachelor of Science in Geography provides students with a program of study in the fundamentals of geography and prepares them to succeed as geographers as well as in many other careers related to geography. Students learn theories and methods of analysis related to land use and land cover change, urbanization, sustainability, human-environment interactions, and Geographic Information Systems (GIS) technology through the core courses of the program. Through elective courses, students can choose to further focus their studies on physical sciences, social sciences, and/or geospatial techniques to meet their career goals.	1. Technical Knowledge: Prior to graduation, our students will develop the necessary technical knowledge in Earth system science, geology, environmental science and management, geoscience education and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs. | 2. Skill in oral and written communication: Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. This includes orally presenting the results of research to technical and non-technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports. | 3. Skill in problem solving and reasoning: Our students will develop skills to critically evaluate scientific questions and address those questions using both logical, laboratory, geospatial, and other creative approaches. | 4. Knowledge of agencies, laws, and regulations: Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, laws, and regulations. | 5. Knowledge of Professional Options and Responsibilities: Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).		
Earth Science	Bachelor's Degree	Geology, B.S.	40.0601	Geology is the study of the Earth, including its water and atmosphere, and its relationship to humans and other living things. Geology applies chemistry, physics, mathematics and biology to answer questions about the Earth. Geologists conduct studies in the field, in the laboratory using advanced analytical equipment, and in the office using specialized computer software. Geology is particularly focused on the Earth's history, resources, hazards and resources including groundwater. Sub-disciplines of geology include economic geology, geochemistry, geologic hazards, geomorphology, hydrogeology, petrology, and tectonics. A B.S. in geology is preparation for a variety of career paths, including hazard assessment with government or private companies, ground and surface water monitoring and development, oil and gas, mining, and many other careers that draw on a background in the natural earth, including law, public policy, and public health; the program is also excellent preparation for graduate school.	1. Develop the necessary technical knowledge in geology, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs. | 2. Demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. | 3. Develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches. | 4. Graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. | 5. Graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction.	Professional Geologist License	
Exercise Science and Outdoor Recreation	Bachelor's Degree	Exercise Science and Outdoor Recreation, B.A.	31.0501	See associated emphasis	1. Graduates will be proficient in critical thinking and problem solving. | 2. Students will graduate in a timely manner. | 3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program. | 4. Graduates will be proficient in applied skills that support professional competencies.		
Exercise Science and Outdoor Recreation	Emphasis	Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.A.	31.0501	The Exercise Science curriculum has been designed to address student needs and current market demands. Through practical experiences in laboratory settings using state of the art equipment such as the Biodex S4, students are exposed to real life rehabilitation experiences as well as researching functional abilities and performance aspects of collegiate athletes. Additional classroom and lab experiences allow students to conduct 3-D motion analysis, measure muscle activity using wireless EMG technology, and analyze gait patterns using the GaitRite System, as well as conducting assessments to determine maximum oxygen uptake (VO2 Max), body composition, and anaerobic power.	1. To interact and communicate effectively by presenting information in oral, written, and technology formats; collaborating with professionals and peers; expressing ideas clearly; and giving and receiving feedback. | 2. To utilize knowledge, skills, and abilities to evaluate health behavior risk factors; develop, implement, and evaluate exercise and wellness programs, and employ behavioral strategies to motivate individuals to adopt and maintain positive lifestyle behaviors. | 3. To demonstrate behavior that preserves the integrity of a profession, prevents misrepresentation, and protects the consumer. | 4. To continuously improve knowledge, skills, and abilities and to uphold a professional image through actions and appearance. | 5. To demonstrate critical thinking by making decisions based on multiple perspectives and evidence-based practice.		
Exercise Science and Outdoor Recreation	Emphasis	Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.A.	31.0501	In addition to a strong background in recreation theory, experiential education, outdoor leadership, risk management and program planning, graduates of this program leave with a proficiency in a variety of both land and water-based skill acquisition courses, such as avalanche awareness, whitewater kayaking and backpacking. More than preparation for a career in the outdoor field, the major in Outdoor Recreation Management grooms students for a lifetime of outdoor participation and leadership.	1. Students will express satisfaction with opportunities for applied learning, service learning, and learning through coursework and practicum/internship | 2. Students will express satisfaction with the program's breadth and depth of opportunities to improve students' outdoor skills | 3. Students will express satisfaction with their ability to create and implement programs in the field of recreation | 4. Students will be comfortable and effective creating and carrying out group activities | 5. With professional preparation in mind, students would feel comfortable recommending this program to peers with similar professional goals		
Exercise Science and Outdoor Recreation	Bachelor's Degree	Exercise Science and Outdoor Recreation, B.S.	31.0501	See associated emphasis	1. Graduates will be proficient in critical thinking and problem solving. | 2. Students will graduate in a timely manner. | 3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program. | 4. Graduates will be proficient in applied skills that support professional competencies.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Exercise Science and Outdoor Recreation	Emphasis	Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.S.	31.0501	The Exercise Science curriculum has been designed to address student needs and current market demands. Through practical experiences in laboratory settings using state of the art equipment such as the Biodex S4, students are exposed to real life rehabilitation experiences as well as researching functional abilities and performance aspects of collegiate athletes. Additional classroom and lab experiences allow students to conduct 3-D motion analysis, measure muscle activity using wireless EMG technology, and analyze gait patterns using the GaitRite System, as well as conducting assessments to determine maximum oxygen uptake (VO2 Max), body composition, and anaerobic power.	1. To interact and communicate effectively by presenting information in oral, written, and technology formats; collaborating with professionals and peers; expressing ideas clearly; and giving and receiving feedback. | 2. To utilize knowledge, skills, and abilities to evaluate health behavior risk factors; develop, implement, and evaluate exercise and wellness programs, and employ behavioral strategies to motivate individuals to adopt and maintain positive lifestyle behaviors. | 3. To demonstrate behavior that preserves the integrity of a profession, prevents misrepresentation, and protects the consumer. | 4. To continuously improve knowledge, skills, and abilities and to uphold a professional image through actions and appearance. | 5. To demonstrate critical thinking by making decisions based on multiple perspectives and evidence-based practice.		
Exercise Science and Outdoor Recreation	Emphasis	Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.S.	31.0501	In addition to a strong background in recreation theory, experiential education, outdoor leadership, risk management and program planning, graduates of this program leave with a proficiency in a variety of both land and water-based skill acquisition courses, such as avalanche awareness, whitewater kayaking and backpacking. More than preparation for a career in the outdoor field, the major in Outdoor Recreation Management grooms students for a lifetime of outdoor participation and leadership.	1. Students will express satisfaction with opportunities for applied learning, service learning, and learning through coursework and practicum/internship | 2. Students will express satisfaction with the program's breadth and depth of opportunities to improve students' outdoor skills | 3. Students will express satisfaction with their ability to create and implement programs in the field of recreation | 4. Students will be comfortable and effective creating and carrying out group activities | 5. With professional preparation in mind, students would feel comfortable recommending this program to peers with similar professional goals		
Mathematics	Bachelor's Degree	Mathematics, B.S.	27.0101	See associated emphasis	See associated emphasis		
Mathematics	Emphasis	Mathematics - Actuarial Science Emphasis, B.S.	27.0101	Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptology, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, photogrammatism, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level.	1. Knowledge of calculus, real and complex analysis, differential equations, linear and abstract algebra, basic probability, and a broad knowledge base of other elective topics including topology, geometry, number theory, numerical analysis and statistics. | 2. An awareness of how to apply and model real situations with mathematics, and the ability to formulate and understand logical arguments. | 3. The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical proofs of mathematical hypotheses and constructing well defined counterexamples to false statements.	Society of Actuaries (SOA) Probability (P) and Financial Mathematics (FM) of the Associate of Society of Actuaries (ASA)	
Mathematics	Emphasis	Mathematics - Applied Mathematics Emphasis, B.S.	27.0101	Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptology, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, photogrammatism, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level.	1. Knowledge of calculus, real and complex analysis, differential equations, linear and abstract algebra, basic probability, and a broad knowledge base of other elective topics including topology, geometry, number theory, numerical analysis and statistics. | 2. An awareness of how to apply and model real situations with mathematics, and the ability to formulate and understand logical arguments. | 3. The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical proofs of mathematical hypotheses and constructing well defined counterexamples to false statements.		
Mathematics	Emphasis	Mathematics - Mathematics Emphasis, B.S.	27.0101	Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptology, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, photogrammatism, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level.	1. Knowledge of calculus, real and complex analysis, differential equations, linear and abstract algebra, basic probability, and a broad knowledge base of other elective topics including topology, geometry, number theory, numerical analysis and statistics. | 2. An awareness of how to apply and model real situations with mathematics, and the ability to formulate and understand logical arguments | 3. The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical proofs of mathematical hypotheses and constructing well defined counterexamples to false statements.		
Mathematics	Bachelor's Degree	Mathematics Education, B.S.	27.0399	The Secondary Education – Mathematics major is designed for students who plan to teach Mathematics at middle, junior or high school level or for graduate studies in the field. The degree will prepare students to become state certified to teach the subject at any secondary level and help to address shortages of secondary math educators in Utah. Graduates will not only understand the art of teaching but also have a deep content knowledge of Mathematics. Graduates of this program are able to accurately interpret and translate pictorial and descriptive information into mathematical statements; solve problems quantitatively and communicate results clearly; demonstrate understanding of numeric, algebraic and geometric reasoning; and, demonstrate computational skills in areas of applied mathematics.	1. understand deeply the mathematics they will teach in the future; become familiar with the National Council of Teachers of Mathematics (NCTM) Principles and Standards for School Mathematics; | 2. apply national and state standards for mathematics education to develop content-appropriate lessons; | 3. use and compare different assessment techniques; develop a disposition favoring continual gathering and use of information about their students' mathematical understandings; | 4. appropriately and responsibly use technology to enhance opportunities for students' mathematical thinking; | 5. understand the development of mathematics through numerous and varied experiences related to the cultural, historical, and scientific evolution of mathematics; l | 6. learn to use their mathematics and pedagogy knowledge flexibly in authentic situations through field experiences with secondary students under the supervision of highly qualified, experienced teachers and university supervisors.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Mathematics	Bachelor's Degree	Statistics, B.S.	27.0501	The Department of Mathematics is pleased to offer a B.S. degree in Statistics. Statisticians assist in the collection and analysis of data thus providing decision makers information on which to base decisions. Knowledge of statistics and data handling helps students in almost every discipline. There are many opportunities in the job market for students with a degree in Statistics, and the program is ideal as preparation for a graduate degree in Statistics in any major university. The degree offers a wide variety of applied and theoretical courses in statistics, including statistical computing using both SAS and R programming.	1. Demonstrate depth and breadth of understanding of statistics in core and elective areas through careful analysis. | 2. Apply statistical reasoning and analysis in content specific (scientific) areas. | 3. Communicate results of statistical analyses to a wide audience. | 4. Use modern statistical software to support statistical analyses and promote understanding.		
Physics	Bachelor's Degree	Physics, B.S.	40.0801	A Bachelor in Physics provides the student with an understanding of the laws of nature and with the experimental and analytical techniques necessary to describe and solve problems in physical systems. The degree prepares students for further graduate study in physics, astronomy, geophysics, medicine, engineering, or many other diverse fields. Bachelor's recipients also find employment in a variety of industries and careers, including engineering, education, computer science, programming, electronics, energy and the environment, geology, medical physics, optics, finance, law, and more.	1. Demonstrate understanding of how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc. | 2. Apply fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics. | 3. Use mathematics and mathematical models correctly to solve physics problems. | 4. Follow practices necessary for safely using laboratory equipment. | 5. Demonstrate understanding of the role of computation in physics and appropriate computer skills. | 6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings. | 7. Demonstrate physics research skills and use ethical research practices.		
Physics	Bachelor's Degree	Physics Education, B.S.	40.0899	Prepares the student to teach high school physics and AP physics. The program allows for those interested to supplement their studies with extra courses in physics or other science through elective upper division credit. A seminar course provides the student with exposure to careers in physics.	1. Demonstrate how to teach about how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc. | 2. Learn to apply and teach about fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics. | 3. Use mathematics and mathematical models correctly to solve physics problems. | 4. Follow practices necessary for safely using laboratory equipment. | 5. Demonstrate understanding of the role of computation in physics and appropriate computer skills. | 6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings. | 7. Demonstrate physics research skills and use ethical research practices.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

College of Science - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Earth Science	Undergraduate Certificate	Geographic Information Systems, Certificate of Proficiency	45.0702	The Certificate of Proficiency in Geographic Information Systems (GIS) provides students with a focused program of study in the fundamentals required to succeed in a wide range of careers in geospatial science. GIS includes the hardware, software, and data required to capture, store, display, and analyze geographically referenced information. Students in the certificate program learn the theory and methodology of geospatial data collection, storage and management, interpretation, and visualization through courses in cartography, remote sensing, GIS theory and applications, and geospatial field methods. In directed class projects students apply geospatial data techniques to real-world problems while gaining firsthand experience in project design and management.	1. Prior to graduation, our students will develop the necessary technical knowledge in Earth system science, geology, environmental science and management, geoscience education and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs. | 2. students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. | 3. Our students will develop skills to critically evaluate scientific questions and address those questions using both logical, laboratory, geospatial, and other creative approaches. | 4. Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. | 5. Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).		
Earth Science	Undergraduate Certificate	Water and Wastewater Operations, Certificate of Completion	15.0506	The Certificate of Completion in Water and Wastewater Operations provides students with a focused program of study in the fundamentals required to succeed in a wide range of careers in water and wastewater treatment. Water and Wastewater Operations includes the equipment, biological principles, and chemical principles needed to produce water that is safe and pleasant to drink and reclaimed wastewater that is safe and beneficial to release into the environment. Students in the certificate program learn the theory and methodology of water purification through courses in environmental microbiology, the hydraulics of water, drinking water treatment and water reclamation. In classroom discussions, field trips, and lab exercises students apply principles of biology and chemistry to real-world problems while gaining experience in the techniques they will use in a typical treatment plant.	1. With completion of this certificate, our students will develop the necessary technical knowledge to work in fields related to water delivery and treatment and to attain and maintain professional certification related to this career field.		

College of Science - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Biology	Minor	Biology, Minor	26.0101	The minor is a way for students to investigate the Biology Degree.	1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments. | 2. Critically evaluate scientific information. | 3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving. | 4. Effectively communicate scientific information in both written and oral formats. | 5. Explain fundamental biological concepts including cell biology, genetics, evolution, ecological principles, organismal biology, and biodiversity. | 6. Apply scientific concepts both across and outside of biology that demonstrate interdisciplinary understanding.		
Chemistry	Minor	Chemistry, Minor	40.0501	The minor in chemistry provides students with a broad introduction to general, organic, and analytical chemistry. The minor may be used to develop interdisciplinary and applied skills in chemistry and to learn how to communicate scientific ideals and knowledge about chemistry.	1. Recall, integrate, and apply essential core information about the key components of chemistry | 2. Qualitatively and quantitatively interpret scientific data | 3. Convey scientific ideas and knowledge clearly and professionally in a written format | 4. Demonstrate key laboratory skills and understanding of the laboratory safety		
Earth Science	Minor	Earth Science, Minor	40.0699	The Minor in Earth Science can be combined with other university-wide bachelor's degrees. The minor provides students with broad academic knowledge of foundational scientific principles in this field of study. In addition to taking introductory lecture and lab courses in geology (4 credits), students will complete at least two lower division earth science courses (7 credits) and three upper division earth science courses (10 credits). Students can choose to specialize their minor with up to three classes in weather and climate, or a series of classes in geology and geochemistry, or a series of courses that focus on earth surface processes and hazards geology, or they can choose to take a very broad range of courses spanning topics such as environmental science, meteorology, oceanography, paleontology and Earth history, tectonics, and others.	1. Knowledge of at least two of the core fields of earth science, including petrology, mineralogy, sedimentology, paleontology, structural geology, engineering geology, hydrology, climatology, and meteorology. | 2. Ability to communicate effectively both verbally and in writing.		
Earth Science	Minor	Environmental Science and Management, Minor	3.0104	Environmental science is the study of the Earth's surface, including its water and atmosphere, with a particular focus on their relationship to humans and other living things. Environmental science applies chemistry, physics, mathematics, and biology to answer questions about the Earth and its interrelationships with living things. Environmental management focuses on the maintenance of environmental resources, for example water resources. Environmental scientists may conduct studies in the field, in the laboratory using advanced analytical equipment, and in the office using specialized computer software. The program is preparation for a variety of career paths, including water monitoring, treatment, and pollution control with local, state, or federal agencies; environmental consulting with private industry; and other careers that draw on a background in the natural sciences, including law, public policy, and public health.	1. Develop the necessary technical knowledge in environmental science and technology management and the underlying foundational and interdisciplinary sciences to succeed in their professional careers. | 2. Demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. | 3. Develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches | 4. Articulate how the relevant governmental agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated environmental laws and regulations relate to their field of study. | 5. Illustrate that they have sufficient knowledge of the breadth of career opportunities available to them so that they can obtain career satisfaction.		
Earth Science	Minor	Geography, Minor	45.0701	The Minor in Geography allows students to focus on either of the major sub-disciplines of geography, namely physical geography or human geography, or to follow a broad curriculum in geography. The minor will also overlap with the coursework required of students seeking a Utah state teaching endorsement in geography.	1. Technical Knowledge: Prior to graduation, our students will develop the necessary technical knowledge in Earth systems and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs. | 2. Skill in oral and written communication: Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. This includes orally presenting the results of research to technical and non-technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports. | 3. Skill in problem solving and reasoning: Our students will develop skills to critically evaluate scientific questions and address those questions using both logical, laboratory, geospatial, and other creative approaches. | 4. Knowledge of agencies, laws, and regulations: Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, laws, and regulations. | 5. Knowledge of Professional Options and Responsibilities: Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).		
Exercise Science and Outdoor Recreation	Minor	Exercise Science, Minor	31.0505	The Exercise Science curriculum has been designed to address student needs and current market demands. Through practical experiences in laboratory settings using state of the art equipment, students are exposed to a wide range of engaged learning experiences as well as research opportunities designed to develop essential skills necessary to be successful in a variety of major related fields.	1. Enhance critical thinking and problem solving skills | 2. Develop skills that support professional competencies through undergraduate research, service learning, and internship opportunities | 3. Prepare students to successfully apply obtained knowledge and skills within their chosen profession		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Exercise Science and Outdoor Recreation	Minor	Outdoor Recreation, Minor	31.0501	In the Exercise Science and Outdoor Recreation Minor students complete courses in Anatomy, Physiology, Sport Medicine, Exercise Testing and Prescription, and Exercise Physiology. The program is designed to prepare students for employment at the entry level in health and fitness related occupations as well as for higher education.	1. Express satisfaction with opportunities for applied learning | 2. Comfortable and effective carrying our group activities | 3. Express satisfaction with opportunities for applied learning, service learning, and learning through coursework		
Mathematics	Minor	Mathematics, Minor	27.0101	The mathematics minor can be combined with a variety of degrees throughout the university.	1. Knowledge of calculus, differential equations and linear algebra, plus two elective upper division mathematics courses. | 2. The ability to communicate mathematics clearly, both verbally and in writing.		
Physics	Minor	Physics, Minor	40.0801	A minor in physics represents a substantial investment in mastering the basics of physics and gaining suitable problem solving skills that may then be applied to other disciplines.	1. Demonstrate understanding of how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc. | 2. Apply fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics. | 3. Use mathematics and mathematical models correctly to solve physics problems. | 4. Follow practices necessary for safely using laboratory equipment. | 5. Demonstrate understanding of the role of computation in physics and appropriate computer skills. | 6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings. | 7. Demonstrate physics research skills and use ethical research practices.		

College of Science - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Mathematics	Master's Degree	Master of Science - Mathematics Education, M.S.	13.1311	The Master of Science in Mathematics Education (MS-MEd) is designed for individuals interested in strengthening their understanding of mathematics, statistics, and educational theory and practice in order to enrich their own teaching of mathematics and statistics. Completion of the program will also qualify individuals to teach concurrent enrollment courses and to teach at some community colleges and universities. For college-level academic concurrent enrollment (dual-credit) courses, the Utah Valley University Mathematics Department requires that instructors have a master's or doctoral degree with 18 graduate hours in mathematics or statistics. However, the MS-MEd does not lead to a teaching license. The program is flexible to serve the needs of in-service teachers.	1. Offer improved math instruction based on a solid foundation of graduate mathematics content and best practices for teaching strategies and technologies. | 2. Implement problem-based, technology-intensive and student focused instruction by achieving the necessary breadth of expertise, skills, and professional disposition. | 3. Teach mathematical concepts more effectively to secondary students from varied backgrounds and with diverse goals, from the broader, deeper, and more advanced perspectives provided by their course and project work. | 4. Solve problems arising from a variety of other disciplines using mathematical methods of formulation, computation, and analysis. | 5. Design learning environments and curricula that can be immediately incorporated in classroom lessons, based on the expert knowledge they have gained.		

College of Science - Graduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Mathematics	Graduate Certificate	Mathematics, Graduate Certificate	13.1311	The Graduate Certificate in Mathematics aims to improve mathematics education and student achievement by focusing on two specific research-supported areas. First, by delivering high-quality content-based knowledge critical to student achievement, and second, by targeting in-service teachers who desire to teach dual credit in high school, given that dual-credit/dual-enrollment students are more likely to persist in college and are more likely to complete a bachelor's degree in less time than those who did not attempt college credits in high school. Graduate courses for this program will be offered as evening classes and during summer sessions to match in-service teachers' schedules and will be taught on the main campus and live-interactive by Utah Valley University's full-time graduate faculty.	1. Offer improved math instruction based on a solid foundation of graduate mathematics content and best practices for teaching strategies and technologies. | 2. Implement problem-based, technology-intensive and student focused instruction by achieving the necessary breadth of expertise, skills, and professional disposition. | 3. Teach mathematical concepts more effectively to secondary students from varied backgrounds and with diverse goals, from the broader, deeper, and more advanced perspectives provided by their course and project work. | 4. Solve problems arising from a variety of other disciplines using mathematical methods of formulation, computation, and analysis.		

