

history, philosophy, and religion. Develops strong critical thinking, writing, and rhetorical skills.

**HONR 300R**  
**Honors Interdisciplinary Seminar**  
 1 to 4:1 to 4:0 to 3 Su, F, Sp  
 • Prerequisite(s): ENGL 101H and current enrollment in UVU Honors Program or instructor approval.  
 Approaches varied topics from an interdisciplinary perspective. Varies by semester. Specific content determined by faculty. Often team-taught. Consists of rigorous analysis and synthesis of innovative, current or special topics. Involves intensive discussion, reading, writing. May include lab or performance requirement. Topics may be drawn from any academic discipline including but not limited to business, , education, fine and performing arts, physical and biological sciences, health science, humanities, and social sciences. May be repeated for a maximum of 9 credits toward graduation; however, only 3 credits may be applied to honors program requirements.

**HONR 498R**  
**Honors Thesis**  
 3:0:6  
 • Prerequisite(s): Senior status or permission of Honors Director.  
 • Corequisites(s): Enrollment in Honors Program  
 For students completing the Honors Program.  
 Provides an opportunity for seniors in the Program to research and write on a topic related to their major, supervised by a faculty mentor. Includes independent research as necessary. Culminates in the preparation of a written paper and oral presentation describing the results of the research project. Honors Project HONR 499 may be substituted. If a student's major department offers a thesis course, that course may be substituted. May be repeated for a maximum of 6 credits toward graduation.

**HONR 499R**  
**Honors Project**  
 3:0:6  
 • Prerequisite(s): Senior status or permission of Honors Director.  
 • Corequisites(s): Enrollment in Honors Program  
 For students completing the Honors Program.  
 Provides an opportunity for seniors in the Program to research, design, carry out, and report results of an original project related to their major, supervised by a faculty mentor. Includes independent research and creative endeavor as necessary. Culminates in the preparation of two short written papers, one preparatory to the project and one evaluating or reflecting on the project's results. Project should be presented publicly, for instance, in a recital, show, portfolio, or other appropriate method in the discipline. May be taken as an extension of research pursued in Honors Thesis 498; may be taken as a substitute for Honors Thesis 498. If a student's major department requires a comparable course (with, for instance, substantial written component), that course may be substituted, with permission of the Honors Director. May be repeated for a maximum of 6 credits toward graduation.

**HUM—HUMANITIES**

**HUM 1010\*\*** HH  
**Humanities Through the Arts**  
 3:3:0 Su, F, Sp  
 Studies the mediums, elements, organization of the various art forms: literature, music, visual arts etc. as part of critical approaches for greater understanding and enjoyment. Draws on other disciplines such as history, philosophy, religion, and the social sciences for context. Critically examines how artworks deal with problems humans faced in the past and what possible strategies they suggest for solving problems facing society today.

**HUM 101H** HH  
**Humanities Through the Arts**  
 3:3:0 F, Sp  
 Studies the mediums, elements, organization of the various art forms: literature, music, visual arts etc. as part of critical approaches for greater understanding and enjoyment. Draws on other disciplines such as history, philosophy, religion, and the social sciences for context. Critically examines how artworks deal with problems humans faced in the past and what possible strategies they suggest for solving problems facing society today.

**HUM 2010** HH  
**Arts in Humanistic Traditions I**  
 3:3:0 F, Sp  
 The first of a two-part series which examines world civilizations through the arts. Studies early societies through the 1600s. Explores formative creative events in history and their relationships to modern issues. Presents perspectives of traditional humanistic values of arts and ideas. Investigates how others have dealt with problems that humans faced in the past, and possible strategies for problem solving that might aid students today.

**HUM 201H** HH  
**Arts in Humanistic Traditions I**  
 3:3:0  
 The first of a two-part series which examines world civilizations through the arts. Studies early societies through the 1600s. Explores formative creative events in history and their relationships to modern issues. Presents perspectives of traditional humanistic values of arts and ideas. Investigates how others have dealt with problems that humans faced in the past, and possible strategies for problem solving that might aid students today.

**HUM 2020** HH  
**Arts in Humanistic Traditions II**  
 3:3:0 F, Sp  
 The second of a two-part series which examines world civilizations through the arts. Studies societies from the 1600s. Explores formative creative events in history and their relationships to modern issues. Presents perspectives of traditional humanistic values of arts and ideas. Investigates how others have dealt with problems that humans face in the past, and possible strategies for problem solving that might aid students today.

**HUM 202H** HH  
**Arts in Humanistic Traditions II**  
 3:3:0  
 The second of a two-part series which examines world civilizations through the arts. Studies societies

from the 1600's. Explores formative creative events in history and their relationships to modern issues. Presents perspectives of traditional humanistic values of arts and ideas. Investigates how others have dealt with problems that humans face in the past, and possible strategies for problem solving that might aid students today.