School of the Arts

School of the Arts: Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Art and Design	Associate Degree	Art and Design, A.A.S.	50.0401	See associated emphasis	See associated emphasis		
Art and Design	Emphasis	Art and Design - Design/Illustration Emphasis, A.A.S.	50.0401	The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry-level jobs within the Illustration industry. The program is ideal for students wanting to pursue careers in traditional illustration, digital illustration, or animation. Students have access to the best software in the industry and courses offer a well-rounded and practical learning experience. Courses in figure drawing, anatomy and figure structure, 3-D computer modeling, and imagination and creative problem solving are just a few of the classes available to students. Students in the illustration program benefit from interaction with instructors who are nationally known, professional illustrators. The AAS degree and credits earned can be used to continue studies in a Bachelor of Fine Arts in illustration.	Contact the department for information		
Art and Design	Emphasis	Art and Design - Graphic Design Emphasis, A.A.S.	50.0401	The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry level jobs within the Illustration industry. This degree and credits earned can be used to further their studies in a Bachelor of Fine Arts or other programs.	Contact the department for information		
Art and Design	Emphasis	Art and Design - Photography Emphasis, A.A.S.	50.0401	The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry level jobs within the photography industry. This degree and credits earned can be used to further their studies in a Bachelor of Fine Arts or other programs.	Contact the department for information		
Art and Design	Associate Degree	Art and Design, A.A.	50.0401	Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.	Contact the department for information		
Art and Design	Associate Degree	Art and Design, A.S.	50.0401	Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.	Contact the department for information		
Art and Design	Associate Degree	Entertainment Design, A.A.S.	50.0401	A successful career in Entertainment Design requires a limitless imagination, the ability to invent and conceptualize new realities, and an understanding of the traditional and technological tools used to do so. This interdisciplinary degree encompasses concept, character, story, place, and time relevant to the entertainment industry. Students can expect to learn the skills and creative ability required of concept artists in the disciplines of character and story development such as character design, storyboarding, motion sequencing, and art direction. As an Entertainment Designer, you will create realities and experiences that excite minds by combining art and technology to bring extraordinary experiences to life in toys, games, comics, movies, environments, and more.	1: Employ efficient and accurate drawing and painting abilities that convey an understanding of perspective, light, material and color. | 2: Apply the use of anatomy, gesture, form, and staging in figure drawing and character design. | 3: Apply principles of composition, color theory, and form to concept designs and illustrations as a way to emphasize and dramatize story.		
Dance	Associate Degree	Dance, A.S.	50.0301	The Associate of Science in Dance is a two-year pre-major degree that provides students with basic foundational knowledge and skills in dance. Students are engaged in an array of courses to include Modern/Contemporary Dance, Ballet, and Jazz technique, improvisation, composition, dance conditioning, and somatic studies. Students pursuing the Bachelor degrees will also fulfill the requirements of the AS degree and are eligible to apply for it at graduation.	1. Level I technical competency in Ballet, Modern, and Jazz Dance. | 2. Level I competency in dance improvisation and composition. | 3. Level II performance in Ballet, Modern, and/or Ballroom Dance. | 4. Beginning competency in Laban Movement Analysis, Bartenieff Fundamentals, and Dance Conditioning. | 5. Beginning Level competency in applying concepts of music to dance. | 6. Written and oral communication skills specific to the field of dance.		
Music	Associate Degree	Music, A.S.	50.0901	The Associate in Science in Music is a two-year program that offers foundational studies in musicianship and performance. Prepares students for continuation in a four-year degree program in music.	1. Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity | 2. Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis | 3. Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation.		National Association of Schools of Music (NASM)
Theatrical Arts for Stage and Screen	Associate Degree	Theatre Studies, A.A.	50.0501	Contact the department for information	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		
Theatrical Arts for Stage and Screen	Associate Degree	Theatre Arts, A.S.	50.0501	The AS in Theatre Arts provides students with foundational training in Acting and Musical Theatre that prepares them to complete the Acting emphasis or Musical Theatre emphasis in the BFA Theatre Arts degree. The AS Theatre Arts degree offers classes in stagecraft and script analysis that are needed to complete the BFA core as well as acting, voice, and movement classes that are needed to complete the BFA emphases in Acting and Musical Theatre.	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		

School of the Arts - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Art and Design	Bachelor's Degree	Art and Design, B.F.A.	50.0401	Art and Design BFA Emphasis areas include Ceramics/Sculpture, Drawing/Painting, Graphic Design, Illustration, and Photography.	See associated emphasis		
Art and Design	Emphasis	Art and Design - Graphic Design Emphasis, B.F.A.	50.0401	Situated in the heart of the "Silicon Slopes," UVU's graphic design program is uniquely situated to offer students cutting-edge learning, internship, and job-placement opportunities. As students use the latest software to practice communicating creatively using typography and imagery, they learn to approach problem solving from marketing and artistic standpoints that resonate with target audiences. Courses emphasize creative, concept-intensive communication, and effective design implementation in both print and interactive design.	Contact the department for information		
Art and Design	Emphasis	Art and Design - Illustration Emphasis, B.F.A.	50.0401	The program is ideal for students wanting to pursue careers in traditional illustration, digital illustration, or animation. In addition to working with faculty who are professionals in their fields, students have access to the best software in the industry. Courses in figure drawing, children's book illustration, anatomy and figure structure, flash animation, 3-D computer rendering, and advanced illustration are just a few of the classes available to students. The courses offer a well-rounded and practical learning experience. Students in the illustration program benefit from interaction with instructors who are nationally known professional illustrators.	Contact the department for information		
Art and Design	Emphasis	Art and Design - Painting and Drawing Emphasis, B.F.A.	50.0401	Contact the department for information	Contact the department for information		
Art and Design	Emphasis	Art and Design - Photography Emphasis, B.F.A.	50.0401	UVU's photography program teaches the language of photography. Students will take courses to diversify their skill set in the creation and appreciation of different approaches to photography. They will work with film, historic photographic processes, and cutting edge digital technology. Students learn about and work in commercial and fine art environments. They will be taught working methods in the darkroom, studio lighting techniques, motion, and digital manipulation. The photo program emphasizes a hands-on and engaged approach. We actively look for opportunities to get our students on location and into real world scenarios through internships, study abroad programs, service oriented programs, and classes taught off campus.	Contact the department for information		
Art and Design	Emphasis	Art and Design - Sculpture and Ceramics Emphasis, B.F.A.	50.0401	UVU's BFA in ceramics and sculpture helps students build a strong foundation of design fundamentals, technical skills, and the use of materials. Whether throwing clay on a potter's wheel or listening to a class lecture, students discover endless sources of creative ideas while taking courses in low-fire ceramics, mold making, casting, ceramic technologies, and more.	Contact the department for information		
Art and Design	Bachelor's Degree	Art and Design, B.A.	50.0401	Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.	Contact the department for information		
Art and Design	Bachelor's Degree	Art and Design, B.S.	50.0401	Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.	Contact the department for information		
Art and Design	Bachelor's Degree	Art Education, B.S.	13.1302	The Bachelor of Science in Art Education prepares students to qualify for teaching licensure for 7--12th grade. Curriculum is designed to give students a background in general education, as well as secondary education. Students can also focus on a single studio area within visual arts such as painting/drawing, sculpture/ceramics, illustration or printmaking.	Contact the department for information	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Art and Design	Bachelor's Degree	Art History, B.A.	50.0703	The Bachelors of Art in Art History degree at UVU offers a strong foundation in the study of art history and the liberal arts, with an emphasis on both intellectual and practical skills. The department offers an array of art history courses on topics ranging from ancient culture to contemporary art, as well as specialized courses on such relevant topics as museum studies and arts management.	Contact the department for information		
Art and Design	Bachelor's Degree	Entertainment Design, B.F.A.	50.0401	A successful career in Entertainment Design requires a limitless imagination, the ability to invent and conceptualize new realities, and an understanding of the traditional and technological tools used to do so. This interdisciplinary degree encompasses concept, character, story, place, and time relevant to the entertainment industry. Students can expect to learn the skills and creative ability required of concept artists in the disciplines of character and story development such as character design, storyboarding, motion sequencing, and art direction. As an Entertainment Designer, you will create realities and experiences that excite minds by combining art and technology to bring extraordinary experiences to life in toys, games, comics, movies, environments, and more.	1: Employ efficient and accurate drawing and painting abilities that convey an understanding of perspective, light, material and color. | 2: Apply the use of anatomy, gesture, form, and staging in figure drawing and character design. | 3: Apply principles of composition, color theory, and form to concept designs and illustrations as a way to emphasize and dramatize story. | 4: Combine traditional and digital tools to create a variety of concept art including creatures, characters, environments, vehicles, costumes, and props in both 2D and 3D. | 5: Develop proficient problem-solving skills through the use of research and development in ideation for storyboarding and sequential art. | 6: Develop skills in modeling, texturing, lighting and rendering for 3D and 2D animation.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Dance	Bachelor's Degree	Dance, B.F.A.	50.0301	See associated emphasis	See associated emphasis		
Dance	Emphasis	Dance - Ballet Emphasis, B.F.A.	50.0301	The BFA in Dance with an emphasis in Ballet at Utah Valley University offers a rigorous program grounded in technique, performance, and choreography that is approached through a historical, somatic, scientific, and theoretical lens. The common core curriculum provides a broad knowledge base that supports the Ballet Program's specialized courses. Performance opportunities include- Repertory Ballet Ensemble (RBE), a pre-professional performing ensemble that has earned a notable reputation for their presentation of classical and contemporary choreography, Utah Metropolitan Ballet (UMB) a professional ballet company in residence at UVU, and Senior Capstone concerts, which culminates students' learning. The UVU Ballet Program provides ongoing opportunities for students to work with national and international guest artists. In addition, opportunities exist for students to participate in academic conferences and regional festivals, such as the American College Dance Association Conference, the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research.	1. Applicable knowledge base in somatic practices that enhance performance and technique including, Laban Movement Analysis, Bartenieff Fundamentals, Advanced Movement Analysis, and Dance Conditioning. | 2. Level 2 technical competency in Character Dance, Jazz, and Modern. | 3. Ability to generate original movement material and create well-crafted and meaningful choreography. | 4. Pre-professional or professional performance skills. | 5. Written and oral communication skills specific to the field of dance. | 6. Fluency in a variety of traditional and contemporary ballet techniques and styles. | 7. Level 4 Technical competency in Pointe (Women) or (Men's class Men). | 8. Advanced Level competency in applying concepts of music to Ballet and dance in general.		
Dance	Emphasis	Dance - Modern Dance Emphasis, B.F.A.	50.0301	The Modern/Contemporary Dance Program in UVU's Department of Dance is a rigorous program that provides dance training for BFA students with a strong foundation in technique and choreography. This daily physical practice merges with serious scholarly study of dance in its historical, somatic, theoretical, scientific, pedagogical, and cultural contexts. The rigorous course study of the BFA in Modern/Contemporary Dance prepares the next generation of dance artists and scholars for myriad career opportunities. The Modern/Contemporary Dance Program provides opportunities for students to work with nationally and internationally recognized guest artists on a yearly basis, to participate in study abroad programs, and to work alongside faculty mentors in scholarly and creative research. Performance opportunities include Contemporary Dance Ensemble (CDE) a pre-professional level modern dance company and upper division course; Synergy Dance Company, which produces student and guest artists work in concert; and Senior Capstone Concerts. The Modern/Contemporary Program participates annually in the American College Dance Association conference and has been selected to perform at the national festival held at the Kennedy Center for the Performing Arts in Washington D.C. Dance majors also participate in several academic conferences and regional festivals including the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research. Students graduating from the UVU Modern/Contemporary Dance Program are prepared to enter the world as artists, teachers, performers, choreographers, critical thinkers, problem solvers, and engaged human beings.	1. Perform dance with artistry demonstrating advanced level technical competency. | 2. Create choreographic works of artistic merit and personal voice demonstrating skills in choreographic elements, principles, and structures of dance. | 3. Integrate diverse theoretical dance knowledge and skills in the writing, performance and creation of dance. | 4. Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills. | 5. Demonstrate proficiency in writing and teaching of modern dance lesson plans.		
Dance	Bachelor's Degree	Dance, B.S.	50.0301	See associated emphasis	See associated emphasis		
Dance	Emphasis	Dance - Ballroom Dance Emphasis, B.S.	50.0301	The Utah Valley Ballroom Program promotes access and appreciation for ballroom dance through its courses, performances, and outreach. Majors and non-majors alike are integrated in the courses and performances which creates a vibrant learning environment. The BS in Dance with an emphasis in Ballroom Dance degree program offers students the potential of having a broad foundation in dance, provided by the core class requirements, with a specialization in the technique, and performance skills in Ballroom Dance. Specialized course offerings include International, Latin, and American styles of ballroom dance as well as choreography, ballroom styles, and pedagogy. Performance opportunities include the Ballroom Company comprised of the Ballroom Tour Team, the Back-up Ballroom Team, the Beginning Team and Capstone Concerts. Students have the opportunity to compete in regional, national and international competitions as solo group and as a team, participate in national and/or international touring.	1. Perform ballroom dance with artistry demonstrating advanced level technical competency. | 2. Create choreographic works of artistic merit demonstrating skills in choreographic elements, principles, and structures of dance. | 3. Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills. | 4. Demonstrate proficiency in teaching ballroom dance.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Dance	Bachelor's Degree	Dance Education, B.S.	13.1324	The Dance Education program is dedicated in preparing students to teach, create, and perform dance at the highest level. Students participate in a rigorous Bachelor's of Science degree program focusing on developing exceptional dance artists and outstanding dance teachers dedicated to the art, craft, creativity, and teaching of dance. Students are encouraged to participate in the dance and education communities through guest artist, workshops, and conferences (regional, national, and international). Rigorous coursework includes various dance techniques, choreography, performance, dance history, world dance, kinesiology, somatic studies, pedagogy, music and production. Students receive their secondary certification with an option to receive their elementary endorsement in dance. Dance Education majors have numerous career options. to include the public and private school settings, private studios, community centers, and higher education. Students are able to pursue both the BFA in Modern/Contemporary Dance and a BS in Dance Education. Performance opportunities include Contemporary Dance Ensemble (CDE) a pre-professional level modern dance company and upper division course; Synergy Dance Company, which produces student and guest artists work in concert; and Senior Capstone Concerts. The Dance Education Program participates annually in the festival of the American College Dance Association, and has been selected to perform at the national festival held at the Kennedy Center for the Performing Arts in Washington D.C. In addition, it also participates in several academic conferences and regional festivals including the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research.	1. Perform dance with artistry demonstrating an intermediate/advanced level technical competency. | 2. Create choreographic works of artistic merit and personal voice demonstrating skills in choreographic elements, principles, and structures of dance. | 3. Integrate diverse theoretical dance knowledge and skills in the writing, performance, and creation of dance. | 4. Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills. | 5. Demonstrate proficiency in writing and teaching of unit and lesson plans in the public schools. | 6. Demonstrate proficient skills and knowledge necessary to create a vibrant and artistic secondary dance program based on state and national standards.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Music	Bachelor's Degree	Commercial Music, B.M.	50.0913	The Bachelor of Music in Commercial Music prepares students for professional work in the music media industry. Students may select from two tracks, one in media composition and the second in music technology and production.	1. Analyze the elements, forms, and processes in music. | 2. Evaluate the elements, forms, and processes in music. | 3. Describe the major historical periods, composers, styles, and genres of music. | 4. Categorize the major historical periods, composers, styles, and genres of music. | 5. Assess the major historical periods, composers, styles, and genres of music. | 6. Develop musical judgements and self-assess their efforts. | 7. Defend musical judgements. | 8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice. | 9. Use collaboration skills in making music. | 10. Apply music technology to various commercial music contexts.		National Association of Schools of Music (NASM)
Music	Bachelor's Degree	Music, B.A.	50.0901	The Bachelor of Arts/Science in Music is a liberal arts degree with a significant component of electives designed for students who desire a broad base of knowledge. The Bachelor of Arts in Music includes foreign language requirements.	1. Analyze the elements, forms, and processes in music. | 2. Evaluate the elements, forms, and processes in music. | 3. Describe the major historical periods, composers, styles, and genres of music. | 4. Categorize the major historical periods, composers, styles, and genres of music. | 5. Assess the major historical periods, composers, styles, and genres of music. | 6. Develop musical judgements and self-assess their efforts. | 7. Defend musical judgements. | 8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice. | 9. Use collaboration skills in making music.		National Association of Schools of Music (NASM)
Music	Bachelor's Degree	Music, B.S.	50.0901	The Bachelor of Arts/Science in Music is a liberal arts degree with a significant component of electives designed for students who desire a broad base of knowledge.	1. Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity | 2. Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis | 3. Music History: Students will demonstrate the application of knowledge related to the history of music, including various time periods, historical figures, styles and genres in Western and non-Western musical traditions. | 4. Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation.		National Association of Schools of Music (NASM)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Music	Bachelor's Degree	Music Education, B.S.	13.1312	The Bachelor of Science in Music Education degree provides students with the competencies essential for a professional career in music secondary education.	1. Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity | 2. Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis | 3. Music History: Students will demonstrate the application of knowledge related to the history of music, including various time periods, historical figures, styles and genres in Western and non-Western musical traditions. | 4. Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation. | 5. Scoring and Arranging: Students will create coherent and artistic arrangements for instrumental and/or vocal ensembles using industry standard music notation software. | 6. Literature, Methods, and Teaching: Students will demonstrate an understanding of literature, methodology, and administration of a school choral or instrumental program. Students will demonstrate proficiency in teaching skills including classroom management, rehearsal techniques, creating assessments for instruction to various ages and skill levels, and the ability to diagnose and correct musical and technical faults. | 7. Conducting: Students will demonstrate clarity and expressivity in conducting gesture (with and without baton), proficiency in score reading, and communicating musical ideas to an ensemble.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP) National Association of Schools of Music (NASM)
Music	Bachelor's Degree	Performance, B.M.	50.0903	The Bachelor of Music in Performance degree prepares students for performance-related work and studio teaching. In addition to standard courses that focus on performance skills, it includes courses relevant to the music industry such as entrepreneurship, music technology, and studio recording.	1. Analyze the elements, forms, and processes in music. | 2. Evaluate the elements, forms, and processes in music. | 3. Describe the major historical periods, composers, styles, and genres of music. | 4. Categorize the major historical periods, composers, styles, and genres of music. | 5. Assess the major historical periods, composers, styles, and genres of music. | 6. Develop musical judgements and self-assess their efforts. | 7. Defend musical judgements. | 8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice. | 9. Use collaboration skills in making music. | 10. Apply pedagogical skills in their area by appropriately critiquing student work and designing an applicable learning strategy. | 11. Perform on their instrument or voice in an exemplary manner that demonstrates a high level of achievement and career potential.		National Association of Schools of Music (NASM)
Theatrical Arts for Stage and Screen	Bachelor's Degree	Theatre Arts, B.F.A.	50.0501	See associated emphasis	See associated emphasis		
Theatrical Arts for Stage and Screen	Emphasis	Theatre Arts - Acting Emphasis, B.F.A.	50.0501	The BFA Acting Emphasis provides conservatory-style training that allows greater depth of focus in acting performance. It requires application and audition prior to admission. The degree includes hands-on, intensive work in acting techniques for stage and screen, movement, voice, and improvisation. The degree also provides performance opportunities that prepare students for professional careers in acting.	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		
Theatrical Arts for Stage and Screen	Emphasis	Theatre Arts - Musical Theatre Emphasis, B.F.A.	50.0501	In the Bachelor of Fine Arts program, Acting students receive extensive training in acting, voice, movement, and auditioning, while Musical Theatre students receive extensive training in movement, dance, and vocal and singing technique, as well as acting. Theatre Design and Production students receive extensive design in conceptualization, stage management, costuming, lighting, makeup, scenic design, and rendering.	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		
Theatrical Arts for Stage and Screen	Emphasis	Theatre Arts - Theatre Design and Production Emphasis, B.F.A.	50.0501	The BFA Theatre Production and Design Emphasis provides conservatory-style training that allows greater depth of focus in costume, lighting, and scenic design and construction, sound design, stage management, and technical direction. It requires portfolio submission and interview prior to admission. The degree includes hands-on, intensive work in theatre design, culminating in designing for a main season department production. The emphasis prepares students for professional careers as designers and technicians.	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		
Theatrical Arts for Stage and Screen	Bachelor's Degree	Theatre Education, B.S.	50.0501	The BS in Theatre Education prepares students with core knowledge of the practice and history of theatre as well as the state and national standards for secondary school teaching and directing. Theatre courses prepare students to teach middle and high students in performance, theatre history, script analysis, and design and production. The degree includes 24 credits in pedagogy in the School of Education as well as supervised student teaching. Graduates earn Utah secondary school teaching certification and are prepared to enter careers as professional theatre teachers.	Contact the department for information	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Theatrical Arts for Stage and Screen	Bachelor's Degree	Theatre Studies, B.A.	50.0501	The BA in Theatre Studies is a broad-based liberal arts degree that provides a foundation in script analysis, theatre history, dramatic literature, stagecraft, directing, stage management, and acting and allows students to choose courses in performance, design, and technical production, dramaturgy, film studies, scriptwriting, theatre administration, and theatre for children and youth that will help them to fulfill their vocational or avocational objectives or to prepare them for graduate studies in theatre.	1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events. | 2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus. | 3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.		

School of the Arts - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Art and Design	Undergraduate Certificate	Art and Design, Certificate of Completion	50.0401	The certificate provides basic instruction in both two-dimensional and three-dimensional using traditional and digital tools.	1: Demonstrate skills with one of the following: contour, line, gesture, tone, value, texture, mark making, and handling of medium. | 2: Demonstrate skills with one of the following: depth and spatial illusion, accurate/realistic representation, and rendering 3D form. | 3: Demonstrate skills with one of the following: composition, focal point, direction of viewer's eye, and balance. | 4: Demonstrate with skill: focused technique/style using one of the following media (painting, drawing, graphic design, photography, sculpture/ceramics etc.) | 5: Demonstrate skills with: the craftsmanship and execution of artistic work. | 6: Demonstrate skills with: producing artwork in a variety of appropriate techniques or styles. You might consider creative/personalized visual style, media, subject matter, or psychological tone. | 7: Demonstrate skills with: creating or critiquing projects in collaboration with a variety of individuals from different emphases inside and/or outside of the department. | 8: Demonstrate with skill: how art has an influence across cultures/subcultures.		
Art and Design	Undergraduate Certificate	Art and Design, Certificate of Proficiency	50.0401	This certificate is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field while still enrolled in high school and stack into certificate, associate, and bachelor degrees at UVU. This certificate is meant to help students become college ready; it does not prepare them to be job ready.	1: Understand how to modify digital images. | 2: Develop basic design skills. | 3: Understand how to create page basic page layout skills. | 4: Understand the elements and principles of design. | 5: Apply elements and principles of design to a series of design problems. | 6: Create projects based on such principles as line, shape, rhythm, contour, value, and contrast.		
Dance	Undergraduate Certificate	Ballroom Dance, Certificate of Proficiency	50.0399	Promotes access to and appreciation for ballroom dance. Provides rigorous instruction in ballroom dance technique. Focuses on performance skills and teaching methods of ballroom dance. Prepares students to enter the field of ballroom dance as artists, teachers, choreographers, critical thinkers, problem solvers, and engaged human beings.	1. Perform ballroom dance figures using proper technique. | 2. Perform ballroom dance choreography with artistry. | 3. Teach ballroom dance with proficiency. | 4. Create choreographic works demonstrating skill in the choreographic principles.		
Music	Undergraduate Certificate	Collaborative Piano-Chamber Music, Certificate of Proficiency	50.0907	The Certificate of Proficiency in Collaborative Piano-Chamber Music is a one-year program designed to provide further education for pianists interested in collaborating with instrumentalists. The program provides a thorough education in all aspects of piano technique related to instrumentalist accompanying, including strings, woodwinds, brass, and percussion. The degree is open to current UVU students and local pianists seeking to refine their collaborative piano skills through instrumental literature.	1. Aural literacy. Demonstrate with competency the ability to apply the elements of music in performance contexts with other musicians. | 2. Professional excellence. Demonstrate with competency the ability to accompany an instrumental soloist or chamber ensemble in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets. | 3. Creative diversity. Demonstrate with competency the ability to include individual expression in instrumental repertoire to communicate and express unique ideas.		
Music	Undergraduate Certificate	Collaborative Piano-Vocal Coaching, Certificate of Proficiency	50.0907	The UVU Certificate of Proficiency in Collaborative Piano/Vocal Coaching is a one-year program designed to provide further education for pianists interested in collaborating with vocalists. The program provides a thorough education in all aspects of piano technique related to vocal accompanying, diction, and literature. The degree is open to current UVU students and local pianists enrolled at UVU seeking to refine their collaborative piano skills through vocal literature.	1. Aural literacy. Demonstrate with competency the ability to apply the elements of music in performance contexts with other musicians. | 2. Professional excellence. Demonstrate with competency the ability to coach and accompany a vocal soloist n a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets. | 3. Creative diversity. Demonstrate with competency the ability to include individual expression in vocal repertoire to communicate and express unique ideas.		
Music	Undergraduate Certificate	Music Technology, Certificate of Proficiency	50.0913	The Music Technology Certificate of Proficiency prepares students for work in the commercial music industry. Coursework includes completion of the Avid Pro Tools User Certification and Sibelius Certification.	1. Produce audio for live performance, streaming media, and fixed media distribution. | 2. Create real-time and sequenced digital music data; i.e., Musical Instrument Digital Interface and Open Sound Control. | 3. Manipulate real-time and sequenced digital music data; i.e., Musical Instrument Digital Interface and Open Sound Control. | 4. Create electro-acoustic music with technical facility and expressive musicianship. | 5. Perform electro-acoustic music with technical facility and expressive musicianship.		
Music	Undergraduate Certificate	Piano Pedagogy, Certificate of Proficiency	50.0907	The UVU Certificate of Proficiency in Piano Pedagogy is a one-year program designed to equip present and prospective piano teachers with rigorous and practical musical training. The program is open to current teachers and UVU students seeking non-piano degrees who are seeking to enhance their individual piano ability and deepen their knowledge of pedagogical theories and techniques.	1. Investigate the current and historical methods in teaching elementary and intermediate piano students. | 2. Evaluate piano repertoire and technique for elementary and intermediate piano students. | 3. Perform piano repertoire and technique for elementary and intermediate piano students. | 4. Design teaching strategies for a given student using appropriate pedagogical skills and teaching applications.		
Theatrical Arts for Stage and Screen	Undergraduate Certificate	Theatre Technology, Certificate of Proficiency	50.0502	The Certificate of Proficiency in Theatre Technology provides students with basic training in theatre technology. The department will offer the certificate for students completing beginning courses in stagecraft, costume construction, lighting and sound operation, makeup, shop and backstage procedures, basic design principles, and drafting.	1. Execute basic makeup application skills for stage, including corrective, glamour, age, stylized, putty, crepe hair, and wig application. | 2. Identify and demonstrate backstage skills required to plan and produce scenery, props, and lighting and sound for theatrical productions. | 3. Employ costume construction technologies using a commercial pattern and demonstrate measuring and fitting techniques.		

School of the Arts - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Art and Design	Minor	Art History, Minor	50.0703	Because art history is cross-disciplinary by nature, a minor in art history would compliment almost any degree, whether within or outside of the arts. The minor requires 18 credits of art history courses, including the survey classes Art to and from the Renaissance, as well as four upper division electives, ranging from ancient to contemporary art history. The minor creates a more diverse skill set for students of the visual arts, as well as a more culturally rich educational experience for students outside of the arts.	Contact the department for information		
Music	Minor	Music, Minor	50.0901	A Minor in Music offers introductory studies in musicianship and performance, including theory, aural skills, private instruction, and ensemble participation.	1. Analyze the elements, forms, and processes in music. | 2. Evaluate the elements, forms, and processes in music. | 3. Develop musical judgements and self-assess their efforts. | 4. Defend musical judgements. | 5. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice. | 6. Use collaboration skills in making music.		
Theatrical Arts for Stage and Screen	Minor	Theatre Studies, Minor	50.0501	Contact the department for information	Contact the department for information		


School of Education
UTAH VALLEY
UVU
UNIVERSITY

School of Education - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Elementary Education	Associate Degree	Early Childhood Education, A.S.	13.121	Contact the department for information	Contact the department for information		
Elementary Education	Associate Degree	Pre-Elementary Education, A.S.	13.121	Prepares students for matriculation into the Bachelor of Science Professional Elementary Education program.	1. A student will acquire a foundation of intellectual and practical skills including communication, quantitative reasoning, and technical and information literacies. | 2. A student will demonstrate knowledge of human cultures and the physical and natural world in the following areas of essential study: arts, history, humanities, languages, science and mathematics, social sciences. | 3. Prepares students for matriculation into the Bachelor of Science Professional Elementary Education program.		
Student Leadership & Success Studies	Associate Degree	University Studies, A.A.	24.0102	The University Studies Associate in Arts/Science is designed to provide an opportunity for students who may be potentially exploring their career and major options, or provides flexibility for those that are seeking an Associate that enables transferability or simply completion of a broad variety of curriculum options. The AS/AA UVST enables the ability to begin work toward the General Education requirements while meeting the needs of a broad variety of student circumstances.	1. Students will complete 25 credits of any 1000 level course or higher. These electives allow students to customize their curriculum to their individual needs, explore various major and career opportunities, and utilize credits toward graduation that may span a broad variety of topics. | 2. Students will obtain a flexible degree that will allow for multiple career opportunities or progression into a variety of BA/BS options. | 3. Students will complete General Education requirements for UVU associates level degrees.		
Student Leadership & Success Studies	Associate Degree	University Studies, A.S.	24.0102	The University Studies Associate in Arts/Science is designed to provide an opportunity for students who may be potentially exploring their career and major options, or provides flexibility for those that are seeking an Associate that enables transferability or simply completion of a broad variety of curriculum options. The AS/AA UVST enables the ability to begin work toward the General Education requirements while meeting the needs of a broad variety of student circumstances.	1. Students will complete 25 credits of any 1000 level course or higher. These electives allow students to customize their curriculum to their individual needs, explore various major and career opportunities, and utilize credits toward graduation that may span a broad variety of topics. | 2. Students will obtain a flexible degree that will allow for multiple career opportunities or progression into a variety of BA/BS options. | 3. Students will complete General Education requirements for UVU associates level degrees.		

School of Education - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Elementary Education	Bachelor's Degree	Elementary Education, B.S.	13.1202	The Professional Elementary Teacher Education Program at Utah Valley University is designed to prepare quality, entry level candidates for teaching in elementary education programs grades K-8. Students successfully completing the UVU professional teacher education program graduation and licensure requirements receive a baccalaureate degree in Elementary Education and a Utah Professional Educator License. To continue in the teacher education program, students are expected to maintain all program standards. They must maintain expected levels of competence in all coursework, field work, and student teaching with all course grades at or above a B- and a program GPA of 3.00 or higher. Additionally, teacher candidates are expected to adhere to standards of personal integrity, responsibility, and citizenship commonly expected of professional educators. The UVU teacher education program is accredited by the Association for Advancing Quality in Educator Preparation (AAQEP), the Utah State Office of Education, and the Northwest Commission on Colleges and Universities.	1. Design and implement effective instructional practices. | 2. Create safe and productive learning environments. | 3. Apply knowledge of developmental patterns to instructional design and assessment.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Secondary Education	Bachelor's Degree	Physical Education Teacher Education, B.S.	13.1314	Contact the department for information	1. describe and apply motor development theory and principles related to skillful movement, physical activity and fitness. | 2. plan and implement progressive and sequential instruction that addresses the diverse needs of all students | 3. select or create appropriate assessments that will measure student achievement of goals and objectives. | 4. know and apply discipline-specific scientific and theoretical concepts critical to the development of physical education individuals. | 5. physically educated individuals with the knowledge and skills necessary to demonstrate competent movement performance and health enhancing fitness as delineated in the NASPEK-12 Standards. | 6. plan and implement developmentally appropriate learning experiences aligned with local, state, and national standards to address the diverse needs of all students. | 7. use effective communication and pedagogical skills and strategies to enhance student engagement and learning. | 8. utilize assessments and reflection to foster student learning and inform instructional decisions. | 9. demonstrate dispositions essential to becoming effective professionals.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Secondary Education	Bachelor's Degree	Special Education - Mild/ Moderate/ Severe and Autism Studies, B.S.	13.1011	Contact the department for information	1. Developed an understanding of how cognitive, linguistic, social, emotional, and physical areas of student learning development meet the needs of individual learning differences. | 2. Developed an understanding of individual learner differences and cultural and linguistic diversity. | 3. Displayed the ability to work with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation. | 4. Developed an understanding of the central concepts, tools of inquiry, and structures of the discipline. | 5. Learned to apply multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met. | 6. Learned how to plan instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas, Utah Core standards, practices, and the community context. | 7. Displayed the ability to use various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways. | 8. Displayed the ability to be a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner. | 9. Displayed the ability to be a leader who engages collaboratively with learners, families, colleagues, and community members to build a shared vision and supportive professional culture focused on student growth and success. | 10. Demonstrated the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Student Leadership & Success Studies	Bachelor's Degree	University Studies, B.A.	24.0102	The BA/BS is designed to meet the academic and professional objectives of learners whose needs are not addressed through existing degree programs. The degree assists learners in developing essential skills valued by employers and graduate schools (e.g., applied learning, critical thinking, written and oral communication, teamwork, ethical reasoning, and global understanding) within the framework of a larger discipline. Learners will complete a structured yet customized set of upper division courses under the guidance of an advisor and faculty mentor to ensure that standards for academic rigor at the Bachelor level are achieved. Candidates for the degree will focus on intellectual skills and integrative knowledge by enrolling in courses in a general disciplinary area with intentionally-selected, specialized knowledge courses that contribute to an integrated whole, and by completing a capstone experience that further prepares them for their chosen professions or graduate school admission. Under the direction of a faculty member, students will complete a capstone course or an internship which will involve reflection and a synthesis of learning to demonstrate achievement of the learning outcomes for the degree.	1. Connect prior learning and future plans to essential learning outcomes. | 2. Use multidisciplinary perspectives to synthesize facts, ideas, and information to independently solve problems. | 3. Communicate to a variety of stakeholders using written, verbal, or digital skills. | 4. Use self-directed skills to complete project(s). | 5. Use forward-thinking skills to connect prior learning to trends.		
Student Leadership & Success Studies	Bachelor's Degree	University Studies, B.S.	24.0102	The BA/BS is designed to meet the academic and professional objectives of learners whose needs are not addressed through existing degree programs. The degree assists learners in developing essential skills valued by employers and graduate schools (e.g., applied learning, critical thinking, written and oral communication, teamwork, ethical reasoning, and global understanding) within the framework of a larger discipline. Learners will complete a structured yet customized set up upper division courses under the guidance of an advisor and faculty mentor to ensure that standards for academic rigor at the Bachelor level are achieved. Candidates for the degree will focus on intellectual skills and integrative knowledge by enrolling in courses in a general disciplinary area with intentionally-selected, specialized knowledge courses that contribute to an integrated whole, and by completing a capstone experience that further prepares them for their chosen professions or graduate school admission. Under the direction of a faculty member, students will complete a capstone course or an internship which will involve reflection and a synthesis of learning to demonstrate achievement of the learning outcomes for the degree.	1. Connect prior learning and future plans to essential learning outcomes. | 2. Use multidisciplinary perspectives to synthesize facts, ideas, and information to independently solve problems. | 3. Communicate to a variety of stakeholders using written, verbal, or digital skills. | 4. Use self-directed skills to complete project(s). | 5. Use forward-thinking skills to connect prior learning to trends.		

School of Education - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Elementary Education	Undergraduate Certificate	Early Care and Education, Certificate of Completion	13.1209	This certificate is for students interested in increasing their skills in working with children in child care and preschool programs. Individuals are prepared to work as technicians in public education classrooms and as teacher aides in private centers or Head Start.	1. Program graduates identify and conduct themselves as members of the early childhood profession. | 2. Program graduates understand that knowledge of child development, child centered environments and learning experiences, and appropriate assessment are central to the practice of all early childhood professionals. | 3. Program graduates use their knowledge of academic disciplines to design, implement, and evaluate experiences that promote positive development and learning for each young child.		
Secondary Education	Undergraduate Certificate	Autism Studies, Certificate of Proficiency	13.1013	The Autism Studies Certificate of Proficiency will be beneficial to anyone needing to work with, or interact with, those who have Autism Spectrum Disorder (ASD). This would include those in supervisory positions overseeing ASD adults, educators who may have students with an ASD diagnosis in their classrooms, counselors and medical professionals, emergency services personnel, librarians and other city personnel, and anyone seeking additional information and insight.	Contact the department for information		
Student Leadership & Success Studies	Undergraduate Certificate	General Education, Certificate of Completion	24.0102	The Certificate of Completion in General Education is comprised of the courses that are required for completion of the general education requirements at Utah Valley University. The purpose of general education at UVU is a shared academic experience that provides students with the opportunity to explore new subjects, intellectual traditions, and perspectives; expands their awareness of the wider world; and prepares them with foundational knowledge, skills, and abilities that are expanded on in their disciplines of study in order to be successful learners and professionals positioned to contribute to their broader communities. When a student completes the requirements for the Certificate of Completion in General Education at UVU, the certificate is accepted at other USHE institutions as completing their General Education requirements.	1. Upon successful completion of this program students should be able to demonstrate basic Mathematic principles. | 2. Upon successful completion of this program students should be able to demonstrate basic writing skills. | 3. Upon successful completion of this program students should be able to demonstrate basic knowledge of US political system.		
Student Leadership & Success Studies	Undergraduate Certificate	Integrated College and Community Studies, Certificate of Completion	30.9999	The Certificate of Completion in Integrated College and Community Studies will prepare students with the foundational knowledge, skills, and abilities to successfully navigate independent living and employment in the community. The program will focus on the important topics of self-determination, career development and employment, academic enrichment, independent living, and campus and community engagement.	1. Students will develop personal problem solving skills to apply to personal, career, and community challenges. | 2. Students will navigate technology to support personal and career goals, gain information, and solve problems. | 3. Students will develop social and communication skills associated with success in relationships across adult contexts.		
Student Leadership & Success Studies	Undergraduate Certificate	Leadership for Personal and Social Impact, Certificate of Proficiency	52.0213	Contact the department for information	1. Identify personal strengths and ways to use them to coach self and others to increased performance. | 2. Build interdependence by investing in mutually supportive relationships, while helping others to do the same. | 3. Take personal responsibility by accepting their primary roles in determining the outcomes and experiences in their lives. | 4. Develop an increasingly inclusive mindset that leads to increased quantity and quality of contributions in the community (i.e., local, regional, national and/or international). | 5. Enhance their ability to accomplish tasks by successfully navigating varying hierarchical relationships within and across organizations.		
Student Leadership & Success Studies	Undergraduate Certificate	Personal Development for Professional Advancement, Certificate of Proficiency	32.0107	The courses in this certificate provide a flexible way for students and their advisors to choose a customized path for foundational success in college and increased employability through the theoretical and experiential learning of soft skills. Completion of this certificate can efficiently lead to the partial fulfillment of an additional certificate and associate degree.	1. Gain foundational skills that lead to increased student success in future courses and programs | 2. Engage in experiential learning opportunities that enhance the acquisition of soft skills | 3. Effectively articulate college and career readiness skills acquired during the program		

School of Education - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Student Leadership & Success Studies	Minor	Autism Studies, Minor	42.2814	The Minor in Autism Studies will be beneficial to anyone needing to work with, or interact with, those who have an Autism Spectrum Disorder (ASD). This would include those in supervisory positions overseeing ASD adults, educators who may have students with an ASD diagnosis in their classrooms, counselors and medical professionals, emergency services personnel, information and insight.	1. Understand and recognize repetitive and perseverative behaviors, characteristic language. delays,and social deficits. | 2. Behavior management tools and techniques. | 3. The autism impact on the individual, family,and community. | 4. Best practice interventions for early childhood, elementary age,and adult. Transitions through the lifespan. | 5. Practical applications of evidence based intervention. | 6. Available community resources, etc.		

School of Education - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Education	Master's Degree	Master of Education, M.Ed.	13.0301	See associated emphasis	1: Plan curriculum and design instruction to enhance student learning. | 2: Engage and support all students in learning. | 3: Assess and evaluate student learning. | 4: Demonstrate professionalism to support student learning		
Education	Emphasis	Master of Education - Educational Technology Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - Elementary Arts Integration Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. The Earned Endorsement Emphasis is for teachers who have previously earned an endorsement from the Utah State Board of Education (USBE). The following endorsements are accepted at UVU: Elementary Arts Integration, Elementary Mathematics, Elementary Science, Elementary STEM, English as a Second Language (ESL), Reading I, Gifted & Talented, and Educational Technology. Up to 12 (5000-level) credits from a recently completed endorsement may be applied toward the M.Ed. Please note - all applicable coursework from the endorsement must be completed within the three years prior to admission to the M.Ed. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest and endorsement area.	1. See Master of Education, M.Ed. | 2. Engage in research on arts instruction in elementary schools | 3. Demonstrate knowledge and skill related to arts integration in elementary schools		
Education	Emphasis	Master of Education - Elementary Mathematics Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - Elementary Science Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. The Earned Endorsement Emphasis is for teachers who have previously earned an endorsement from the Utah State Board of Education (USBE). The following endorsements are accepted at UVU: Elementary Arts Integration, Elementary Mathematics, Elementary Science, Elementary STEM, English as a Second Language (ESL), Reading I, Gifted & Talented, and Educational Technology. Up to 12 (5000-level) credits from a recently completed endorsement may be applied toward the M.Ed. Please note - all applicable coursework from the endorsement must be completed within the three years prior to admission to the M.Ed. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest and endorsement area.	1. See Master of Education, M.Ed. | 2. Engage in research related to effective Elementary Science instruction | 3. Demonstrate skill in teaching the Utah Elementary Science standards		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Education	Emphasis	Master of Education - Elementary STEM Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - English as a Second Language Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - Gifted and Talented Education Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - Reading I Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Emphasis	Master of Education - Secondary Teaching Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education. Students taking the M.Ed. in Secondary Teaching will first complete the Secondary Teaching Graduate Certificate.	See Master of Education, M.Ed.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Education	Emphasis	Master of Education - Teacher Leadership Emphasis, M.Ed.	13.0301	The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.	See Master of Education, M.Ed.		
Education	Master's Degree	Master of Education in Applied Behavior Analysis, M.Ed.	42.2814	The ABA Graduate program will qualify students to meet the requirements necessary to apply for the Board Certified Behavior Analyst (BCBA) examination. This program includes all required ABA specific coursework and supervised practicum hours.	1. Address problem behavior with functional assessment and behavior support planning that meets best practice standards in applied behavior analysis. | 2. Develop a comprehensive treatment plan that meets best practice standards in Applied Behavior Analysis. | 3. Identify appropriate forms of measurement and data display to make informed clinical decisions. | 4. Develop training and performance monitoring for staff and other stakeholders. | 5. Demonstrate ethical conduct in their professional practice.	Board Certified Behavior Analyst® (BCBA®)	
Education	Master's Degree	Master of Education in Higher Education Leadership, M.Ed.	13.0406	The Master of Education Degree (M.Ed.) in Higher Education Leadership at Utah Valley University is an applied master's program aimed at building the administrative and leadership skills and professional competency of entry and middle level administrators in institutions of higher education. The M.Ed. program emphasizes coursework that prepares individuals to become leaders in policy, operations and strategic decision making needed to support the many aspects of higher education institutions.	1. Evaluate performance of academic programs, institutional services, and overall university mission fulfillment. | 2. Assess principles of strategic resource allocation for both operations and capital facilities at the institutional level. | 3. Construct contextual institutional maps related to notions of diversity, inclusion, exclusion, and discrimination. | 4. Implement best practice regarding the interaction between law, policy, and ethics in the higher education context. | 5. Create meaningful connections between student development and retention theories, research, and practice.		
Education	Master's Degree	Master of Education in K-12 Education Leadership, M.Ed.	13.0401	Contact the department for information	1. Students will develop competency in the development, articulation, implementation, and stewardship of a shared vision for education. | 2. Students will develop competency in supporting teaching and learning by facilitating coherent systems of curriculum, instruction, and assessment. | 3. Students will develop competency in managing school operations and resources. | 4. Students will develop competency in engaging families and the community in order to create an inclusive, caring, safe, and supportive school environment. | 5. Students will develop competency in acting ethically and professionally in leadership, and honoring the heritage and background of each student, promoting the equity of educational opportunity for all students. | 6. Students will develop competency to act as agents of continuous improvement and foster a professional community of teachers and staff to promote each student's academic success and well-being.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Education	Master's Degree	Master of Education in School Counseling, M.Ed.	13.1101	The Master of Education in School Counseling (MEdSC) program in the UVU School of Education prepares individuals to provide school counseling services in grades P-12 in public and private schools, as well as work in related fields at universities or colleges. The curriculum is aligned to the learning standards required for licensure by the Utah State Board of Education including Professional Counseling Orientation and Ethical Practice, Social and Cultural Diversity, Human Growth and Development, Career Development, Counseling and Helping Relationships, Group Counseling and Group Work, Assessment and Testing, and Research and Program Evaluation.	Contact the department for information	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)

School of Education - Graduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Education	Graduate Certificate	Applied Behavior Analysis, Graduate Certificate	13.0301	Contact the department for information	1. Develop effective individual treatment plans | 2. Ethical conduct in professional practice | 3. Accurately assess behavioral issues in clients | 4. Pass BCBA certification exam	Board Certified Behavior Analyst® (BCBA®)	
Education	Graduate Certificate	Educational Leadership, Graduate Certificate	13.0301	Contact the department for information	1. Demonstrate competency in the development, articulation, implementation, and stewardship of a shared vision for education. | 2. Demonstrate competency in supporting teaching and learning by facilitating coherent systems of curriculum, instruction, and assessment. | 3. Demonstrate competency in managing school operations and resources. | 4. Demonstrate competency in engaging families and the community in order to create an inclusive, caring, safe, and supportive school environment. | 5. Demonstrate competency in acting ethically and professionally in leadership, and honoring the heritage and background of each student, promoting the equity of educational opportunity for all students. | 6. Demonstrate competency to act as agents of continuous improvement and foster a professional community of teachers and staff to promote each student's academic success and well-being.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Education	Graduate Certificate	Secondary Teaching, Graduate Certificate	13.0301	Contact the department for information	Contact the department for information	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)


Smith College of Engineering and Technology
UTAH VALLEY
UVU
UNIVERSITY

Smith College of Engineering and Technology - Diplomas							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Construction Technologies	Diploma	Cabinetry and Architectural Woodwork, Diploma	48.0703	Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.	1. Possess a working knowledge of Cabinetmaking Standards as set forth by Architectural Woodwork Institute (AWI). | 2. Possess the skills and trade knowledge necessary to be productive in the cabinet making industry. | 3. Possess good computational and reasoning skills.		
Transportation Technologies	Diploma	Automotive Technology, Diploma	47.0604	Contact the department for information	Contact the department for information		
Transportation Technologies	Diploma	Diesel Mechanics Technology, Diploma	47.0605	Contact the department for information	Contact the department for information		