**HUM 2500**  
**Introduction to Ancient Greek I**  
 6:6:0 Su, F, Sp  
 • Prerequisite(s): ENGL 1010  
 Allows students the opportunity to intensively study the Ancient Greek language at the introductory level. Focuses primarily on Attic Greek. Focuses primarily on grammar and textbook exercises with some analysis of literary and/or philosophical selections in Ancient Greek. Relates particularly to students interested in studying Ancient Greek philosophy or Ancient Greek literature, and offers an important grounding for students interested in studying the New Testament.

**HUM 2510**  
**Introduction to Ancient Greek II**  
 6:6:0 Su, F, Sp  
 • Prerequisite(s): HUM 2500  
 Allows students to continue intensive study of the Ancient Greek language at the introductory level. Focuses primarily on Attic Greek. Focuses primarily on grammar and textbook exercises with some analysis of literary and/or philosophical selections in Ancient Greek. Relates particularly to students interested in studying Ancient Greek philosophy or Ancient Greek literature and an important grounding for students interested in studying the New Testament.

**HUM 281R**  
**Cooperative Work Experience**  
 2 to 9:1:5 to 40 Su, F, Sp  
 • Prerequisite(s): Approval of Cooperative Coordinator  
 Designed for Humanities emphasis students. Credit is earned through paid work experiences in humanities. Students are responsible for obtaining their own employment situations. Students meet weekly with their Cooperative Instructor to cover course objectives and also set individualized objectives. Credit is determined by the number of hours a student works during the semester.

**HUM 290R** GH  
**Independent Study**  
 1 to 3:0 to 3:0 to 12 Su, F, Sp  
 Provides independent study as directed in reading and individual projects. Request must be submitted for approval by the department. Students may do independent study for one, two or three credits with a limit of three credits applying toward graduation with an AA/AS degree.

**HUM 295R** GH  
**Directed Readings**  
 1 to 3:0 to 3:0 to 12 F, Sp  
 Provides an opportunity for second year students to do in-depth research within the Humanities. Study is limited to advanced work beyond that which can be completed in existing, available classes. A proposal must be submitted and approved by the department prior to enrollment.

# Course Descriptions

**HUM 320R**  
**Topics in Humanities**  
 1 to 3:1 to 3:0 F, Sp  
 • Prerequisite(s): ENGL 1010  
 Studies themes, genre, forms, and movements in humanities. Explores individual persons, subjects or genres with relevance to the Humanities. May include: The Beat Generation, Film, Jazz, The Trojan War, John Cage, Depictions of Death. Topics vary. Repeatable up to 6 hours toward graduation.

**HUM 325R**  
**Area Studies in Humanities**  
 3:3:0 F, Sp  
 • Prerequisite(s): ENGL 1010 and (HUM 1010 or HUM 2010 or HUM 2020)  
 Studies literature, philosophy, and the arts of a particular geographical area. Topics vary and may include American, European, Latin American, Asian, Arabian, and African. Repeatable up to 6 hours toward graduation.

**HUM 330R**  
**Period Studies in Humanities**  
 3:3:0 F, Sp  
 • Prerequisite(s): ENGL 1010 and (HUM 1010 or HUM 2010 or HUM 2020)  
 Interdisciplinary study of humanities of a particular period. Topics vary and may include: Ancient Greece, Italian Renaissance, Pre-Columbian Mesoamerica, German Expressionism, The Beat Generation. May be repeated for a maximum of 6 credits toward graduation.

**HUM 3500**  
**Approaches to Humanities**  
 3:3:0 F, Sp  
 • Prerequisite(s): ENGL 1010 and (HUM 1010 or HUM 2010 or HUM 2020)  
 Examines critical approaches to the arts. Introduces students to the debates surrounding critical theory. Presents four aspects of critical theory in broad contexts: Marxism, psychoanalysis, structural linguistics, and gender theory.

**HUM 3800** (Cross-listed with: PHIL 3800)  
**Introduction to Aesthetics**  
 3:3:0 Sp  
 • Prerequisite(s): PHIL 2050 or PHIL 205H and HUM 1010  
 Studies aesthetics as perceived by the disciplines of philosophy, psychology, sociology, anthropology, history, and others. Analyzes art forms, including the visual arts, literature, music, and theater from the perspective of philosophers such as Plato, Aristotle, Kant, Hume, Dewey, Danto, Bell, Collingwood, Thoreau, and Dickie.

## HVAC—HEATING, VENTILATION, AIR CONDITIONING

**HVAC 1110**  
**Industrial Maintenance 4D**  
 5:5:0 On Sufficient Demand  
 • Prerequisite(s): Departmental written approval  
 A heating ventilation air-conditioning course for Industrial Maintenance apprentices. Teaches processes and skills to troubleshoot and repair room and cab air-conditioning.