Smith College of Engineering and Technology - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Architecture and Engineering Design	Associate Degree	Engineering Design Technology, A.A.S.	15.1301	The Associate in Applied Science Degree is a "job ready" degree and applies the technical and functional elements of several Drafting and Design fields. Students will take courses in the fundamentals of drafting and design, industry standard two-dimensional and three-dimensional software, Architectural Design, Civil Design and Surveying, Electrical Design, Mechanical Design, and Structural Steel Detailing and Design. Students will take other supporting classes and advanced courses in a minimum of two specialty areas of their choosing.	1. Demonstrate knowledge of structural steel design and the AISC Standards | 2. Demonstrate knowledge of mechanical design and engineering reference materials (Machinery's Handbook) | 3. Demonstrate knowledge of architectural design, building codes, and construction methods and materials | 4. Demonstrate knowledge of electrical design and the basic concepts of electricity and electronics | 5. Demonstrate knowledge of civil design and related construction methods and materials | 6. Demonstrate knowledge of surveying, surveying equipment, technology, and procedures | 7. Demonstrate knowledge of algebra, trigonometry, plane and solid geometry, statics, and strength of materials | 8. Combine cross disciplinary knowledge to solve predictable and unpredictable engineering design problems while utilizing the latest technologies available | 9. Create quality, industry level design drawings for the various design disciplines | 10. Use industry standard design software when producing design drawings | 11. Cultivate an elevated commitment to work ethic, quality, productivity, and service		
Architecture and Engineering Design	Associate Degree	Engineering Design Technology, A.S.	15.1301	The Associate in Science Degree is a transferable degree and applies the technical and functional elements of several Drafting and Design fields without taking the advanced course work required in the Associate in Applied Science Degree. Students will take fundamental courses in drafting and design, industry standard two-dimensional and three-dimensional software, Architectural Design, Civil Design and Surveying, Electrical Design, Mechanical Design, and Structural Steel Detailing and Design.	1. Graduates will be proficient in 5 major industrial areas of design and drafting. | 2. Graduates will be conversant in the subject matter of all drafting disciplines at a 75% or higher level as demonstrated by oral presentation and display of samples of work completed while in the EGDT program		
Architecture and Engineering Design	Associate Degree	Surveying and Mapping, A.S.	15.1102	Contact the department for information	1. Demonstrated critical thinking ability in performing surveying, mapping, or civil design duties and responsibilities at a professionally competent level and to communicate technical information effectively in a professional team environment. | 2. Exercised prudent ethical judgement in professional decisions while protecting the land rights, title, and interest of the public. | 3. Advanced professionally by being given more responsibilities; or have successfully completed a graduate level degree. | 4. Demonstrated professional development through continuing education or earning certifications or professional licensure. | 5. Served in their professional organizations and/or local communities.		
Architecture and Engineering Design	Associate Degree	Surveying Technology, A.A.S.	15.1102	The AAS in Surveying Technology meets the educational component for licensure as a Professional Land Surveyor (PLS) in the State of Utah according to the State of Utah Office of Administrative Rules 156-22-302(c)(1). This degree prepares students for immediate employment beyond entry level work in surveying or civil engineering firms. Students will be prepared to perform many of the various field and office tasks related to surveying including site and topographic surveys, boundary investigation and research, map-making, various survey adjustment calculations, writing of legal property descriptions, and other survey technician duties and responsibilities.	1. Implement the principles and practices of the professional Land Surveyor. | 2. Integrate the professionals' role and responsibilities of protecting the land rights, title, and interest of the public. | 3. Perform all common land surveys using professionally acceptable metrology and geodesy principles and practices. | 4. Create maps using professionally acceptable drafting, design, and cartographic principles and practices. | 5. Develop prudent ethical judgement and critical thinking skills in making professional decisions.	Professional Land Surveyor	
Aviation Science	Associate Degree	Aviation Science, A.A.S.	49.0102	The Applied Associates of Science in Professional Pilot prepares students to enter the workforce as a commercial pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.	1. Demonstrate knowledge of FAA written exam material with score of 80% or above. | 2. Students will satisfactory demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards. | 3. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors. | 4. Students will self-critique ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions. | 5. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.	Private Pilot Certificate, Instrument Rating, Commercial Pilot Certificate, & Multi Engine Rating	
Aviation Science	Associate Degree	Aviation Science, A.S.	49.0102	The A.S. degree is designed to prepare the student with all the ratings necessary to be qualified for entry-level jobs in the aviation field. Obtaining an associate degree helps the graduate prepare for a diversity of job-related responsibilities and prepares students to enter directly into the B.S. degree.	1. Demonstrate knowledge of FAA written exam material with score of 80% or above | 2. Students will satisfactory demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards. | 3. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors. | 4. Students will self-critique ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions. | 5. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.	Private Pilot Certificate, Instrument Rating, Commercial Pilot Certificate, & Multi Engine Rating	
Culinary Arts Institute	Associate Degree	Culinary Arts, A.A.S.	12.0503	Contact the department for information	Contact the department for information	Certified Culinarian Certification (CC)	American Culinary Federation Educational Foundation (ACFEF)
Computer Science	Associate Degree	Computer Science, A.A.S.	11.0701	See associated emphasis	See associated emphasis		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Computer Science	Emphasis	Computer Science - Computer Engineering Emphasis, A.A.S.	11.0701	The program introduces the student to a wide range of computer systems hardware, software, device drivers and peripheral devices.	1. Graduates are proficient in using data structures and algorithms. | 2. Graduates understand the foundations of computer architecture | 3. Graduates will have the ability to apply knowledge of mathematics, science, and engineering | 4. Graduates will have the ability to design and conduct experiments, as well as to analyze and interpret data | 5. Graduates will have the ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety manufacturability and sustainability | 6. Graduates will have the ability to function on multidisciplinary teams | 7. Graduates will have the ability to identify, formulate, and solve engineering problems | 8. Graduates will have an understanding of professional and ethical responsibility | 9. Graduates will have the ability to communicate effectively | 10. Graduates will have the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context. | 11. Graduates will have recognition of the need for, and an ability to engage in life-long learning. | 12. Graduates will have knowledge of contemporary issues as they relate to computer engineering practice		
Computer Science	Emphasis	Computer Science - Computing and Networking Sciences Emphasis, A.A.S.	11.0701	The program introduces the student to a wide range of networking and data communications technologies and entry level programming.	1. Graduates are proficient in using data structures and algorithms. | 2. Graduates understand the foundations of computer architecture. | 3. Graduates are able to develop solutions to significant computing problems. | 4. Graduates will have a thorough understanding of the theory and constructs of programming languages. | 5. Graduates understand the theoretical foundations of computation. | 6. Graduates understand the principles and components of operating systems. | 7. Graduates have proficiency in the mathematical skills needed in computer science (viz. discrete mathematics, basic probability and statistics, basic differential and integral calculus) | 8. Students understand the fundamentals of net-centric computing		
Computer Science	Associate Degree	Computer Science, A.S.	11.0701	The CS Associate degree is a transfer degree used when a student is contemplating changing schools. Because it includes all general education classes, attempting to earn this degree four semesters will necessarily lengthen the time to earn a BS degree.	1. Analyze a simple computing problem and to apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a simple computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of contexts. | 4. Apply computer science theory and software development fundamentals to produce computing-based solutions.		
Construction Technologies	Associate Degree	Cabinetry and Architectural Woodwork, A.A.S.	48.0703	Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.	1. Graduates of this program will be able to design, plan, and execute a complex woodworking project | 2. Graduates will be able to obtain employment (employer or self) in the industry | 3. Graduates of this program will be accepted into a related bachelor degree program or advanced trade program		
Construction Technologies	Associate Degree	Cabinetry and Architectural Woodwork, A.S.	48.0703	Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.	1. Graduates of this program will be able to design, plan, and execute a complex woodworking project | 2. Graduates will be able to obtain employment (employer or self) in the industry | 3. Graduates of this program will be accepted into a related bachelor degree program or advanced trade program		
Construction Technologies	Associate Degree	Construction Management, A.A.S.	52.2001	Students may earn an Associate in Applied Science degree. The Clyde Institute of Construction Management Program has been designed to provide students a strong foundation in Construction Management that prepares them for jobs in construction site supervision and/or for advancement on to a BS degree in Construction Management. The program provides courses in building construction, construction management and construction science that apply to all segments of the construction industry with an emphasis on heavy civil and commercial construction. Students will learn about construction materials and methods through the use of readings, 3-D models, hands-on laboratory exercises, and site visits. Construction management courses in estimating and scheduling are also provided along with a strong background in mathematics, computer technology, business and other general education subjects. A supervisory course is also required so students can learn to manage workers at construction sites.	1. Recognition of the need for health and safety, accident prevention, and regulatory compliance. | 2. An understanding of materials, labor and methods of construction. | 3. An ability to identify and analyze project delivery methods. | 4. An ability to use and apply verbal and written business and communication skills.	Occupational Safety and Health Administration (OSHA) 30-hour Certificate Card	
Construction Technologies	Associate Degree	Facilities Management, A.A.S.	46.0401	The Facilities Management associate's degree is designed to prepare graduates to manage physical facilities such as resorts, health care centers, government facilities, recreational complexes, schools, industrial plants, and apartment buildings. This requires a thorough understanding on construction concepts such as estimating and bidding, scheduling, building codes, materials and assembly methods, and contracts - along with the management skills to operate and maintain the facility. Two degree options are available: an Associate in Applied Science degree and a Bachelor of Science Degree in Technology Management.	1. Graduates of this program will be employed in a facilities management related field. | 2. Graduates of this program will be accepted into an industry recognized advanced program of bachelor degree program.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Digital Media	Associate Degree	Digital Audio, A.A.S.	10.0203	The UVU AAS in Digital Audio is a powerful gateway into the fascinating world of album recording and mixing, location and post-production sound for film and video, audio restoration and forensics, live sound, radio production, gaming, and audio hardware and software design. Students will use industry-leading equipment including SSL, Audient, AVID ProTools, Universal Audio, Neumann, Waves, Tube Tech, AKG, and many others. By graduation, each student will have produced and engineered numerous music, ADR, Foley, and sound effects sessions, including professional-level mixes; will have their choice of many other areas of audio expertise; and will be professional employment-ready.	1. Calculate answers to practical audio math problems using formulas and principles of physics. | 2. Choose and place microphones correctly for a broad range of recording applications. | 3. Route electronic connections for proper signal flow to maximize clean audio and eliminate noise. | 4. Connect audio components correctly, accounting for level, impedance, and format. | 5. Route signal paths in the digital domain to properly insert digital signal processors. | 6. Set parameters on compression and EQ processing competently. | 7. Implement level and pan settings for effective audio mixing and outputs.		
Digital Media	Associate Degree	Digital Cinema Production, A.A.S.	50.0602	Digital cinema is the design, development, and delivery of digital cinema content through the process of pre-production, production, and post-production. The curriculum integrates digital cinema mediums to entertain, educate, and communicate ideas and information. This program provides motivated and dedicated students the opportunity to work with professionally active faculty members committed to the future of digital disciplines. The Associate of Applied Science in Digital Cinema will provide students with employable skills and a pathway to further education.	1. Write a Project Needs Analysis for a documentary or corporate production. | 2. Participate in a production team to produce a short documentary or training film. | 3. Tag a short narrative script. | 4. Edit, polish and color grade a short documentary/NLE film using NLE keystrokes. | 5. Identify the classic sequential structure of a feature film script.6) | 6. Identify what produces tension in a scene. | 7. Identify a set up and payoff in a script. | 8. Prepare camera assets with a one lite color grade for AVID & Premiere editorial. | 9. Photograph still shots using high contrast lighting and golden section composition that tell a story. | 10. Shoot a sequence of outdoor motion shots using magic hour lighting and golden section composition that tell a story. | 11. Shoot a sequence of studio motion shots using hard light and golden section composition that tell a story. | 12. Set up a circuit from power source using distribution boxes to lamp head and make the lamp head work. 13) Set up C-Stand and folding stand safely with predetermined load. 14) Identify range of lighting and grip stands. 15) Identify the seven qualities of light. 16) Calculate the load on a circuit with given light fixture or fixtures.		
Digital Media	Associate Degree	Digital Communication Technology, A.A.S.	11.0801	Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.	1. Demonstrate a strong familiarity and proficiency with professional software for video editing, audio production and editing, basic animation, and web development. | 2. Demonstrate understanding and competency with the production pipeline of at least two of the following: Digital Cinema Production, Digital Audio Production, Web & App Development, and Animation. | 3. Demonstrate mastery over media file formats, conversion protocols, and storage frameworks. | 4. Use critical thinking skills to solve industry-related problems on real world projects and in collaboration with other students. | 5. Carry out applied learning activities focused on the production and post production process for digital media productions.		
Digital Media	Associate Degree	Web Design and Development, A.A.S.	11.1004	Web design and development fuses together the design, development, and delivery of rich media content through the medium of the internet to hand held mobile devices as well as desktop computers. The curriculum integrates these digital mediums to entertain, educate, and communicate ideas and information through meaningful human interaction. This program provides motivated and dedicated students the opportunity to work with professionally active faculty members committed to the future of digital disciplines. The Associate of Applied Science in Web Design and Development will provide students with employable skills and a pathway to further education.	1. Markup a website using semantically appropriate HTML5 tags. | 2. Use media queries and mobile first design to create responsive page templates. | 3. Build single page web and mobile applications using JavaScript. | 4. Implement user experience design strategies to build applications and web sites that lead to a call to action. | 5. Design simple and understandable user interfaces and interactions for desktop, mobile, and web. | 6. Design and build digital video, audio, photographic, and textual assets. | 7. Demonstrate the ability to be a contributing member of a team.		
Engineering	Associate Degree	Associate in Pre-Engineering, A.P.E.	14.0102	See associated emphasis	See associated emphasis		
Engineering	Emphasis	Associate in Pre-Engineering - Biological and Chemical Engineering Emphasis, A.P.E.	14.0102	The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.	1. Ability to apply knowledge of mathematics, science, and engineering		
Engineering	Emphasis	Associate in Pre-Engineering - Civil and Mechanical Engineering Emphasis, A.P.E.	14.0102	The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.	1. Ability to apply knowledge of mathematics, science, and engineering. | 2. Know the basic knowledge and fundamental principles of engineering. | 3. Be able to apply these principles to solving various engineering problems. | 4. Value mathematics, science, and their application in engineering design.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Engineering	Emphasis	Associate in Pre-Engineering - Computer and Electrical Engineering Emphasis, A.P.E.	14.0102	The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.	1. Ability to apply knowledge of mathematics, science, and engineering.		
Engineering	Associate Degree	Pre-Engineering, A.S.	14.0102	The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.	1. An ability to apply knowledge of mathematics, science, and engineering. | 2. An ability to design and conduct experiments, as well as to analyze and interpret data. | 3. An ability to design a system, component, or process to meet desired needs within realistic constraints | 4. An ability to function on multidisciplinary teams. | 5. An ability to identify, formulate, and solve engineering problems. | 6. An understanding of professional and ethical responsibility. | 7. An ability to communicate effectively. | 8. A recognition of the need for, and an ability to engage in life-long learning. | 9. A knowledge of contemporary issues. | 10. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.		
Engineering Technology	Associate Degree	Automation and Electrical Technology, A.A.S.	15.0405	Prepares graduates to troubleshoot, wire, repair, adapt, maintain, integrate, install, analyze, and program industrial automated equipment and electrical systems in automated manufacturing and other industries. Focuses heavily on troubleshooting, motor controls and drives, industrial electronics, sensors, programmable logic controllers (PLCs) and integration of industrial internet of things (IIOT) from the plant floor to the human machine interface (HMI). Teaches single and three phase electrical systems in conjunction with industrial automation and intelligent electronic devices found in both industrial automation and electrical power. Numerous career path options are available for graduates.	1. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to safely solve well-defined problems related to electrical and automation systems. | 2. Apply solutions for well-defined technical problems and assist with the engineering design, integration, repair, testing, troubleshooting, and installation of systems, components, or processes related to electrical and automation systems | 3. Apply written, oral, and graphical communication in well-defined technical and non-technical environments | 4. Identify and use appropriate technical literature to solve problems, integrate, and troubleshoot electrical automation systems | 5. Safely conduct standard tests, measurements, and experiments and analyze and interpret the results | 6. Function effectively as a member of a technical team.		
Engineering Technology	Associate Degree	Automation and Electrical Technology, A.S.	15.0405	The EART program prepares Electrical Automation Technicians to troubleshoot, wire, repair, adapt, maintain, program (PLC's & PAC's), and control large automated electrical systems found in Industrial and Manufacturing Industries worldwide. The EART Technician will work with DC & AC motor controlled machines; Programmable Logic Controlled (PLC's) and Programmable Automation Controlled (PAC's) machines, systems, and devices; Hydraulic and pneumatic controlled machines; conveyor, fluid, and bulk storage systems; flex, soft start, and variable frequency drives; Robots; servo, and stepper motors. Because of their highly skilled hands on training the EART student is in high demand from many industries.	1. EART Students will be able to troubleshoot, install, program and maintain equipment used in an automated process.		
Engineering Technology	Associate Degree	Mechatronics Engineering Technology, A.A.S.	14.4201	The Mechatronics Engineering Technology Degree from Utah Valley University prepares graduates to work in the Utah manufacturing sector as an automation technologist, design technician, PLC programmer, as well as many other aspects of implementing manufacturing systems. Students complete courses in PLC programming and architecture, materials, CAD, electrical and mechanical components, pneumatics, and motor control. Students will also take courses in technical writing, physics, chemistry, and business to round out their professional profile.	1. Design a machine | 2. Create logic to control the machine | 3. Electrically actuate the machine		
Information Systems and Technology	Associate Degree	Administrative Information Management, A.S.	52.0407	The two-year pre-major AS in Administrative Information Management program provides training for students seeking to complete general education requirements and develop their skills and knowledge in basic computer applications, written business communication, and financial accounting. Graduates of this program obtain temporary employment and pursue a Bachelor's degree for more advanced training in Information Management.	1. An ability to explain information and project management concepts in written and verbal forms | 2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry | 3. ability to analyze problems and use appropriate skills and technology to reach solutions		
Information Systems and Technology	Associate Degree	Administrative Information Support, A.A.S.	52.0401	Every industry relies heavily on competent, qualified, and professional office staff. The two-year AAS in Administrative Information Support program provides training for students seeking to develop their skills and knowledge of office administration and office systems. The program core focuses on word processing, presentations, graphics, spreadsheet, and database applications, as well as written and oral business communication skills, office procedures, and basic accounting skills.	1. An ability to explain information and project management concepts in written and verbal forms. | 2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry. | 3. A global perspective on legal and ethical issues surrounding information management and technology. | 4. An ability to analyze problems and use appropriate skills and technology to reach solutions.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Information Systems and Technology	Associate Degree	Information Systems and Technology, A.A.S.	11.0101	The two-year AAS in Information Systems and Technology is designed to help students develop job-ready computer skills to meet today's industry needs. Students complete a foundational core in programming, database, web application design, data communication, and networking. After that, students select a specialization in either Information Systems or Information Technology to complete a focused set of courses to obtain more in-depth knowledge and skills for a variety of computer-related jobs. If planned carefully with an advisor, this program provides a smooth, stackable pathway to the B.S. in Information Systems degree or the B.S. in Information Technology degree at UVU.	Contact the department for information		
Information Systems and Technology	Associate Degree	Information Systems and Technology, A.S.	11.0101	The two-year pre-major AS in Information Systems and Technology program provides training for students seeking to complete general education requirements and develop foundational skills in programming, database, web application design, system administration, computer architecture, data communication, and security. Graduates of this program obtain temporary employment and pursue a Bachelor of Science in Information Systems or Information Technology for more advanced education.	Contact the department for information		
Technology Management	Associate Degree	Technology, A.A.S.	52.0216	The Associate in Applied Science (AAS) in Technology is designed for individuals seeking to work in a technical area or who have considerable work experience seeking better upward mobility in their professions. Students can receive up to 15 credit hours for extensive work experience, certifications, licenses, or apprenticeships. Additionally, students who earn certifications in many 900+ hour technical programs offered throughout the Utah Technical College system can transfer in their certificate and receive up to 30 hours of academic credit, or almost half the credit required to graduate from the AAS. Students in the AAS pathway will build on their technical education and experience by completing core and elective course options, including experiential portfolio, business computer proficiency, and supervision.	1. Explain technical cross-functional teams. | 2. Explain complex systems and processes. | 3. Apply current and emerging technologies to problem solve and support innovation. | 4. Compare business concepts and data to effect change. | 5. Demonstrate professional verbal and written communication skills.		
Transportation Technologies	Associate Degree	Automotive Power Sports, A.A.S.	47.0606	The AAS in Automotive Power Sports is designed to train technicians in the field of maintenance and repair of personal transportation craft and multi person transportation vehicles that are currently outside the realm of automotive. The degree includes: on road alternative vehicles (side by sides), personal watercraft, All Terrain Vehicle (ATV) and Utility Terrain Vehicle (UTV), snow machines, lawn and garden systems, and motorcycle technology. Graduates will gain an in-depth understanding of alternative transportation vehicles utilizing hands-on, performance based training. A sales and service business skills course will also aid students to acclimate from school training to a live repair facility. Students will receive training in four-stroke and two-stroke engines, continuous variable transmissions (CVT), suspension and braking systems, composite repairs, and small engine electronic systems.	1. Identify/diagnose/repair electrical and electronic systems | 2. Identify/diagnose/repair 2 and 4 stroke engine mechanical systems | 3. Identify/diagnose/repair nonstructural and structural components | 4. Identify/diagnose/repair clutching and drive train systems | 5. Identify/diagnose/repair cooling/heating systems | 6. Identify/diagnose/repair steering suspension and brake systems | 7. Identify/diagnose/repair varied fuel delivery systems	Automotive Service Excellence (ASE) Certification, I-CAR Certification	
Transportation Technologies	Associate Degree	Automotive Technology, A.A.S.	47.0604	Contact the department for information	1. Students will be able to demonstrate and discuss what effect wide band O2 sensors have on vehicle emissions and drivability, and how PCM input and output is interpreted.	Automotive Service Excellence (ASE) Certification, I-CAR Certification	
Transportation Technologies	Associate Degree	Automotive Technology, A.S.	47.0604	Contact the department for information	Contact the department for information	Automotive Service Excellence (ASE) Certification, I-CAR Certification	
Transportation Technologies	Associate Degree	Collision Repair Technology, A.A.S.	47.0603	Collision Repair Technology is a two year AAS Degree program that provides students with the ability to learn industries best practices in Surface Preparation, Nonstructural Repair, Welding, Refinishing, Color Matching, Detailing, Blending, Structural Damage Analysis, Repair and Replacement, Advanced Vehicle Systems diagnostics and repair and Plastic/Composite Repair. Students will graduate with industry certifications, such as I-Car, ASE, Mitchells, Audatex, CCC One, and Chief Training. These skills will prepare graduates for and exciting career in a field that is continually advancing in technology. There is an abundance of growth and personal development possible in this field. The program is certified by the National Automotive Teacher Education Foundation (NATEF) and uses Inter-Industry Conference on Auto Collision Repair (I-CAR) curriculum. Students will receive the latest repair technique training and have the ability to gain I-CAR certifications. Jobs are waiting for you to complete your training!	1. Identify, diagnose, and repair electrical systems. 2. Identify, diagnose, and repair nonstructural and structural damage. 3. Identify, diagnose, and repair paint refinish defects/damage. 4. Identify, diagnose, and repair HVAC system damage. 5. Identify, diagnose, and repair drivetrain damage. 6. Identify, diagnose, and repair safety and restraint systems. 7. Develop and display industry communication skills.		
Transportation Technologies	Associate Degree	Diesel Mechanics Technology, A.A.S.	47.0605	One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.	1. Identify, diagnose, and repair electrical and electronic computer systems. | 2. Identify, diagnose, and repair diesel engine mechanical systems. | 3. Identify, diagnose, and repair drivetrain & chassis systems. | 4. Identify, diagnose, and repair steering suspension & brake systems. | 5. Identify, diagnose, and repair heating and cooling systems. | 6. Identify, diagnose, and repair hydraulic/hydrostatic systems. | 7. Identify, diagnose, and repair fuel delivery systems. | 8. Display industry based communication skills.	Automotive Service Excellence (ASE) Certification, I-CAR Certification	

Smith College of Engineering and Technology - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Architecture and Engineering Design	Bachelor's Degree	Architecture, B.Arch	4.0201	The Bachelor of Architecture (B.Arch) is a five-year professional degree that prepares students for leadership in the profession of architecture and urban design. The program promotes a built environment that bolsters genuine communities through architecture that is durable, useful, beautiful, and human-scaled. Designed to meet the National Architectural Accreditation Board (NAAB) requirements, the degree is rooted in classical and traditional architecture with a holistic foundation in the craft of building, building technology, practice-based coursework, plan and document generation, building codes, specifications, digital parametric modeling, building information modeling, architectural visualization, digital fabrication, building envelope systems, structural systems, and sustainability. The program is structured as a two-plus-three stackable credential, awarding an Associate of Science in Engineering Design Technology (Architectural Design & Drafting Track) after the first two years and a comprehensive professional B.Arch degree for the final three years. This allows students who do not wish to pursue licensure a two-year path into the profession. In their final three years, students engage in coursework which readies them to become licensed, practicing architects, projects managers, principals, owners, and community leaders in the profession. Students learn to design buildings in a historical and cultural context through coursework in history, theory, culture, and community service. Concurrently, students engage in arts and science courses to expand critical thinking and understand current design and building technologies, making them ideal employees in architecture offices and related design & construction industries including civil, mechanical, and electrical engineering. Students acquire leadership skills through courses in professional practice, ethics, and architectural registration exam preparation. A total of at least 153 hours of coursework is required for the Bachelor of Architecture (B.Arch).	1. ARCHITECTURAL SOLUTIONS: Demonstrate the ability to integrate design solutions and utilize appropriate building materials, building systems, and sound construction practices. | 2. BUILDING SYSTEMS KNOWLEDGE: Incorporate a wide range of technical skills and professional architectural knowledge during schematic design to demonstrate a comprehensive application of life safety, accessibility, and sustainability issues in making sound design decisions across varying scales and levels of complexity. | 3. GRAPHIC DESIGN AND REPRESENTATION: Contrive of multifaceted two and three-dimensional graphic representation techniques using a wide variety of both traditional and digital methods, to describe the architectural design. | 4. BUILDING DESIGN PRINCIPLES: The knowledge and the know how to apply design decisions through appropriate technical documentation to serve client's needs, create a pleasing aesthetic, create cost effective solutions, and become responsible stewards of the environment. | 5. ARCHITECTURAL SOLUTIONS: Demonstrate the ability to integrate design solutions and utilize appropriate building materials, building systems, and sound construction practices. | 6. PRACTICE OF ARCHITECTURE: Collaborate and lead teams of stakeholders throughout the design process. | 7. Conceive, develop, and implement solutions to a wide range of design problems in the physical built environment. | 8. Understand the ethics, legal requirements, financial and social responsibilities of professional practice.	Professional Architect	National Architectural Accrediting Board (NAAB)
Architecture and Engineering Design	Bachelor's Degree	Surveying and Mapping, B.S.	15.1102	Contact the department for information	1. Demonstrated critical thinking ability in performing surveying, mapping, or civil design duties and responsibilities at a professionally competent level and to communicate technical information effectively in a professional team environment. | 2. Exercised prudent ethical judgement in professional decisions while protecting the land rights, title, and interest of the public. | 3. Advanced professionally by being given more responsibilities; or have successfully completed a graduate level degree. | 4. Demonstrated professional development through continuing education or earning certifications or professional licensure. | 5. Served in their professional organizations and/or local communities.	Professional Land Surveyor	Accreditation Board for Engineering and Technology, Inc. (ABET)
Aviation Science	Bachelor's Degree	Aerospace Technology Management, B.S.	15.0801	The BS in Aerospace Technology Management from Utah Valley University is designed to prepare graduates for various technical aerospace professional roles across a products life cycle. Skills associated with air and space vehicle sustainability systems and risk management, customer management, project management, aftermarket services, business development, manufacturing and inspection processes, safety management systems, and process improvement will be learned and applied. The program will provide a completion degree for students who possess the Airframe and Powerplant ratings of an FAA issued Aircraft Maintenance Technician Certificate under the rules defined by FAR Part 65 or possess a license as an Aircraft Maintenance Engineer (Cat B1) issued under EASA Part 66 regulations.	1. Evaluate current market conditions, customer requirements, and aerospace vehicle support requirements, and demonstrate the knowledge, skills, and procedures to successfully design an effective aerospace support organization in a simulated aerospace operations setting. | 2. Identify in a teams setting a current issue and propose a viable solution through a formal report and presentation that will be associated with topics involving aerospace vehicles (or component) certification standards, regulatory requirements, maintenance planning, safety management, and training within one of the aerospace sectors. | 3. Synthesize acquired knowledge, judgment, and expertise in an operational setting.		
Aviation Science	Bachelor's Degree	Aviation Management, B.S.	49.0104	This degree is designed to develop practical leadership skills for a variety of careers in the aviation industry. Courses are based on real world aviation needs and are developed through ties with industry experts. The curriculum will prepare students with a broad range of knowledge and skills, including airline and airport management, aviation security and safety, marketing, aviation finance, human resources, and many others.	1. Evaluate current market conditions and demonstrate the knowledge, skills, and procedures to successfully manage aerospace operations in a simulated aviation business setting. | 2. In a team setting, students will create a viable business plan that includes business overview, market analysis, sales and marketing plan, ownership and management plan, operating and financial plan. | 3. Synthesize acquired knowledge, judgment, and expertise in a business setting.		
Aviation Science	Bachelor's Degree	Professional Pilot, B.S.	49.0102	The Bachelor of Science in Professional Pilot prepares students to enter the work force as a certified flight instructor and commercial, multi-engine rated pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements with a regional airline. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.	1. Students will satisfactory demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards. | 2. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors. | 3. Students will self-critique their ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions. | 4. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology. | 5. Students will demonstrate self-directed learning to complete a professional industry certification, training course or an approved internship program.	Private Pilot Certificate, Instrument Rating, Commercial Pilot Certificate, & Multi Engine Rating	

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Computer Science	Bachelor's Degree	Computational Data Science, B.S.	30.7001	The Computational Data Science Degree develops strong interdisciplinary skills in mathematics, statistics, computer science and big data processing. Create algorithms, write code and scripts to solve problems beyond the basic use of existing tools in support of an industrial, enterprise-level big data pipeline. The mix of competencies and experiences required for Data Science differs significantly from those developed in the individual degree programs in the four areas mentioned above. Gain real-world experience as a springboard to working in industry as a Data Scientist or to pursue a graduate degree.	1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of professional contexts. | 4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. | 5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. | 6. Apply theory, techniques, and tools throughout the data analysis lifecycle and employ the resulting knowledge to satisfy stakeholders' needs.		
Computer Science	Bachelor's Degree	Computer Science, B.S.	11.0701	See associated emphasis	1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of professional contexts. | 4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. | 5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. | 6. Apply computer science theory and software development fundamentals to produce computing-based solutions.		Accreditation Board for Engineering and Technology, Inc. (ABET)
Computer Science	Emphasis	Computer Science - Computer Science Emphasis, B.S.	11.0701	Computer Science spans the range from theory through programming to cutting-edge development of computing solutions. Computer Scientists master the theory and practice of computing, and explore new and exciting ways to use computers. Systems like Google and Amazon are created by computer scientists.	1. Graduates are proficient in using data structures and algorithms. | 2. Graduates understand the foundations of computer architecture. | 3. Graduates are able to develop solutions to significant computing problems. | 4. Graduates will have a thorough understanding of the theory and constructs of programming languages | 5. Graduates understand the theoretical foundations of computation | 6. Graduates understand the principles and components of operating systems. | 7. Graduates have proficiency in the mathematical skills needed in computer science (viz. discrete mathematics, basic probability and statistics, basic differential and integral calculus) | 8. Students understand the fundamentals of net-centric computing		Accreditation Board for Engineering and Technology, Inc. (ABET)
Computer Science	Emphasis	Computer Science - Full Stack Web Development Emphasis, B.S.	11.0701	Computer Science spans the range from theory through programming to cutting-edge development of computing solutions. Computer Scientists master the theory and practice of computing, and explore new and exciting ways to use computers. Systems like Google and Amazon are created by computer scientists.	1. Design the architecture of full stack web systems. | 2. Develop full stack web applications that provide web services and consume web services. | 3. Develop web infrastructure for building web systems. | 4. Design data systems that support the special needs of web applications.		Accreditation Board for Engineering and Technology, Inc. (ABET)
Computer Science	Emphasis	Computer Science - Secure Computing Emphasis, B.S.	11.0701	The Bachelor of Science in Computer Science with Secure Computing emphasis is a degree to provide a solid foundation in secure computing and develop advanced skills to master the technical details to develop complex systems securely. It consists mainly of 36 credit hours of security-focused classes, 30 core computer science classes, plus several additional computer sciences elective courses to have the greatest practical applicability. The degree will highly qualify students to meet the high-demand workforce in the security domain.	1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of professional contexts. | 4. Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles. | 5. Function effectively as a ember or leader of a team engaged in activities appropriate to the program's discipline. | 6. Apply security principles and practices to maintain operations in the presence of risks and threats.		Accreditation Board for Engineering and Technology, Inc. (ABET)
Computer Science	Bachelor's Degree	Computer Science Education, B.S.	13.1321	The Bachelor of Science in Computer Science Education provides a solid foundation of software and web development skills specifically for secondary educators. It consists of computer science and web development classes as well as education courses necessary to obtain a Utah teaching license with endorsements in Computer Science and Web Development.	1. Apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a set of computing requirements. | 3. Apply pedagogical theories to facilitate learning in the field of computer science and web programming. | 4. Demonstrate how to teach computer science and web programming in the secondary education system. | 5. Evaluate student computer programming performance.		Association for Advancing Quality in Educator Preparation (AAQEP)
Computer Science	Bachelor's Degree	Software Development, B.A.S.	11.0201	The Bachelor of Applied Science in Software Development is a degree to provide a solid foundation of software development skills. It consists mainly of 45 credit hours of computer science classes: the core computer science classes, plus several additional computer science courses selected so as to have greatest practical applicability. The degree will qualify students for mid-level programming jobs with good long-term prospects but not necessarily technical leadership roles.	1. Design a software-based solution to meet a given set of requirements. | 2. Implement a software-based solution to meet a given set of requirements | 3. Communicate effectively in a variety of professional contexts. | 4. Function effectively as a member of a team engaged in software development.		
Computer Science	Bachelor's Degree	Software Engineering, B.S.	14.0903	Software Engineers design and develop large software systems. In addition, they may lead teams of software developers or quality assurance engineers. They also work with users and customers to understand their needs. Software systems we take for granted, such as Microsoft Office, are implemented by software engineers. Software engineers employ innovative software development approaches, such as Agile software development, to effectively manage software development projects.	1. Graduates are proficient in using data structures and algorithms. They understand how to implement them, when to apply them, and the abstractions associated with their use. | 2. Graduates understand the foundations of computer architecture. | 3. Graduates are able to develop solutions to significant software development problems. | 4. Graduates will be able to provide internal and external software documentation. | 5. Graduates are able to function effectively on teams to accomplish a common goal. | 6. Graduates understand software project lifecycles and development processes, and can follow standard processes. | 7. Graduates can elicit and write software specifications. | 8. Graduates understand principles of software quality assurance and testing, and can test software effectively.		Accreditation Board for Engineering and Technology, Inc. (ABET)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Construction Technologies	Bachelor's Degree	Construction Management, B.S.	52.2001	Students may earn an Associate in Applied Science degree. The Clyde Institute of Construction Management Program has been designed to provide students a strong foundation in Construction Management that prepares them for jobs in construction site supervision and/or for advancement on to a BS degree in Construction Management. The program provides courses in building construction, construction management and construction science that apply to all segments of the construction industry with an emphasis on heavy civil and commercial construction. Students will learn about construction materials and methods through the use of readings, 3-D models, hands-on laboratory exercises, and site visits. Construction management courses in estimating and scheduling are also provided along with a strong background in mathematics, computer technology, business and other general education subjects. A supervisory course is also required so students can learn to manage workers at construction sites.	1. Construction project management from pre-design through commissioning. | 2. An ability to analyze the local and global impact of project life-cycle and sustainability. | 3. Recognition of the need for health and safety, accident prevention, and regulatory compliance. | 4. An ability to apply knowledge of law, contract documents administration, and dispute prevention and resolution. | 5. An understanding of materials, labor and methods of construction. | 6. An ability to apply knowledge finance and accounting principles. | 7. An ability to use and apply current technical concepts and practices in planning and scheduling. | 8. An ability to design, implement, and evaluate construction cost management including plan reading, quantity take offs and estimating. | 9. An ability to identify and analyze project delivery methods. | 10. An ability to function effectively on teams and demonstrate skills in leadership and managing people. | 11. An ability to use and apply verbal and written business and communication skills.	Occupational Safety and Health Administration (OSHA) 30-hour Certificate Card	Accreditation Board for Engineering and Technology, Inc. (ABET)
Digital Media	Bachelor's Degree	Animation and Game Development, B.S.	50.0411	The BS in Animation and Game Development focuses on contemporary, industry-standard, and technology oriented processes and procedures.	1. Demonstrate competent application of the Principles of Animation. | 2. Rig bipedal and quadrupedal characters for animation and/or interactive titles. | 3. Create hybrid (2D and 3D) assets (layouts, backgrounds, characters, props, lights, cameras, scripting, and effects) for film, games, and/or simulations. | 4. Composite and render constructed assets into unified scenes. | 5. Contribute in a team setting, i.e. plan, schedule, follow through, and communicate, to produce and submit a capstone title demonstrating competent understanding of the animation discipline.		
Digital Media	Bachelor's Degree	Digital Audio, B.S.	10.0203	The BS in Digital Audio allows students to study, without distraction, the physics and mathematics of audio engineering, basic audio-related electronics, recording tools and techniques, mixing tools and techniques, mastering tools and techniques, radio production, room acoustics and design, production sound for film and television, post-production sound, audio restoration (archival, historical, and forensic), and the business and marketing practices of the audio industry.	1. Demonstrate in practicum a thorough knowledge of foundational principles of acoustics, math, signal processing, and all their practical counterparts. | 2. Show proficiency in choosing and using appropriate microphones, preamplifiers, and other equipment to record sound in the most accurate and effective way for the application at hand. | 3. Produce both technically competent and emotionally powerful mixes of recorded media using the signal processing algorithms and devices listed in item four, below. | 4. Demonstrate both technical and artistic command of all signal processors, including, without limitation, equalization, compression, expansion, gate, synthetic and IR reverberation, delay lines, chorus, phase shifting, flange, distortion and harmonic generation, and restoration and forensic processors such as noise recognition and cleaning, de-clicking, hiss removal, and utility processors such as file compression algorithms and format conversion tools. | 5. Build a portfolio of recordings and mixes involving a broad range of non-musical subjects as well as a broad range of musical styles. | 6. Demonstrate full competency in multimedia collaboration, including film and television production and post-production audio. | 7. Show a competent understanding of room and space acoustics, including formal and informal ways of treating a recording or mixing environment to increase sonic accuracy and eliminate standing waves and frequency nulls. | 8. Demonstrate an ongoing understanding of the current professional equipment of the audio industry, including both outboard and foundational gear, and also “in the box” solutions for the all-digital environment. | 9. Have advanced proficiency in either audio mastering or audio restoration and forensics.		
Digital Media	Bachelor's Degree	Digital Cinema Production, B.S.	50.0602	The BS degrees in Digital Cinema Production trains students in the development, production, and post-production process of filmed media content for a variety of platforms. Using a hands-on, practical approach, students learn the tools, equipment, technologies, software, and protocols that are used on sets and post-production facilities, large and small, throughout the world. The curriculum focuses on creating character driven stories and how to use emerging digital technologies to enhance storytelling. Advanced students can choose to focus their study on different skill-sets within the digital cinema production process including, but not limited to, directing for digital cinema, writing for digital cinema, cinematography, production, post-production, documentary, and sports broadcasting.	1. Technical – students will understand the use of camera, camera menus, electrical lighting, natural lighting, editing, color correction, audio recording, data management, and scheduling and budgeting software in order to be successfully handle the requirements of entry-level positions within the industry that require this technical knowledge. | 2. Communicative – students will understand the structure, technique, format and style of contemporary storytelling for filmed media content, as well as the software used to create it. They will be able to write and express complex ideas using industry standard formatting that present story, visualization, camera angles, lighting designs, character development, and production design | 3. Leadership – students will understand film set protocol and film set culture and will be able to lead and train others in proper performance on filmed media industry sites. They will understand expectations and requirements of union regulated production standards and be able to adhere to them and train others in these standards | 4. Aesthetic – students will understand the aesthetic side of filmed media design, composition and color theory and how these elements are created using cameras, software, and source design.		
Digital Media	Bachelor's Degree	Web Design and Development, B.S.	11.1004	The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.	See associated emphasis		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Digital Media	Emphasis	Web Design and Development - Interaction Design and Development Emphasis, B.S.	11.1004	The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.	1. Develop critical thinking skills to solve industry-related problems, | 2. Professional level creative design and production, problem solving, and robust verbal and written communication skills | 3. Demonstrate junior level of proficiency in using industry standard digital hardware and software within their specific emphasis on student and real world projects | 4. Work on community partnered and service learning projects that benefit the local community.		
Digital Media	Emphasis	Web Design and Development - Web and App Development Emphasis, B.S.	11.1004	The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.	1. Students will be able to leverage accepted design principles to build visually appealing mockups and wire frames to maximize the user experience. | 2. Students will be able to develop functional interfaces using current frameworks and technologies that work on multiple devices. | 3. Students will be able to effectively communicate with peers in a work team and clients in both verbal and written forms.		
Engineering	Bachelor's Degree	Civil Engineering, B.S.	14.0801	Civil engineering is the oldest engineering discipline. The Bachelor of Science in Civil Engineering prepares graduates to apply mathematical and scientific principles to the design and supervision of infrastructure components including: buildings, roads, bridges, dams, tunnels, mass transit systems, and airports. Civil engineers are also involved in environmental studies and the design and supervision of municipal water supplies and sewage systems.	1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. | 2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. | 3. An ability to communicate effectively with a range of audiences. | 4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. | 5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives. | 6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. | 7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Professional Engineering License	Accreditation Board for Engineering and Technology, Inc. (ABET)
Engineering	Bachelor's Degree	Computer Engineering, B.S.	14.0902	Computer Engineering encompasses the science and technology of design, construction, implementation, testing, and maintenance of integrated software and hardware components of modern computing systems and computer–controlled equipment (cell phones, video games, laptops).	1. Computer Engineering students will demonstrate proficiency in the areas of programming languages, algorithms, operating systems, computer architecture, digital and analog circuits, and engineering design. | 2. Students will demonstrate proficiency in relevant aspects of mathematics as well as the appropriate concepts from physics and electrical circuits and devices. | 3. Students will successfully apply these principles and practices to a variety of problems. | 4. Students will demonstrate an understanding of differential and integral calculus, advanced engineering mathematics, discrete structures, probability and statistics, physics, and other areas of science pertinent to engineering. | 5. Students will apply modern engineering tools necessary for computer engineering practice including computer based analysis, design, and simulation tools. | 6. Students will have the ability to work with others and on multidisciplinary teams in both classroom and laboratory environments. | 7. Students will demonstrate critical and abstract thinking. | 8. Students will demonstrate an ability to communicate effectively. | 9. Students will obtain familiarity with basic ideas and contemporary issues in the social sciences and the humanities. | 10. Students will obtain an understanding of social, professional, and ethical issues related to engineering. | 11. The majority of the graduates will be immediately employed in high-technology companies that utilize their computer engineering skills. | 12. Strong graduates from the program will be prepared to enter graduate programs.	Professional Engineering License	Accreditation Board for Engineering and Technology, Inc. (ABET)
Engineering	Bachelor's Degree	Electrical Engineering, B.S.	14.1001	A Bachelor of Science in Electrical Engineering provides a broad foundation in electrical engineering through combined classroom and laboratory work and prepares students for entering the profession of electrical engineering as well as further study at the graduate level. The core courses will provide students with a strong background in mathematics, physical science, and fundamentals of engineering.	1. demonstrated their ability to perform electrical engineering analysis to solve problems and to communicate technical information effectively in an engineering or a professional team environment | 2. advanced professionally by given more responsibilities; or have successfully completed a graduate level degree | 3. continued their professional development through workshops; or earning professional licensure | 4. served in their professional organizations and/or local communities.	Professional Engineering License	Accreditation Board for Engineering and Technology, Inc. (ABET)
Engineering	Bachelor's Degree	Mechanical Engineering, B.S.	14.1901	Mechanical engineering, which has evolved over the years as new technologies have emerged, is one of the broadest engineering disciplines. The Bachelor of Science in Mechanical Engineering prepares graduates to apply mathematical and scientific principles to the design, development, testing, and manufacturing of machines, robots, tools, biomedical devices, power generating equipment such as steam and gas turbines, wind turbines, solar systems, internal combustion engines, and heating, cooling, and refrigeration equipment.	1. Demonstrated their ability to perform mechanical engineering analysis to solve problems and to communicate technical information effectively in an engineering or a professional team environment. | 2. Advanced professionally by being given more responsibilities and/or have completed a graduate level degree. | 3. Continued their professional development through workshops and/or have earned professional licensure. | 4. Served in their professional organizations and/or local communities.	Professional Engineering License	Accreditation Board for Engineering and Technology, Inc. (ABET)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Engineering Technology	Bachelor's Degree	Mechatronics Engineering Technology, B.S.	15.0406	The Mechatronics Engineering Technology Degree from Utah Valley University prepares graduates to work in the Utah manufacturing sector as an automation technologist, design technician, PLC programmer, as well as many other aspects of implementing manufacturing systems. Students complete courses in PLC programming and architecture, materials, CAD, electrical and mechanical components, pneumatics, and motor control. Students will also take courses in technical writing, physics, chemistry, and business to round out their professional profile.	1. Demonstrate proficiency in basic automation technology subjects including: (a) electronic mathematics, (b) AC and DC circuits and components, (c) computer architecture(d) programmable logic controllers(PLC's), (d) industrial pneumatic and hydraulic systems, and (e) CAD based mechanical design. | 2. Demonstrate appropriate technical reading, writing, and communications skills. | 3. Demonstrate proficiency in mathematics appropriate for automation technology. | 4. Demonstrate proficiency in design, analysis, operation, and troubleshooting of automation systems, including: (a) automation motors (servo, stepper, PMDC, and BLDC), (b) industrial pneumatics (actuators, valves, etc..), (c) PID speed and position controls, and (d) kinematics/dynamics of machines (motion analysis, linkages, and mechanisms). | 5. Master PLC programming, operation, and structure for automation systems.		
Information Systems and Technology	Bachelor's Degree	Business/Marketing Education, B.S.	13.1303	Students interested in teaching can pursue a Bachelor of Science in Business/Marketing Education and a secondary teaching license through a joint program offered by the Information Systems and Technology Department and the School of Education. The Business/Marketing Education curriculum prepares students to teach business, marketing, and information technology in secondary schools.	1. Create, analyze, revise, and implement curricula to prepare students to teach business and marketing education at the secondary level. | 2. Facilitate the learning of dynamic subject matter in a diverse learning environment. | 3. Maintain a solid foundation in general education content, business and marketing content, and professional education content.	Utah Educator License	Association for Advancing Quality in Educator Preparation (AAQEP)
Information Systems and Technology	Bachelor's Degree	Information Management, B.S.	52.0204	The Bachelor of Science in Information Management is designed to prepare students to supervise and manage the operations and personnel of business offices. Courses include instruction in employee supervision, budgeting, scheduling and coordination, office systems operation and maintenance, office records management, public relations, project management, accounting, decision making, and human resources.	1. Clearly explain information and concepts in written, electronic, and verbal forms. | 2. Explain and apply business and information management principles when solving problems. | 3. Demonstrate a continued interest in maintaining and updating technical skills required by business and industry. | 4. Have a global perspective on legal and ethical issues surrounding information management and technology.		
Information Systems and Technology	Bachelor's Degree	Information Systems, B.S.	52.0204	See associated emphasis	See associated emphasis		Accreditation Board for Engineering and Technology, Inc. (ABET)
Information Systems and Technology	Emphasis	Information Systems - Application Development Emphasis, B.S.	52.0204	The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs.	Contact the department for information		Accreditation Board for Engineering and Technology, Inc. (ABET)
Information Systems and Technology	Emphasis	Information Systems - Business Intelligence Systems Emphasis, B.S.	52.0204	The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs. The Business Intelligence Systems (BIS) emphasis prepares graduates to become business intelligence analysts who produce financial and marketing intelligence by querying data repositories, generating reports, and devising methods for identifying data patterns and trends. Organizations store an enormous amount of data. People who are able to perform data mining and can analyze the data to detect trends and form predictions are highly sought by national and regional organizations.	Contact the department for information		Accreditation Board for Engineering and Technology, Inc. (ABET)
Information Systems and Technology	Emphasis	Information Systems - Information Security Management Emphasis, B.S.	52.0204	Managing the security of information systems is extremely important for all types of organizations to protect the systems from data breaches. The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs. The Information Security Management (ISM) emphasis prepares students for information technology management and information security analyst positions.	Contact the department for information		Accreditation Board for Engineering and Technology, Inc. (ABET)
Information Systems and Technology	Bachelor's Degree	Information Technology, B.S.	11.0901	Contact the department for information	Contact the department for information		Accreditation Board for Engineering and Technology, Inc. (ABET)
Information Systems and Technology	Emphasis	Information Technology - Computer Forensics and Security Emphasis, B.S.	11.0901	Electronic data is often used as evidence in court. Forensic specialists learn how to identify, preserve, and extract data from electronic devices, such as computers and smart phones. The Bachelor of Science in Information Technology (IT) degree prepares students to install, manage, and maintain the computing infrastructure on which organizational systems run. The Computer Forensics and Security emphasis provides students with a solid foundation for employment by government or corporate sector to work in a computer forensics lab as a forensic analyst or in information security.	1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of professional contexts. | 4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. | 5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. | 6. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.		Accreditation Board for Engineering and Technology, Inc. (ABET)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Information Systems and Technology	Emphasis	Information Technology - Network Administration and Security Emphasis, B.S.	11.0901	Every organization uses some form of information technology to perform its operations. The Bachelor of Science in Information Technology (IT) degree prepares students to install, manage, and maintain the computing infrastructure on which organizational systems run. The Network Administration and Security emphasis prepares students to work as data communication consultants, information security analysts, and network administrators. The core of the BS IT program prepares students to have a strong foundation in computer architecture, data communication, information security, networks, and system administration.	1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. | 2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | 3. Communicate effectively in a variety of professional contexts. | 4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. | 5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. | 6. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.		Accreditation Board for Engineering and Technology, Inc. (ABET)
Technology Management	Bachelor's Degree	Technology Management, B.S.	52.0216	The Bachelor of Science in Technology Management curriculum is designed to prepare individuals with science, business and technical skills required for the management of people and systems in technology-based industries, government agencies, and non-profit organizations. Includes instruction in computer applications, general management principles, production and operations management, project management, quality control, safety and health issues, and statistics.	1. Manage and develop technical cross-functional teams. | 2. Manage and develop complex systems and processes. | 3. Assess current and emerging technologies to problem solve and support innovation. | 4. Analyze business concepts and data to effect change. | 5. Communicate with a wide range of internal stakeholders and various outside communities.		
Transportation Technologies	Bachelor's Degree	Transportation Technologies, B.A.S.	15.0803	The Bachelor of Applied Science in Transportation Technologies offers career and technical training in advanced vehicle technologies. Courses offered are in the areas of energy storage, electric drive systems, failure analysis, fleet operations management, diesel performance, vehicle design, composites, and other advanced vehicle design technologies. Students who complete this program can expect to be high potential earners, with the ability to move throughout the technician or management arena.	1. Diagnose Repair/Subsume/Electrical & Electronic Systems. 2. Diagnose/Repair/Subsume/Transportation computer systems. 3. Diagnose/Repair/Subsume/Industry based communications systems. 4. Diagnose / Repair/Subsume/Advance vehicle systems.		