**HVAC 1130**  
**HVAC 1B**  
 5:5:0 Sp  
 • Prerequisite(s): HVAC 1200  
 For HVAC apprentices. Covers Rocky Mountain Gas Association certification. Teaches properties of natural gas, appliance installation, heat loss calculation, equipment sizing, and duct design. Completers should be prepared to complete the RMGA certification test.

**HVAC 1150**  
**HVAC 2B**  
 5:5:0 Sp  
 • Prerequisite(s): HVAC 1220  
 For HVAC apprentices and students interested in exploring the HVAC industry. Provides advanced sheet metal practices, duct size and airflow; joining methods, duct mate, cleats, lock, vibration isolators; field measures (field, residential and commercial); and old timers tricks-of-the-trade. Studies air movement, blowers, fans, ventilation systems and drafts, duct systems, dampers, returns, filters, air flow calculations and system balancing.

**HVAC 1170**  
**HVAC 3B**  
 5:5:0 Sp  
 • Prerequisite(s): HVAC 2200  
 For HVAC apprentices. Covers piping and welding procedures, gas welding fundamentals, safety and techniques, arc welding; installation practices, equipment room layout, controls and electric equipment location, rigging, vibration elimination and sound controls. Teaches start-up and servicing controls, compressor motor, condenser, cooling tower, metering devices, chillers, water balancing, hydraulics, fan coil unit and heat pumps.

**HVAC 1190**  
**HVAC 4B**  
 5:5:0 Sp  
 • Prerequisite(s): HVAC 2220  
 For HVAC apprentices. Teaches properties of natural gas, natural gas distribution systems, gas piping systems, combustion air, venting, appliance installation, heat loss calculation, equipment sizing and selection, and duct design. Successful completers should be prepared to complete the RMGA certification testing.

**HVAC 1200**  
**HVAC 1A**  
 5:5:0 F  
 For heating, ventilation, and air conditioning apprentices. Teaches gas properties, gas piping, combustion air and principles of heating. Covers safety and codes, venting, sheet metal tools and safety, basic metals and fittings.

**HVAC 1220**  
**HVAC 2A**  
 5:5:0 F  
 • Prerequisite(s): Departmental written approval  
 For heating, ventilation, and air conditioning apprentices. Teaches concepts of heat, heat loss, heat load calculation, cooling load calculation, ducted warm air systems and room air distribution. Covers duct sizing and layout, air conditioners, electrical safety and fundamentals of magnetism. Teaches power supplies, direct current, resistors and resistance, inductors and inductance.

**HVAC 2200**  
**HVAC 3A**  
 5:5:0 F  
 • Prerequisite(s): Departmental written approval  
 For heating, ventilation, and air conditioning apprentices. Teaches electrical safety, fundamental concepts of magnetism, power supplies, fundamentals of direct current. Covers resistors and resistance, inductors and inductance, capacitors and capacitance. Teaches transformers, voltage=EMF=potential difference, relays, circuit protection devices and supply regulation and filtration.

**HVAC 2220**  
**HVAC 4A**  
 5:5:0 F  
 • Prerequisite(s): Departmental written approval  
 For heating, ventilation, and air conditioning apprentices. Teaches principles of heat flow, air filtration, humidification, moisture, psychometrics. Covers air conditioning systems, duct heaters and furnaces, modulating control, valves, dampers and troubleshooting.

## INFO—INFORMATION SYSTEMS AND TECHNOLOGY

**INFO 1000**  
**Computer Programming Concepts**  
 3:3:0 Su, F, Sp  
 • Prerequisite(s): (MAT 0990 or higher) and [(INFO 1100 with a grade of C- or better) or (Computer Literacy Exam with a score of 70% or higher)]  
 Helps students to gain confidence in logical thinking and expression. Teaches students to read and write in a formal language, learn how to communicate complex ideas simply, decompose problems logically, and gain an appreciation of elegance in program design.

**INFO 1100**  
**Exploring the Digital Domain**  
 3:3:0 Su, F, Sp  
 Examines the digital domain and how it affects every part of our society—home, work, education, and recreation. Studies why computing technology works the way it does. Helps students realize how important it is to learn the basic concepts and skills required for working and living in an information world. Explores how a variety of businesses and individuals use information systems for success. Also provides hands-on experience with a variety of desktop, multimedia, and Internet tools.

**INFO 1120**  
**Information Systems and Technology Fundamentals**  
 3:3:0 Su, F, Sp  
 • Prerequisite(s): (INFO 1100 with a grade of C- or better) or (Computer Literacy Exam with a score of 70% or higher)  
 Explores the fundamental concepts of information technology and the role played by enterprise systems in business and organizational strategy. Introduces types of systems, computer organization and hardware, operating systems and networking, project planning, software development, computer ethics, and career paths for enterprise developers and IT professionals.