Smith College of Engineering and Technology - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Architecture and Engineering Design	Undergraduate Certificate	Architectural Design Technology, Certificate of Proficiency	15.1303	The Certificate of Proficiency in Architectural Design Technology applies the technical and functional elements of residential and commercial architectural design. Students will take courses in the fundamentals of drafting and design, two-dimensional and three-dimensional software/Building Information Modeling (BIM) packages, architectural rendering, residential design and construction, and commercial design and construction.	1. Demonstrate knowledge of architectural design, building codes, and construction methods and materials | 2. Create quality, industry level design drawings for the design discipline | 3. Use industry standard design software when producing design drawings		
Architecture and Engineering Design	Undergraduate Certificate	Civil Design and Surveying Technology, Certificate of Proficiency	15.0201	The Certificate of Proficiency in Civil Design and Surveying Technology will be dedicated to teaching the technical and functional elements of civil design and surveying, and will educate students in the process of taking civil related projects from data obtained from ground observations and measurements made by surveying to conceptual design to completed construction documents and finally to surveying and staking the proposed design on the ground so it can be constructed. Students will be required to take civil and surveying courses currently offered in the Engineering Design Technology (EDT) department including the courses from the Drafting Technology program and the Surveying and Mapping program. From these courses students will learn the basics of surveying, civil drafting and design, and be trained in industry standard two-dimensional and three-dimensional software packages. Students will also take courses in surveying applications, land development, advanced field and office surveying, and civil design. A student with a Certificate of Proficiency in Civil Design and Surveying Technology will be prepared for an entry level job as a civil drafter/designer or survey technician. They can increase their education, training, and employability by completing the Associate of Applied Science in Engineering Design Technology, Certificate of Proficiency in Mapping Technology, Certificate of Proficiency in Surveying Technology, Associate of Applied Science in Surveying Technology (pending), Associate of Science in Surveying and Mapping and/or a Bachelor of Science in Surveying and Mapping.	1. Implement the principles and practices of the Survey Technician, Mapper, and Civil Designer. | 2. Perform all common land surveys and civil engineering plans using professionally acceptable principles and practices of civil design and surveying. | 3. Create maps and plans using professionally acceptable drafting, design, and cartographic principles and practices.		
Architecture and Engineering Design	Undergraduate Certificate	Mechanical Design Technology, Certificate of Proficiency	15.1306	The Certificate of Proficiency in Mechanical Design Technology applies the technical and functional elements of mechanical design. Students will take courses in the fundamentals of drafting and design, basic mechanical drafting and design, two-dimensional and three-dimensional software packages, electrical design, and advanced mechanical design.	1. Demonstrate knowledge of mechanical design and engineering reference materials (Machinery's Handbook). | 2. Create quality, industry level design drawings for the design discipline.		
Architecture and Engineering Design	Undergraduate Certificate	Structural Design Technology, Certificate of Proficiency	15.1399	The Certificate of Proficiency in Structural Design Technology applies the technical and functional elements of structural steel detailing. Students will take courses in the fundamentals of drafting and design, basic structural steel detailing, two-dimensional and three-dimensional software/Building Information Modeling (BIM) packages, and advanced structural design and detailing.	1. Demonstrate knowledge of structural steel detailing/design and the AISC Standards. | 2. Create quality, industry level design drawings for the design discipline. | 3. Use industry standard design software when producing design drawings.		
Architecture and Engineering Design	Undergraduate Certificate	Surveying Technology, Certificate of Proficiency	15.1102	The Certificate of Proficiency in Surveying Technology is intended to provide part of the educational competency required for licensure as a Professional Land Surveyor (PLS) in the State of Utah. If an individual holds a bachelor of science degree in a related surveying field such as civil engineering or construction management, according to the State of Utah Office of Administrative Rules 156-22-302(c)(3), they may complete an additional 30 semester hours of surveying specific course work to complete the educational component for licensure. This certificate meets this regulatory educational requirement if the related degree includes algebra, calculus, geometry, statistics, or trigonometry. It prepares students for immediate employment beyond entry level work in surveying or civil engineering firms as a crew chief or a position with similar responsibilities. Students will be prepared to perform many of the various field and office tasks related to surveying including site and topographic surveys, boundary investigation and research, map-making, various survey adjustment calculations, writing of legal property descriptions, and other survey technician duties and responsibilities.	1. Implement the principles and practices of the professional Land Surveyor. | 2. Integrate the professionals' role and responsibilities of protecting the land rights, title, and interest of the public. | 3. Perform the common land surveys using professionally acceptable metrology and geodesy principles and practices. | 4. Create maps using professionally acceptable drafting, design, and cartographic principles and practices. | 5. Develop prudent ethical judgement and critical thinking skills in making professional decisions.	Professional Land Surveyor (with a BS in a discipline related to Surveying)	
Aviation Science	Undergraduate Certificate	Aviation Science, Certificate of Proficiency	49.0102	The Certificate of Proficiency in Aviation Science is available for all UVU students with aviation particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate is available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement.	1. Investigate aviation/aerospace career opportunities and associated skills required in aviation preparation for aviation employment. | 2. Identify aviation applications including aerospace technology and terminology. | 3. Explain the aerodynamic principles of flight that affect aircraft operation. | 4. Apply knowledge of pilotage, dead reckoning, and radio navigation in conjunction with the aeronautical charts, plotters, flight computers, and flight publications necessary for cross-country flight.		
Computer Science	Undergraduate Certificate	Programmer, Certificate of Completion	11.0201	The program introduces the students to basic, entry level programming.	1. Graduates are able to develop solutions to moderately complex computing problems. | 2. Graduates have proficiency in discrete mathematics. | 3. Students understand the fundamentals of net-centric computing.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Construction Technologies	Undergraduate Certificate	Cabinetry and Architectural Woodwork, Certificate of Completion	48.0703	Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.	1. Graduate of the CC will be able to design and plan a project by identifying required materials and equipment | 2. Graduates will be able to setup and safely operate standard cabinetry shop equipment (i.e.: table saws, jointers/planers, shapers, sanders...etc.)		
Construction Technologies	Undergraduate Certificate	Cabinetry and Woodworking, Certificate of Proficiency	48.0703	The Certificate of Proficiency in Cabinetry and Architectural Woodwork is available for all UVU students with a particular focus for high school students who desire to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate will also be available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement and learn more about the Cabinetry career field	1. Possess a working knowledge of Cabinetmaking Standards as set forth by Architectural Woodwork Institute (AWI). | 2. Possess the skills and trade knowledge necessary to be productive in the cabinet making industry. | 3. Possess good computational and reasoning skills.		
Construction Technologies	Undergraduate Certificate	Construction Management, Certificate of Completion	52.2001	A Certificate of Completion for students seeking an applied education in construction. The courses can lead the students who desire to further their education towards the AAS and/or BS degree in Construction Management.	1. Students will demonstrate a basic understanding of construction management principles and practices in the following areas: Construction Blueprint Reading, Construction Processes, Construction Costs and Quantity Surveys, Construction Operations and Safety, Construction Management Principles. | 2. Students will demonstrate verbal and written communication skills. | 3. Students will have a foundational understanding of the following basic business practices: Business Communications, Business Computer Proficiency | 4. Students will have a solid understanding of construction science in heavy civil, commercial, and residential construction areas including the following: Surveying, Construction Tools and Equipment, Construction Codes and Standards, Construction Graphics and Models, Construction Materials and Methods, Construction Systems, Construction Quality and Safety | 5. Students will have a strong foundation in mathematics and science: Algebra.		
Construction Technologies	Undergraduate Certificate	Construction Management, Certificate of Proficiency	52.2001	This certificate is available to all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field while still enrolled in high school and stack into certificate, associate and bachelor degrees at UVU. This certificate will also be available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the construction field.	1. Recognition of the need for health and safety, accident prevention, and regulatory compliance. | 2. An understanding of materials, labor and methods of construction. | 3. An ability to use and apply current technical concepts and practices in planning and scheduling. | 4. An ability to identify and analyze project delivery methods. | 5. An ability to function effectively on teams and demonstrate skills in leadership and managing people. | 6. An ability to use and apply verbal and written business and communication skills.		
Construction Technologies	Undergraduate Certificate	Woodworking Education, Certificate of Proficiency	48.0799	The CP in Woodworking Education is a package of existing courses that provides licensed, secondary education teachers in Utah with a pathway for adding the Associate level Woods endorsement to their professional portfolio. In addition, it establishes a means for individuals who wish to enter the teaching profession and are seeking a teaching credential with a means to demonstrate the content knowledge required for the Associate level Woods endorsement. It supports the endorsement portion of the licensing process only. It is not a full-fledged teacher preparation program and does not result in a recommendation for licensure.	1. To provide existing teachers with the fundamental knowledge needed to present woodworking courses to secondary education students | 2. To provide prospective teachers with a pathway and content knowledge they must demonstrate as they pursue licensure/endorsement | 3. To provide existing and prospective teachers with the fundamental skills needed to present woodworking courses to secondary education students.		
Culinary Arts Institute	Undergraduate Certificate	Baking and Pastry, Certificate of Proficiency	12.0501	The Certificate of Proficiency in Baking and Pastry is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for entry-level skills leading to direct employment in the baking and pastry field. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.	1: Prepare individuals to obtain baking and pastry employment upon completion. | 2: Provide shortened additional and advanced training for individuals already working in the industry. | 3: Understand basic and advanced baking and pastry techniques, terms, mise en place, sanitation, and safety. | 4: Produce basic baking and pastry items including cookies, breads, custards, quick breads, pies, meringues, and pate a choux. | 5: Produce advanced baking and pastry items including cakes, cake decoration, filling, dessert sauces, petit fours, and rolled-in doughs.		
Culinary Arts Institute	Undergraduate Certificate	Entry Kitchen, Certificate of Proficiency	12.05	The Certificate of Proficiency in Entry Kitchen is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for beginning skills leading to direct employment in a restaurant in the prep kitchen or bakery. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.	1. Prepare individuals to obtain entry level baking & pastry or cooking employment upon completion. | 2. Understand basic cooking and baking & pastry technics, methods, terms, mise en place, sanitation, and safety. | 3. Produce basic baking and pastry items including cookies, breads, custards, quick breads, pies, meringues, and pate a choux. | 4. Produce basic culinary items including knife cuts, stocks, sauces, poultry fabrication, fish fabrication, and breakfast items. | 5. Provide shortened additional and advanced training for individuals already working in the industry.		
Culinary Arts Institute	Undergraduate Certificate	Professional Kitchen, Certificate of Proficiency	12.0505	The Certificate of Proficiency in Professional Cooking is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for advanced skills leading to direct employment in a restaurant on the hot line. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Digital Media	Undergraduate Certificate	Digital Cinema, Certificate of Proficiency	50.0602	Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.	1. PRODUCTION: Student is able to implement the processes, strategies, and protocols required for the production and creation of filmed media content, from entry level (production assistant) to advanced (producer and production manager), based on standard industry practices. | 2. DIRECTION: Student is able to fill the role of the director in creating and executing the aesthetic look and shooting plan of a screenplay in collaboration with department heads, actors, key crew members, and the post production team. | 3. STORYTELLING: Student is able to implement their understanding of the psychological foundations of how storytelling functions through various technologies, how to apply the storytelling principles to create effective communication using a variety of media and in a variety of key production roles including producer, director, writer and editor. | 4. CINEMATOGRAPHY: Student is able to perform the role of the cinematographer as technician, manager and storyteller and has acquired hands-on skills with grip, electric and camera equipment, and understands how these skills are applied to workflows in pre-production, principle photography and post-production. | 5. EDITING: Student can carry out applied learning activities focused on the post production process for digital media productions (documentaries, narrative, short format and corporate industrial). | 6. POST-PRODUCTION: Student understands and shows practical skills for the post workflows from asset management through final project delivery including client/director collaboration, technical and aesthetic editing skills, mastery of software tools, color correction and delivery of the product in required industry standard formats.		
Digital Media	Undergraduate Certificate	Digital Media, Certificate of Proficiency	11.0801	This certificate is designed to provide high school students an opportunity to obtain a certificate of proficiency while still enrolled in high school, which not only gives initial employability skills, but also stacks into associate degrees at UVU.	1. Develop critical thinking skills to solve industry-related problems. | 2. Describe the industry opportunities for Digital Media. | 3. Create media for use in an introductory level project. | 4. Produce a introductory level project using current industry tools.		
Engineering Technology	Undergraduate Certificate	Automation and Electrical Control Technology, Certificate of Proficiency	15.0406	The Certificate of Proficiency in Automation and Electrical Control Technology provides training for students seeking to develop their skills and knowledge to troubleshoot, wire, repair, adapt, maintain, and control large automated electrical systems found in Industrial and Manufacturing Industries worldwide. This certificate is designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education field while still enrolled in high school, and stack into certificate and associate degrees at UVU.	1. Apply electrical theory to safely wire, troubleshoot, analyze, repair, and build electrical/electronic systems. | 2. Utilize appropriate test equipment and hand tools to troubleshoot, analyze, and repair electrical/electronic systems. | 3. Describe the operation of electrical components, transformers, digital and relay logic in an electrical system. | 4. Apply technical knowledge and skills to safely analyze, assemble, operate, troubleshoot digital systems.		
Engineering Technology	Undergraduate Certificate	Electrical and Control Technology, Certificate of Proficiency	15.0406	The Certificate of Proficiency in Electrical and Control Technology prepares technicians and technologists to troubleshoot, wire, repair, adapt, install, and maintain electrical and industrial motor control equipment found in many local industries. Knowledge and experience are gained through theory and engaging “hands on” labs that prepare graduates to work safely around industrial and commercial electrical equipment. Electrical DC and AC theory, transformers, circuits, wiring, motors, motor controls, relay logic, logic gates, and the National Electrical Code for commercial and industrial systems is emphasized. Skills are developed in troubleshooting, testing, and analyzing electrical circuits. This is the first employable step in the exciting career path of working with electrically automated equipment.	1. Apply electrical theory to safely wire, troubleshoot, analyze, repair, and build electrical systems and control circuits. | 2. Utilize appropriate test equipment and hand tools to troubleshoot, analyze, repair, and install electrical systems and control circuits. | 3. Describe the operation of electrical components, motors, generators, transformers, and digital and relay logic in an electrical automation system.		
Information Systems and Technology	Undergraduate Certificate	Administrative Support, Certificate of Completion	52.0401	The one-year certificate in Administrative Support program provides training in basic computer literacy and applications, such as word processing, presentations, graphics, and spreadsheet applications. In addition, students build skills in interpersonal and written business communication.	1. An ability to explain information and project management concepts in written and verbal forms. | 2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry. | 3. An ability to analyze problems and use appropriate skills and technology to reach solutions.		
Information Systems and Technology	Undergraduate Certificate	Administrative Support, Certificate of Proficiency	52.0204	The certificate of proficiency in Administrative Information Support program provides training for students seeking to develop their skills and knowledge of office administration and office systems. The program core focuses on word processing, presentations, graphics, spreadsheet, and database applications, as well as written and oral business communication skills, office procedures, and basic accounting skills.	1. Communicate effectively with a range of audiences, both in written and verbal form. | 2. Plan, create, and apply business solutions using current information skills and technology. | 3. Design, create, and format documents, spreadsheets, and charts as required by business and industry. | 4. Create and use HTML tables, templates, imagemaps, hyperlinks, etc.		
Information Systems and Technology	Undergraduate Certificate	Application Development, Certificate of Proficiency	11.0202	The Certificate of Proficiency in Application Development allows employees who do not have a degree to obtain a credential to advance their career prospects. The certificate also allows those individuals who earned degrees outside the computing fields to obtain a credential in Application Development to increase their value to their current or future employers.	Contact the department for information		
Information Systems and Technology	Undergraduate Certificate	Data Analytics, Certificate of Proficiency	52.1301	A Certificate of Proficiency in Data Analytics allows employees who do not have a degree to obtain a credential to advance their career prospects. A certificate also allows those individuals who earned degrees outside the computing fields to obtain a credential in Data Analytics to increase their value to their current or future employers.	Contact the department for information		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Information Systems and Technology	Undergraduate Certificate	Database Administration and Data Warehousing, Certificate of Proficiency	11.0802	The Certificate of Proficiency in Database Administration and Data Warehousing allows employees who do not have a degree to obtain a credential to advance their career prospects. It also allows those individuals who earned degrees outside the computing fields to obtain a credential in Database Administration and Data Warehousing to increase their value to their current or future employers.	Contact the department for information		
Information Systems and Technology	Undergraduate Certificate	Digital Information Management CA, Certificate of Proficiency	52.0401	The Digital Information Management CA is designed to prepare students to use public relations and communication skills in a business office and to oversee front office operations. Courses include instruction in digital literacy basics, word processing, spreadsheets, and information records management.	1. Use information technology to find information, to evaluate problems, and create solutions requiring cognitive and technical skills. | 2. Use communication technologies to create, evaluate, and communicate information. | 3. Organize and manage information including creation, receipt, maintenance use and disposition, and maintaining evidence of business activities and transactions in the form of records.		
Information Systems and Technology	Undergraduate Certificate	Foundations of Application Development CA, Certificate of Proficiency	11.0101	The CP in Foundations of Application Development CA is designed to prepare students for an entry-level job in application development. Courses include programming, database, and web application design.	Contact the department for information		
Information Systems and Technology	Undergraduate Certificate	Information Systems and Technology, Certificate of Proficiency	11.0101	The Certificate of Proficiency in Information Systems and Technology is available to all UVU Students with a particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate will be available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement. Students complete a foundational core in programming, database, web application design, data communication, and networking.	Contact the department for information		
Information Systems and Technology	Undergraduate Certificate	Information Technology, Certificate of Proficiency	11.0901	The Certificate of Proficiency in Information Technology provides students with training in basic computer applications and introductory coursework in the field of Information Technology. The program is designed to get people employed in entry-level IT positions. Students can select from a variety of introductory IT courses to build knowledge and skill in computer programming, database fundamentals, Linux and Windows system administration, computer architecture, cabling, networking, and security.	1. An ability to apply knowledge of computing and mathematics appropriate to Information Technology. | 2. An ability to communicate effectively with a range of audiences, both in written and oral forms. | 3. An ability to use current techniques, skills, and tools necessary for Information Technology.		
Information Systems and Technology	Undergraduate Certificate	Network Administration, Certificate of Completion	11.0901	The Certificate of Completion in Network Administration provides students with training in server administration, computer architecture, and networking. Students select from a variety of courses in cabling, Windows system administration, router management, information security, computer forensics, and Linux system administration.	1. An ability to apply knowledge of computing and mathematics appropriate to Network Administration. | 2. An ability to communicate effectively with a range of audiences, both in written and oral forms. | 3. An ability to use current techniques, skills, and tools necessary for Network Administration.		
Technology Management	Undergraduate Certificate	Advanced Manufacturing, Certificate of Proficiency	15.0613	The Certificate of Proficiency in Advanced Manufacturing is designed to provide entry-level manufacturing technician skills that are needed in expanding the manufacturing industry in Utah Valley. Although the term "advanced" might be confusing for a program providing entry-level skills, nationally this is the term that is being used. The program focuses on the basic skills used in advanced manufacturing processes expanding across the nation. The components of the certificate will include basic manufacturing skills with hands-on activities on equipment used in local facilities. Graduates of this certificate will have a basic understanding of advanced manufacturing operations with an emphasis on solving problems in the organization. While this program offers an entry-level certification for individuals pursuing a career in manufacturing, it has been designed to enable individuals the opportunity to continually expand and upgrade their applied skills as well as to maintain a thorough mastery of evolving manufacturing technologies.	1. Graduates will have the ability to apply technical and management principles in an advanced manufacturing environment to achieve operational excellence. | 2. Graduates will apply technical skills such as quality assurance, risk analysis, process management, product management, and other necessary specialties in the field of technology management.		
Technology Management	Undergraduate Certificate	Six Sigma Green Belt, Certificate of Proficiency	52.0299	The Six Sigma Green Belt Certificate at UVU demonstrates knowledge in quality improvement and elimination of waste or defects in production processes. It can be utilized in every aspect of business such as production, human resources, information technology, and customer service. This certificate is built into the curriculum of the Bachelor of Science in Technology Management program. Students who complete this credential have high-demand, industry-recognized skill sets.	1. Graduates will have the ability to apply Six Sigma project management principles. | 2. Graduates will have the ability to apply data-driven process improvements.		
Transportation Technologies	Undergraduate Certificate	Automotive Technology, Certificate of Completion	47.0604	Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associated in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.	1. Diagnose and repair charging and electronic systems. | 2. Diagnose and repair braking systems. | 3. Diagnose, repair, and identify drivetrain components. | 4. Diagnose and repair steering and suspension components. | 5. Diagnose and repair HVAC systems. | 6. Diagnose and repair engine mechanical systems. | 7. Diagnose and repair fuel and ignition systems. | 8. Retrieve, diagnose, and flash computer systems.		
Transportation Technologies	Undergraduate Certificate	Collision Repair Technology, Certificate of Completion	47.0603	One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree. See graduation requirements in the catalog for more information.	1. Identify, diagnose, and repair electrical systems. | 2. Identify, diagnose, and repair nonstructural and structural damage. | 3. Identify, diagnose, and repair paint refinish defects/damage. | 4. Identify, diagnose, and repair HVAC system damage. | 5. Identify, diagnose, and repair drivetrain damage. | 6. Identify, diagnose, and repair safety and restraint systems. | 7. Develop and display industry communication skills.	Automotive Service Excellence (ASE) Certification, I-CAR Certification	

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Transportation Technologies	Undergraduate Certificate	Diesel Mechanics Technology, Certificate of Completion	47.0605	One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.	1. Identify, diagnose, and repair electrical and electronic computer systems. | 2. Identify, diagnose, and repair diesel engine mechanical systems. | 3. Identify, diagnose, and repair drivetrain and chassis systems. | 4. Identify, diagnose, and repair steering suspension & brake systems. | 5. Identify, diagnose, and repair heating and cooling systems. | 6. Identify, diagnose, and repair hydraulic/hydrostatic systems. | 7. Identify, diagnose, and repair fuel delivery systems. | 8. Display industry based communication skills.	Automotive Service Excellence (ASE) Certification, I-CAR Certification	

Smith College of Engineering and Technology - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Computer Science	Minor	Computer Science, Minor	11.0701	The program provides the student with entry level programming instruction, and an overview of some portions of the program.	1. Analyze simple computing problems in order to identify solutions. | 2. Design a computing-based solution given a set of simple requirements. | 3. Implement a computing-based solution given a set of simple requirements. | 4. Implement linear and non-linear data structures.		
Digital Media	Minor	Digital Media, Minor	11.0801	Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.	1. Demonstrate a strong familiarity and proficiency with professional software for video editing, audio production and editing, basic animation, and web development. | 2. Demonstrate understanding and competency with the production pipeline of at least two of the following: Digital Cinema Production, Digital Audio Production, Web & App Development, and Animation. | 3. Demonstrate mastery over media file formats, conversion protocols, and storage frameworks. | 4. Use critical thinking skills to solve industry-related problems on real world projects and in collaboration with other students. | 5. Carry out applied learning activities focused on the production and post production process for digital media productions.		
Digital Media	Minor	Writing for Entertainment Media, Minor	50.0504	Students take the full advanced writing curriculum currently offered in the Digital Cinema Program, allowing non-majors to gain a credential in writing storytelling scripts for a variety of media without having to take the full Digital Cinema curriculum.	1. Students learn the technical aspects of creating scripts for professional media productions, including script formatting, writing for camera, audio and other technical elements in order to create scripts that are easily producible in a professional production. | 2. Students learn Film Production Analysis to enable them to understand storytelling principles of structure, character development, audience involvement and how different types of stories vary. | 3. Students learn story editing, allowing them to be able to analyze scripts written by other writers, identify storytelling strengths and challenges, and work with other writers on improving their scripts, as well as being able to apply the same analytical tools to their own work. | 4. Students graduate having completed a full long-form media script (i.e. a storytelling media experience requiring a minimum of 45 minutes), which can serve as a strong entree into the world of professional media writing. | 5. Students gain knowledge of the business and economic aspects of professional media writing.		
Information Systems and Technology	Minor	Applied Data Analytics, Minor	52.1301	The Minor in Applied Data Analytics allows students to choose among Information Systems, Statistics, and Marketing courses to learn about data management and analysis.	1. An ability to apply knowledge of computing and mathematics appropriate to Data Analytics. | 2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution. | 3. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users. | 4. An ability to function effectively on teams to accomplish a common goal. | 5. An ability to communicate effectively with a range of audiences, both in written and oral forms. | 6. An ability to use current techniques, skills, and tools necessary for Data Analytics.		
Information Systems and Technology	Minor	Business Information Technology, Minor	13.0501	The Minor in Business Information Technology gives students with a business or liberal arts major, the option of strengthening their general studies with technical coursework.	1. An ability to explain information and project management concepts in written and verbal forms. | 2. An ability to communicate effectively with a range of audiences, both in written and oral forms. | 3. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry. | 4. A global perspective on legal and ethical issues surrounding information management and technology. | 5. An ability to analyze problems and use appropriate skills and technology to reach solutions.		
Information Systems and Technology	Minor	Information Systems and Technology, Minor	11.0101	The Minor in Information Systems gives students with a business or liberal arts major, the option of strengthening their general studies with technical coursework.	1. An ability to apply knowledge of computing and mathematics appropriate to Information Systems and Technology. | 2. An ability to communicate effectively with a range of audiences, both in written and oral forms. | 3. An ability to use current techniques, skills, and tools necessary for Information Systems and Technology.		
Technology Management	Minor	Technology Management, Minor	15.1501	The Technology Management Minor will provide students the opportunity to explore many aspects of technology management, including project management, quality assurance, and creativity, as well as become more aware of the issues surrounding technology. This background will also benefit such students in their quest for employment, since project management and its related skills are highly sought after by employers.	1. Graduates will have the ability to apply technical and management principles in a technical environment to achieve operational excellence. | 2. Graduates will earn increasing levels of leadership and technical responsibility in the workplace, exhibiting life long learning and ethical and professional integrity. | 3. Graduates will apply technical skills such as quality, analysis, project management, design methods, and other necessary specialties in the field of technology management.		

Smith College of Engineering and Technology - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Computer Science	Master's Degree	Master of Computer Science, M.C.S.	11.0701	The Master of Computer Science (MCS) at Utah Valley University is an applied graduate program resulting in a professional degree. Students graduating with this degree will have a broad grounding in computer science as a discipline and be well equipped to take on leadership roles in a wide range of computing technology-related industries. Student education will be focused on developing software systems using current technologies while allowing them the freedom to explore and exploit new technologies to solve real-world problems. Students will be required to develop a broad base of competency by passing required courses in large scale implementation, applied mathematics computing, information management, and software engineering. Electives will allow a student to continue to add breadth to their education or allow them to focus on specific areas of computer science they find interesting or feel will best advance their professional objectives.	1. Design of large-scale software systems: To meet this standard, students demonstrate knowledge of common software architectural styles, interaction of design and quality, design tradeoffs, and the role of technology in software design. | 2. Implementation of large-scale systems: To meet this standard, students demonstrate the ability to write large programs, integrate software modules built over multiple releases, and devise unit and systems tests to ensure the quality of the system. | 3. Professional maturity: To meet this standard, students must demonstrate the ability to understand all phases of software lifecycle, take a significant project from conception through delivery without excessive supervision, be able to communicate technical concepts and problems in a coherent and professional manner, and meet deadlines. | 4. Broad base of competency: To meet this standard, students must demonstrate a breadth of knowledge that spans multiple functional domains of computer science. This breadth of knowledge must be deep enough that a student can apply their problem-solving skills to multiple domains or use multiple domains to solve a single problem.		
Information Systems and Technology	Master's Degree	Master of Science in Cybersecurity, M.S.	11.1003	The Master of Science in Cybersecurity is intended for individuals who desire to acquire additional cybersecurity knowledge, skills, and abilities in order to pursue new or advance existing careers in cybersecurity. The program is also designed for individuals who plan to pursue doctorate degrees in cybersecurity or related fields. The program focuses on the managerial and technical perspectives of cybersecurity through extensive use of case-studies and hands-on lab exercises.	1. Demonstrate an understanding of the technical and managerial aspects of cybersecurity. | 2. Demonstrate the ability to solve cybersecurity related problems and to make effective cybersecurity decisions in a dynamic and constantly changing environment. | 3. Demonstrate proficiency in using the tools, techniques, and technologies related to the identification and mitigation of cybersecurity threats. | 4. Develop an understanding of risk management methods as they relate to cybersecurity. | 5. Develop an understanding of the legal, regulatory, and ethical issues surrounding cybersecurity.		
Technology Management	Master's Degree	Master of Science in Engineering and Technology Management, M.S.	52.0216	The Engineering and Technology Management (ETM) program prepares engineering and technological professionals to make process-, product-, and project-oriented strategic and operational decisions and become leaders in the management of technology by providing the link between engineering, science, and management. It helps companies, research organizations, and governments to plan, develop, and implement technologies by specifically addressing real needs identified by industry leaders. Effective planning, selection, implementation, and management of technology, and the teams involved, is essential to the success of any business in today's complex and time-critical global markets. Students learn to apply proven evaluation concepts and implementation strategies to fast moving, technical management decisions that make the difference in both career and business success. Courses provide practicing engineers and managers of technical teams or projects with the knowledge, tools, and skills to manage projects, operations, organizations, and people. The program includes product and project management, engineering management, quality and safety management, and statistical analysis to enable the graduate to be more effective in technical managerial and leadership roles in a business environment. The program is specifically tailored for professionals who want to advance their careers while still working full time. The entire program is available through distance learning as well as face to face and involves 30 credit hours of course work.	1. Apply a business-driven approach to engineering and technology concepts. | 2. Employ product and project management with the use of rationale and effective decision making. | 3. Improve company practices using current technology, analysis, and design. Upon successful completion of this program, students will be able to make strategic and operational decisions in the management of technology by providing the link between engineering, science, and management.		

Smith College of Engineering and Technology - Graduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Computer Science	Graduate Certificate	Artificial Intelligence, Graduate Certificate	11.0102	The Graduate Certificate in Artificial Intelligence provides fundamental and advanced skills in the principles, algorithms and technologies that enable AI and cybersecurity.	1. Apply principles and techniques of AI and Machine Learning to solve problems. | 2. Apply security principles and practices to maintain operations in the presence of risks and threats.		
Information Systems and Technology	Graduate Certificate	Cybersecurity, Graduate Certificate	11.1003	The Graduate Certificate in Cybersecurity at Utah Valley University is a post-baccalaureate program for students who wish to complete advanced studies in the field of cybersecurity. This program is designed to provide students with advanced technical and managerial knowledge of cybersecurity, preparing them for senior technical and leadership roles in the field. Coursework includes a balanced approach, combining critical analysis of cybersecurity theory with hands-on education for essential applied cybersecurity techniques and tools. The program takes two semesters to complete the 18 credits of graduate level courses. Courses include cybersecurity operations, advanced network defense, cybersecurity management, case studies, secure coding, ethical hacking, and the legal and privacy implications of cybersecurity. To be successful, students should have a strong background in technology. Students should have completed undergraduate work in a related field or have applicable work experience. For those who do not meet this requirement, select undergraduate courses are available to provide the foundational knowledge needed. Please contact the academic advisor for more information.	1. Clearly explain complex technical cyber security concepts in written and verbal forms. | 2. Describe and explain how to mitigate cyber security threats to enterprise, government, and individuals. | 3. Explain the role of cyber security in the enterprise and how to integrate cyber security principles into existing processes. | 4. Be aware of their responsibility to behave ethically in their professional lives (e.g., clients, customers, employers, society, profession, environment, and community). | 5. Have a global perspective on legal and ethical issues surrounding cyber security and technology.		


Woodbury School of Business
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UNIVERSITY

Woodbury School of Business - Associate Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Accounting	Associate Degree	Accounting, A.S.	52.0301	The Associate in Science degree provides a broad business foundation and prepares students for upper-division studies in accounting. Students receive a broad range of theoretical and applied knowledge in the areas of accounting, economics, business law, and quantitative applications.	1. Process and apply accounting transaction analysis into an accounting system. | 2. Prepare the four basic financial statements. | 3. Analyze results of financial information via ratios, relationships, and variance analysis to aid management decision making. | 4. Apply Effective Communication Skills Concepts		
Organizational Leadership	Associate Degree	Hospitality Management, A.A.S.	52.0901	The Hospitality Management program in the Woodbury School of Business offers a Bachelor of Science degree in Hospitality Management (as well as supporting a Bachelor of Science degree in Business Management, with an Emphasis in Hospitality Management – listed elsewhere). Associate in Science and Associate in Applied Science degrees are also offered.	Contact the department for information		
Organizational Leadership	Associate Degree	Hospitality Management, A.S.	52.0901	The Hospitality Management program in the Woodbury School of Business offers a Bachelor of Science degree in Hospitality Management (as well as supporting a Bachelor of Science degree in Business Management, with an Emphasis in Hospitality Management – listed elsewhere). Associate in Science and Associate in Applied Science degrees are also offered.	Contact the department for information		
Strategic Management & Operations	Associate Degree	Associate in Science in Business, A.S.B.	52.0201	An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.	Contact the department for information		
Strategic Management & Operations	Associate Degree	Business Management, A.A.S.	52.0201	Students majoring in business management may receive a Certificate of Completion, an Associate in Applied Science in Business Management, an Associate in Science with a pre-major in Business, a Bachelor of Science in Hospitality Management, or a Bachelor of Science in Business Management with a specialization in one of the following four areas: Entrepreneurship, General Business, Hospitality Management, or International Business. An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.	Contact the department for information		
Strategic Management & Operations	Associate Degree	Pre-Major in Business, A.S.	52.0201	Students majoring in business management may receive a Certificate of Completion, an Associate in Applied Science in Business Management, an Associate in Science with a pre-major in Business, a Bachelor of Science in Hospitality Management, or a Bachelor of Science in Business Management with a specialization in one of the following four areas: Entrepreneurship, General Business, Hospitality Management, or International Business. An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.	Contact the department for information		

Woodbury School of Business - Bachelor's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Accounting	Bachelor's Degree	Accounting, B.S.	52.0301	This degree offers a balanced theoretical and applied approach to study a broad range of business and accounting disciplines. This includes business topics of marketing, finance, law, operations, and strategy. Following a study of the primary accounting disciplines of financial, managerial, audit, information systems, and tax, students can engage in a more specialized study of internal audit, management accounting, tax, or public accounting/graduate school. Students also develop important business skills in communication, critical thinking, team building, and computer applications.	Contact the department for information	Certified Management Accountant CMA	Association to Advance Collegiate Schools of Business (AACSB)
Finance & Economics	Bachelor's Degree	Finance, B.A.	52.0801	The Bachelor Degree in Finance at WSB prepares graduates for careers in the financial services industry. Students learn basic financial theory as well as specialized courses in financial management of corporate and business organizations, analysis of investment alternatives, and other more sophisticated finance related activities. Graduates go into banking, brokerages, become financial managers, and perform a variety of other financial services functions. Students with language skills may take an appropriate number of courses to obtain a Bachelor of Arts degree.	1. Students will be effective at corporate financial management. | 2. Students will understand basic portfolio theory, implications of the efficient market hypothesis and behavioral finance. | 3. Students will be knowledgeable of operation, risk measurement and management, and regulation in financial institutions. | 4. Students will be knowledgeable of the valuation of certain asset classes | 5. Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.	Chartered Financial Analyst (CFA)	Association to Advance Collegiate Schools of Business (AACSB)
Finance & Economics	Bachelor's Degree	Finance, B.S.	52.0801	The Bachelor degree in finance at WSB prepares graduates for careers in the financial services industry. Students learn basic financial theory as well as specialized courses in financial management of corporate and business organizations, analysis of investment alternatives, and other more sophisticated finance related activities. Graduates go into banking, brokerages, become financial managers, and perform a variety of other financial services functions. Students with languages skills may take an appropriate number of courses to obtain a Bachelor of Arts degree.	1. Students will be effective at corporate financial management. | 2. Students will understand basic portfolio theory, implications of the efficient market hypothesis and behavioral finance. | 3. Students will be knowledgeable of operation, risk measurement and management, and regulation in financial institutions. | 4. Students will be knowledgeable of the valuation of certain asset classes | 5. Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.	Chartered Financial Analyst (CFA)	Association to Advance Collegiate Schools of Business (AACSB)
Finance & Economics	Bachelor's Degree	Personal Financial Planning, B.S.	52.0804	The WSB Bachelor of Science in Personal Financial Planning (PFP) prepares graduates with the courses necessary to meet educational requirements to sit for the Certified Financial Planning Board of Standards, Inc. accreditation process. It is intended to prepare students to become fee-for-service professional planners with strong ethical standards who work with families and individuals developing specific budget, asset management, and related planning processes.	1. Apply ethical and fiduciary standards in a financial planning situation. | 2. Evaluate a client's financial situation and develop sound financial planning recommendations. | 3. Calculate present and future values, interest rate, payment and number of payments of a client's financial goal. | 4. Analyze a client's investments based on a client's unique financial situation. | 5. Create a comprehensive written financial plan for a client that is professional and integrates all aspects of their financial situation. | 6. Present client recommendations in an interactive and professional oral presentation.	Certified Financial Planner (CFP)	Association to Advance Collegiate Schools of Business (AACSB)
Marketing	Bachelor's Degree	Digital Marketing, B.S.	52.1404	The Digital Marketing major at UVU offers an analytical, applied, engaged-learning approach to digital marketing. Students learn a balance of marketing strategy, content creation, graphic design, and website/social media analytics for marketing campaigns. The digital marketing major offers an expanding menu of beginning and advanced courses that allow students to use their digital marketing skills for live engaged-learning clients.	1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans. | 2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors. | 3. Create digital marketing campaigns that include effective use of digital advertising, social media, and analytics. | 4. Coordinate a significant team marketing project for a business client. | 5. Communicate analysis, decisions, campaigns, and plans to stakeholders effectively.		Association to Advance Collegiate Schools of Business (AACSB)
Marketing	Bachelor's Degree	Marketing, B.A.	52.1401	Contact the department for information	1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans. | 2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors. | 3. Improve a customer solution through the effective use of product management best practices. | 4. Create a digital marketing campaign that effectively employs digital advertising, social media, and analytics. | 5. Apply a sales approach using customer-centric sales principles. | 6. Coordinate a significant team marketing project for a business client. | 7. Communicate analysis, decisions, campaigns, and plans to stake holders effectively.		Association to Advance Collegiate Schools of Business (AACSB)
Marketing	Bachelor's Degree	Marketing, B.S.	52.1401	Contact the department for information	1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans. | 2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors. | 3. Improve a customer solution through the effective use of product management best practices. | 4. Create a digital marketing campaign that effectively employs digital advertising, social media, and analytics. | 5. Apply a sales approach using customer-centric sales principles. | 6. Coordinate a significant team marketing project for a business client. | 7. Communicate analysis, decisions, campaigns, and plans to stakeholders effectively.		Association to Advance Collegiate Schools of Business (AACSB)

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Organizational Leadership	Bachelor's Degree	Event Management, B.S.	52.0907	The BS in Event Management provides individuals with the theoretical and practical tools to be successful in the event industry. Graduates will emerge with a broad skill set to successfully plan and manage small to large-scale events from inception to implementation, including meetings, conventions, special events, and large public events in roles across private, public and not-for-profit organizations. Following industry standards, students learn all aspects of event management, including strategic planning, communication, risk management, customer service, marketing, finance and logistics. The event management degree incorporates core curriculum from both the hospitality management and communication programs as well as core business classes that makes it a well-rounded business degree. Students will be provided multiple opportunities to interact and network with industry partners on in-class projects, real-world events, and internships where coursework can be applied to real-world experiences.	1. Apply marketing, finance, design, and operations practices to manage various types of events within the event industry. | 2. Explain how to plan and manage a live event from inception to implementation to evaluation. | 3. Communicate effectively to diverse audiences to successfully market and manage events. | 4. Make precise event management decisions using critical thinking and problem-solving skills. | 5. Manage people and vendors within the global event industry using leadership and conflict resolution skills.		Association to Advance Collegiate Schools of Business (AACSB)
Organizational Leadership	Bachelor's Degree	Hospitality Management, B.S.	52.0901	The Bachelor of Science in Hospitality Management degree offers the possibility for a student to choose one of four specializations: General Operations; Revenue Management; Food and Beverage Management (designed mainly for Culinary Arts AAS graduates); and Foreign Language Track (which provides 12-15 hours of language credit).	Contact the department for information		Association to Advance Collegiate Schools of Business (AACSB)
Organizational Leadership	Bachelor's Degree	Human Resource Management, B.A.	52.1001	Contact the department for information	Contact the department for information	Human Resources Certification	Association to Advance Collegiate Schools of Business (AACSB)
Organizational Leadership	Bachelor's Degree	Human Resource Management, B.S.	52.1001	Contact the department for information	Contact the department for information	Human Resources Certification	Association to Advance Collegiate Schools of Business (AACSB)
Strategic Management & Operations	Bachelor's Degree	Business and Analysis, B.S.	52.1399	The Bachelor of Science in Business and Analysis produces career-ready graduates in an emerging and cross-disciplinary set of skills to meet a rapidly growing demand for employees. Degree skill sets include business analysis planning and monitoring, elicitation and collaboration, project management, data analysis and strategy, analytical thinking and problem solving, customer acquisition and retention, industry tools and technology/professional certification, and new venture financial acumen. Practical knowledge is gained by requiring each graduate to sit for at least one professional industry certification exam (IIBA, ECBA). Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and internships. Graduates will be prepared to enter the job market in a wide variety of industries such as technology, manufacturing, marketing, financial services, healthcare, and supply chain. In addition, this degree will provide entrepreneurial skills to develop businesses and products.	1. Exhibit quantitative and qualitative reasoning skills applied to a variety of business development and monitoring problems. | 2. Analyze, conduct, and present (in both written and oral formats) quantitative business solutions. | 3. Apply a variety of data analytics tools (data visualization, forecasting, simulation, optimization, strategic models and other mathematical, statistical tools, software, and computer language tools) to a wide variety of strategic business development problems. | 4. Analyze, approach, and synthesize enterprise financial problems using quantitative and qualitative techniques and state-of-the-art software packages. | 5. Develop solutions for customer acquisition and retention issues affecting businesses locally, nationally, and internationally. | 6. Apply systems thinking and reasoning to create business development and solve elicitation and collaboration issues.		Association to Advance Collegiate Schools of Business (AACSB)
Strategic Management & Operations	Bachelor's Degree	International Business, B.S.	52.1101	The Bachelor of Science in International Business produces graduates ready to assist companies with their international operations. Degree skills sets include import/export management, international marketing, international finance, cross-cultural communications, business-level proficiency in a foreign language, international management, analytical thinking, and problem solving. Practical knowledge is gained by requiring each graduate to take at least one professional industry certification exam (business language proficiency exams, CGBP, etc.). Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and internships. Graduates will be prepared to enter the job market in a wide variety of industries such as: technology, manufacturing, marketing, financial services, healthcare, and supply chain. In addition, this degree will provide vital international relations skills for those who wish to enter the US Foreign Service.	1. Exhibit quantitative and qualitative reasoning skills applied to a variety of international business problems. | 2. Analyze case studies to present solutions to international business problems. | 3. Apply a variety of tools from the fields of marketing, finance, management, and organizational behavior to solve international business development problems. | 4. Assess international cultural problems and propose solutions. | 5. Assess and analyze business problems and present a course of action in a foreign language.		Association to Advance Collegiate Schools of Business (AACSB)
Strategic Management & Operations	Bachelor's Degree	Operations and Supply Chain Management, B.S.	52.0205	The BS in Operations and Supply Chain Management is aimed at producing career-ready graduates in operations and supply chain management to meet the growing demand for employees with this skill set. Students become career-ready through a program of study consisting not only of a theoretical base in making good business operating decisions but also a hands-on, practical approach to learning. Practical knowledge is gained by not only offering but requiring each graduate to sit for at least one professional industry certification exam (Domo, Lean, Six Sigma, Project Management), and complete either an internship or an independent study applying skills and tools learned throughout their coursework. Further, students will benefit from the program's connection with industry leaders who advise program directors regarding course offerings and course content that is most valuable on the job market. Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects, internships, and full-time employment post-graduation. Students will gain knowledge in core topics such as analytics for business decisions, business decision optimization, supply chain management, simulation for business applications, and quality management tools and techniques (Lean, Six Sigma, Theory of Constraints, etc.). Graduates will be prepared to enter the job market in a variety of industries such as technology, healthcare, supply chain, manufacturing, distribution, and logistics.	1. Exhibit quantitative reasoning skills in the application to a variety operations and supply chain problems. | 2. Understand, conduct, and present (in both written and oral formats) quantitative business solutions. | 3. Apply a variety of forecasting, simulation, optimization, and other mathematical and statistical tools to a number of business problems. | 4. Approach, synthesize, and analyze operations and supply chain problems using quantitative and qualitative techniques, and state-of-the-art software packages. | 5. Understand operations and supply chain issues affecting businesses locally, nationally, and internationally. | 6. Understand systems and process thinking and reasoning as they approach operations and supply chain issues and/or face ethical dilemmas in their school work and future careers.		Association to Advance Collegiate Schools of Business (AACSB)

Woodbury School of Business - Undergraduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Accounting	Undergraduate Certificate	Accounting, Certificate of Proficiency	52.0302	The Certificate of Proficiency in Accounting prepares people for employment in entry-level accounting positions, whether or not they have obtained a degree. The certificate also allows those individuals who earned degrees outside of accounting to obtain a credential to increase their value to their current or future employers.	1. Process and apply accounting transactions into an accounting system. 2. Prepare the basic financial statements manually and within an accounting system. 3. Analyze results of financial information via ratios, relationships, and variance analysis to aid decision making.		
Finance and Economics	Undergraduate Certificate	Financial Planning, Certificate of Proficiency	52.0804	This certificate adds to the Woodbury School of Business flexibility to meet the needs of individuals seeking to complete the educational requirement to sit for the Certified Financial Planning Board's professional accreditation. It provides the required seven courses in a residential setting for individuals who already have a bachelor degree but lack these required courses. It will supplement the existing bachelor program in Personal Financial Planning and the online seven course program the Woodbury School of Business currently offers in collaboration with Dalton Education.	1. Apply ethical and fiduciary standards in a financial planning situation. 2. Evaluate a client's financial situation and develop sound financial planning recommendations. 3. Calculate present and future values, interest rate, payment and number of payments of a client's financial goal. 4. Analyze a client's investments based on a client's unique financial situation.		
Marketing	Undergraduate Certificate	Digital Marketing, Certificate of Proficiency	52.1404	The Certificate of Proficiency in Digital Marketing includes courses that teach social media marketing, digital advertising, web analytics, content and email marketing, and conversion optimization. Certification signals digital marketing capability to current employers. The certificate provides an opportunity for professionals to retool and stay current with ever-changing industry trends.	1. Analyze quantitatively and qualitatively market conditions to gain insights that inform marketing strategy and campaigns. | 2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other important market factors. | 3. Create digital marketing campaigns with appropriate use of digital advertising, social media, and web analytics.		
Marketing	Undergraduate Certificate	Product Management, Certificate of Proficiency	52.1401	The Certificate of Proficiency in Product Management includes courses that teach product management, marketing research, data collection and analysis, marketing fundamentals, customer behavior, and services marketing including SaaS marketing. Certification signals product management capability to current employers. The certificate provides an opportunity for professionals to retool and stay current with ever-changing industry trends.	1. Analyze quantitatively and qualitatively customer needs that inform product development. | 2. Determine which firm constraints should inform product development. | 3. Create customer personas and journey maps supporting product development. | 4. Communicate effectively with customers, designers, developers, engineers, and other product stakeholders in the product development effort.		
Marketing	Undergraduate Certificate	Professional Sales, Certificate of Proficiency	52.1999	Contact the department for information	1. Demonstrate effective prospecting and approach skills using customer-centric professional selling principles. | 2. Develop an effective sales management plan for organizing, staffing, training, and motivating a sales force. | 3. Evaluate the effectiveness of a sales funnel implemented using industry standard tools. | 4. Demonstrate effective execution of the entire sales process, from research to close, with real-life products and prospects.		
Organizational Leadership	Undergraduate Certificate	Hospitality Management, Certificate of Proficiency	52.0901	The Institutional Certificate of Proficiency in Hospitality Management is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency with a focus on career and technical education while still enrolled in high school. This certificate will also be available from the University for college students/adults looking for entry-level skills leading to further academic advancement. This certificate is designed to stack into certificate and associate degrees at UVU. Students learn about a wide range of hospitality and tourism areas such as: hotel, resort, and motel management; event planning; restaurant and institutional food service; and a number of other areas such as cruise ship management, amusement park management, convention and visitor facilities, and gaming facilities.	1. Students will have a foundation to allow them to continue on to an associate's or bachelor's degree in Hospitality Management and completing this will shorten the time it takes to complete those programs.		
Organizational Leadership	Undergraduate Certificate	Leadership Studies, Certificate of Proficiency	52.0213	The leadership studies certificate focuses on applying, analyzing, and evaluating effective leadership approaches. The certificate emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the certificate is to prepare students for career growth and for leading organizational success.	1. Apply leadership theories to real-life situations. | 2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice. | 3. Apply critical analytical and problem-solving skills to identify and solve leadership problems and issues.		
Organizational Leadership	Undergraduate Certificate	Leadership Studies - Nonprofit Organizations, Certificate of Proficiency	52.0206	The leadership studies - nonprofit organizations certificate focuses on applying, analyzing, and evaluating effective leadership approaches. It focuses on leadership development in the nonprofit sector. The certificate emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the certificate is to prepare students for career growth and for leading organizational success in nonprofit organizations.	1. Apply leadership theories to real-life situations. | 2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice. | 3. Apply critical analytical and problem-solving skills to identify and solve leadership problems and issues. | 4. Engage in the development process by cultivating donors, raising money through donations, sponsorships, and grants to support nonprofit organizations.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Organizational Leadership	Undergraduate Certificate	Organizational Leadership and Change, Certificate of Proficiency	52.0213	The Organizational Leadership and Change Certificate of Proficiency is an industry certificate that will help both industry professionals interested in bolstering their leadership and change competencies and capabilities, as well as any current UVU student interested in earning a stackable credential on top of their major. Students will learn about ethical decision making within an organizational context, leadership theories and their application to practice, effective people management strategies, and how to effectively lead change initiatives within organizations. Completion of this certificate will allow students to signal organizational leadership and change management expertise to potential or current employers and add organizational leadership and change to round out their portfolio of abilities.	1. Comprehension of major legal theories, laws and policies necessary for effective HRM and organizational leadership | 2. Effectively respond to organizational opportunities through analytical thinking, problem-solving, ethical awareness, oral and written communications, effective teamwork | 3. Ability to design and strategically implement job design, recruitment, selection, retention, training and development, performance management, organizational development, change management, compensation and benefits, HRIS, and people analytics		
Strategic Management & Operations	Undergraduate Certificate	Business Management, Certificate of Completion	52.0201	Students completing this program of study may receive a Certificate of Completion in Business Management.	Contact the department for information		
Strategic Management & Operations	Undergraduate Certificate	Data Analytics and Decision Making, Certificate of Proficiency	52.1302	The Certificate of Proficiency in Data Analytics and Decision Making provides a skill set of recognizing the importance of data for solving operational, tactical, and strategic level organizational problems. Students will learn how to evaluate the characteristics, capabilities, and limitations of digital data as well as understand data-related laws and ethical practices. Courses cover topics related to the data analytics process, business rule modeling, data transformation, data management, applied statistics, data visualization, storytelling, and the ethical considerations of data analytics.	Contact the department for information		
Strategic Management & Operations	Undergraduate Certificate	Entrepreneurship, Certificate of Proficiency	52.0701	Students minoring in the business management area of entrepreneurship will be exposed to and practice the skills needed by entrepreneurs in starting and developing their own businesses or growing the business of another entrepreneur.	Contact the department for information		
Strategic Management & Operations	Undergraduate Certificate	Operations Management, Certificate of Proficiency	52.0205	The Certificate in Operations Management gives graduates specialized skills in the analysis of how businesses manage processes to improve organizational functions. Graduates learn principles of scheduling, production, inventory management, quality management, lean processing, and other activities required for efficient organizational functions.	1. Graduates will have a functional and integrated knowledge of basic general business concepts and disciplines. | 2. Graduates will be able to effectively express their knowledge and ideas appropriately in written form. | 3. Students will be able to understand and demonstrative an understanding of quantitative literacy. | 4. Students will acquire oral communication skills required in the business world today to be successful. | 5. Students will use analytical thinking as a linear and focused process, with one thought following the other in a streamlike formation. They will use critical thinking as it occurs in a circular form until a conclusion is drawn.		
Strategic Management & Operations	Undergraduate Certificate	Process Improvement and Operations CA, Certificate of Proficiency	52.0205	The Utah Leads CP in Process Improvement and Operations CA is aimed at producing career-enhanced graduates in operations management to meet the growing demand for employees with this skill set. Students can enhance their careers through a program of study consisting not only of a theoretical base in making good business operating decisions, but the program also takes a hands-on, practical approach to learning. Practical knowledge is gained by not only offering, but requiring, each graduate to sit for a professional industry certification exam in lean management, as well as other applicable, hands-on projects with industry partners applying skills and tools learned throughout their coursework. Further, students will benefit from UVU's program connection with industry leaders who advise program directors regarding course offerings and course content that is most valuable on the job market. Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and in-class guest speakers. Students will gain knowledge in core topics such as analytics for business decisions, business decision optimization, supply chain management, process improvement tools and methodologies, and quality management tools and techniques (lean, six sigma, theory of constraints, etc.). Graduates will be prepared to enter the job market as operations professionals in a variety of industries such as technology, healthcare, supply chain, manufacturing, distribution, and logistics.	1. Exhibit quantitative reasoning skills in the application to a variety operations problem. | 2. Understand, conduct, and present (in both written and oral formats) quantitative business solutions. | 3. Apply a variety of forecasting, optimization, and other mathematical and statistical tools to a number of business problems. | 4. Approach, synthesize, and analyze operations problems using quantitative and qualitative techniques, and state-of-the-art software packages. | 5. Understand operations issues affecting businesses locally, nationally, and internationally. | 6. Understand systems and process thinking and reasoning as they approach operations issues and/or face ethical dilemmas in their schoolwork and future careers.		

Woodbury School of Business - Minors							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Accounting	Minor	Accounting, Minor	52.0301	A Minor in Accounting will prepare students in any major to speak the language of business. Students will receive extensive coverage of both financial and managerial accounting, with the opportunity to pursue other accounting areas of study including: financial accounting, audit, information systems, or tax.	Contact the department for information		
Finance & Economics	Minor	Economics, Minor	45.0601	Contact the department for information	Contact the department for information		
Finance & Economics	Minor	Finance, Minor	52.0801	The Minor in Finance is intended for graduates from other disciplines to learn the basic analytical skills of financial management, investment, and related financial services industry functions.	1. Students will be effective at corporate financial management. | 2. Students will be knowledgeable of the valuation of certain asset classes. | 3. Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.		
Finance & Economics	Minor	Risk Management, Minor	52.1304	The Minor in Risk Management will help prepare students for possible Chartered Property Casualty Underwriter (CPCU) credentials. It focuses in depth on foundations of risk management and insurance, enterprise risk management, business law for insurance, commercial property risk management and insurance, and commercial liability risk management and insurance. In addition, students will achieve further distinction by complementing their demonstrated expertise in insurance issues with a mastery of general management principles finance, operations, and leadership.	1. Apply risk management and enterprise risk management principles and practices. | 2. Interpret how risk management techniques can be used to address an organization's property loss exposures. | 3. Define how to apply relevant principles of United States law to the business of insurance and risk management. | 4. Interpret how risk management techniques can be used to address an organization's commercial liability loss exposures. | 5. Interpret how risk management techniques can be used to address an organization's commercial exposures.	Certified Risk Management Professional (CRMP) & Chartered Property Casualty Underwriter (CPCU)	
Marketing	Minor	Marketing, Minor	52.1401	The Marketing Department offers students three different tracks in the marketing minor, each providing a theoretical and in-depth professional preparation in the field. The first is the Marketing Management track, which provides a broad base of experiential classes and the most flexibility in scheduling for employed students. The second is the Digital Marketing track, which provides courses in internet marketing, social media, and web analytics. The newest track is Professional Selling, which prepares students for a career in sales with courses in personal selling, sales management, and sales analytics. Whichever track is chosen, a professional internship is highly encouraged.	1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans. | 2. Develop an effective marketing plans that accounts for customer differences and preferences, competition, and the impact of other relevant market factors. | 3. Improve a customer solution through the effective use of product management best practices. | 4. Recommend digital marketing campaign improvements in the areas of digital advertising and social media. | 5. Demonstrate an effective sales approach using customer-centric sales principles.		
Strategic Management & Operations	Minor	Business Management, Minor	52.0201	Students minoring in business management may have their Bachelor of Science (whether in Business Management or in another field) endorsed with a Minor in Business Management.	Contact the department for information		
Strategic Management & Operations	Minor	Entrepreneurship, Minor	52.0701	Students minoring in the business management area of entrepreneurship will be exposed to and practice the skills needed by entrepreneurs in starting and developing their own businesses or growing the business of another entrepreneur.	Contact the department for information		
Organizational Leadership	Minor	Event Planning, Minor	52.0907	The Minor in Event Planning will require eighteen credit hours of courses currently being offered. The minor provides undergraduate Woodbury Business students an official designation on their transcript, highlighting their specific qualifications in this area. The courses in the minor offer students the opportunity to learn event planning management techniques needed to successfully plan, manage, and execute events. Students who complete these classes will have a clear designation highlighting their preparation for this particular set of skills.	1. Apply the major concepts, skills and values of the event industry by integrating the concepts of marketing, finance, design, and operations in the management of a range of events. | 2. Plan and manage a live event from inception to implementation to evaluation. | 3. Communicate effectively to diverse audiences. | 4. Apply critical thinking and problem solving to management decisions for events. | 5. Demonstrate leadership skills and adapt them to a diverse global market in the event industry.		
Organizational Leadership	Minor	Human Resource Management, Minor	52.1001	The HRM minor will provide students with practical and applied skills, experience in applying those skills, and a variety of intellectual tools to help them understand HRM in any organization. The proposed classes, engaged pedagogy, and instructors will aim to prepare students for staffing organizations, setting and advising procedures for recruitment, interview, and placement. Additionally, students will be prepared for carrying out disciplinary action, tracking leave and absences, and ensuring the health, safety, and development of organizational employees. Students who obtain an HRM minor will also be understand labor law issues.	1. Students will demonstrate competence in understanding the functions of a Human Resources department | 2. Students will demonstrate abilities to identify ways to hire high potential job candidates for organizations through effective recruiting and selection methods | 3. Students will demonstrate an understanding of organizational reward systems and the financial implications of these systems | 4. Students will demonstrate knowledge about the issues related to managing employee performance | 5. Students will demonstrate understanding of programs related to managing employees and their ethical implications | 6. Students will demonstrate their knowledge of the regulatory and ethical frameworks influencing employee health, safety, and security.		
Organizational Leadership	Minor	Leadership Studies, Minor	52.0213	The leadership studies minor focuses on applying, analyzing, and evaluating effective leadership approaches. The minor emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the minor is to prepare students for career growth and for leading organizational success.	1. Describe traditional leadership theories and current trends in emerging leadership philosophies. | 2. Apply leadership theories through critical thinking discussions and activities. | 3. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice. | 4. Demonstrate critical analytical and problem-solving skills to identify and solve leadership problems and issues. | 5. Develop self-awareness of leadership strengths and weaknesses.		

Department	Program Type	Program Title	CIP Code	Program Description	Program Learning Outcomes	Certification/Professional Licensure	Specialized Accreditation
Organizational Leadership	Minor	Leadership Studies - Nonprofit Organizations, Minor	52.0206	The leadership studies - nonprofit organization minor focuses on applying, analyzing, and evaluating effective leadership approaches. It focuses on leadership development in the nonprofit sector. The minor emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the certificate is to prepare students for career growth and for leading organizational success in nonprofit organizations.	1. Apply leadership theories to real-life situations. | 2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice. | 3. Demonstrate critical analytical and problem-solving skills to identify and solve leadership problems and issues. | 4. Engage in the development process by cultivating donors, and raising money through donations, sponsorships, and grants to support nonprofit arts organizations.		
Reserve Officers' Training Corps (ROTC)	Minor	Military Science, Minor	28.0301	The ROTC program at UVU trains and prepares cadets to commission and become officers in the United States Army. Classes taught in the program include Army history and structure, small unit tactics and movement techniques, leadership and management techniques and strategies, and physical fitness. The program is designed to be complementary to a school environment, with the emphasis placed on school completion and graduation. Upon completion of their college degree, cadets will also commission as second lieutenants in the United States Army, becoming junior leaders in their respective organizations.	Contact the department for information		

Woodbury School of Business - Master's Degrees							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Accounting	Master's Degree	Master of Accountancy, M.Acc	52.0301	The Master of Accountancy (MAcc) degree prepares students for professional positions in accounting with potential for advancement throughout their career. It qualifies students for entry-level positions in public accounting, industry, government, and not-for-profit organizations. The MAcc qualifies students to sit for the Uniform CPA Examinations in the State of Utah, a necessary step in becoming a Certified Public Accountant (CPA). It also provides a base to pursue related certifications as Certified Internal Auditor (CIA), Certified Management Accountant (CMA), and Certified Fraud Examiner (CFE). Ultimately, a MAcc can lead to a wide variety of significant leadership positions in accounting and business including CFO and CEO.	1. Perform accounting, auditing, and taxation responsibilities expected of newly licensed Certified Public Accountants. | 2. Analyze accounting information to provide recommendations and solutions to business decisions and challenges. | 3. Demonstrate professionalism through interpersonal skills and collaboration. | 4. Formulate accounting and auditing solutions based on ethical principles.	Certified Public Accountant CPA	Association to Advance Collegiate Schools of Business (AACSB)
Business	Master's Degree	Master of Business Administration, M.B.A.	52.0201	The UVU Master of Business Administration is an applied graduate degree that reflects the Woodbury School of Business's commitment to teaching excellence and engaged learning. Our curriculum teaches critical skills in leadership, teamwork, ethical decision making, economic and financial analyses, and critical thinking. Course offerings include accounting, finance, strategy, marketing, operations, technology management, and people management. The program includes an international trip as part of an applied consultancy course. The program culminates with a comprehensive real-life consulting project with a company. The Master of Business Administration program at Utah Valley University offers both a one-year accelerated option and a two-year plan for working professionals which embraces the university's designation as an engaged learning campus. The MBA program is AACSB accredited.	1. Graduates will be able to express their knowledge and ideas appropriately in writing and through verbal presentation. | 2. Graduates will be able to utilize appropriate procedures, frameworks, models, and experience to gain knowledge, solve problems, and make appropriate decisions based on various informational sources such as data, written and verbal communication, process analysis, and creative thinking. | 3. Graduates will have a functional and integrated knowledge of basic general business concepts and disciplines. | 4. Graduates will be aware of their responsibility to behave ethically in their professional lives (e.g., clients, customers, employers, society, profession, environment, and community). | 5. Graduates will have a global perspective and understand cultural differences. | 6. Graduates will apply business processes to developing solutions for realistic problems both in the classroom and/or the larger community.		Association to Advance Collegiate Schools of Business (AACSB)
Finance & Economics	Master's Degree	Master of Financial Planning and Analytics, MFPA	52.0801	The Master of Financial Planning and Analytics (MFPA) degree program prepares students for professional positions in financial planning and financial analytics. Our curriculum is also designed to help our students progress towards professional certifications, including the CERTIFIED FINANCIAL PLANNER(TM) (CFP®) certification and the Chartered Financial Analyst (CFA®) certification. Students with foundational courses in financial planning or financial analytics can further expand their existing knowledge by selecting relevant elective courses in new areas of study. With extensive connections to firms across the nation, we seek to provide the best graduate education possible in financial planning and financial analytics.	1. Apply financial and behavioral theories to investment analysis, portfolio construction, and other financial decisions. | 2. Evaluate challenges and opportunities that financial professionals, individuals, and firms face using financial ratios and other analytics. | 3. Develop research skills through appropriate methods and analytics for individual and institutional investors. | 4. Communicate effectively as competent and ethical financial professionals.	Chartered Financial Analyst (CFA) & Certified Financial Planner (CFP)	Association to Advance Collegiate Schools of Business (AACSB)

Woodbury School of Business - Graduate Certificates							
Department	**Program Type**	**Program Title**	**CIP Code**	**Program Description**	**Program Learning Outcomes**	**Certification/Professional Licensure**	**Specialized Accreditation**
Business	Graduate Certificate	Finance, Graduate Certificate	52.0801	The Woodbury School of Business MBA program offers a Graduate Certificate in Finance that provides an introduction to the global securities market and its role in capital formation, wealth-creation, economic development, risk mitigation, wealth management, and other finance-related goals. Courses focus on international corporate finance transactions and the currency implications of financial statement translations. Bloomberg Terminals are used extensively for company and industry analyses.	1. Analyze the three primary financial statements, including income statement, balance sheet and cash flow statement | 2. Apply financial concepts into an international perspective | 3. Describe key aspects of the global securities market and its role in capital formation, wealth-creation, economic development, risk mitigation, wealth management, and other finance-related goals		
Business	Graduate Certificate	Healthcare Management, Graduate Certificate	51.0701	The Graduate Certificate in Healthcare Management is designed for professionals who want to enhance their proficiency and breadth of healthcare knowledge. It provides individuals with an understanding of the context, management, and issues for healthcare organizations. It prepares students for a career in a healthcare environment by providing additional management skills and knowledge, including healthcare systems, healthcare policies, and healthcare population management affecting the healthcare delivery system.	Contact the department for information		
Business	Graduate Certificate	Management, Graduate Certificate	52.0201	The Woodbury School of Business MBA program offers a Graduate Certificate in Management that examines the strategic needs of any organization and how the function of information systems assists operations. Utilizes advanced topics in operations research that develop decision-making processes for complex organizations and systems. Identifies creative methods to analyze problems, develop alternative decision-making strategies, and optimize business and organization processes.	1. Develop a sound understanding of the critical role of supply chain management in today's business environment | 2. Apply current supply chain theories, practices, and concepts utilizing case problems and problem-based learning situations. | 3. Utilize critical management skills such as negotiating, working effectively within a diverse business environment, ethical decision making, and information technology use. | 4. Apply effective written and oral communications, critical thinking, team building, and presentation skills to business problems.		
Business	Graduate Certificate	Marketing, Graduate Certificate	52.1401	The Woodbury School of Business MBA program offers a Marketing Graduate Certificate that teaches conceptual frameworks and analytical tools for marketing decision-making from a cross-functional and strategic orientation. Focuses on understanding user needs, forecasting and planning, solution design, managing adoption, and communicating value. Utilizes research tools, such as survey design, experimentation, interviewing, and analytics to collect and analyze data. Focuses on the practice of advanced marketing management topics including brand management, product management, product development, services marketing, pricing and conjoint analysis. Integrates forecasting including diffusion models and other tactics, resource allocation, and managing profit and loss statements. Also integrates marketing communication and distribution concepts and frameworks from digital marketing and ecommerce.	1. Conduct market research that informs marketing management decision-making. | 2. Create a product plan informed by strategic marketing principles, market data, quantitative and qualitative analysis, and appropriate marketing models. | 3. Implement an integrated marketing communications campaign.		
Business	Graduate Certificate	Technology Management, Graduate Certificate	52.1201	The Technology Management Graduate Certificate is designed for professionals who want to enhance technology skills to become proficient in creating, managing, and using technology to accomplish strategic goals while expanding leadership skills in forecasting, business case development, and strategic alliances in technology.	1. Manage technology projects and programs that further business goals and objectives. | 2. Assess a company's information technology infrastructure and core business needs. | 3. Evaluate recommendations for project implementation changes. | 4. Evaluate technologies for implementation to most effectively meet a business's needs.		

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