ANTH 494. Field Techniques in Archaeology. 4-8 credits (A, F). Laboratory course directed at teaching students the basic field techniques and procedures of historic and prehistoric archaeology. Classroom lectures will present techniques and relevant aspects of method and theory.

ANTH/HIST 496. Research Thesis. 3 credits (A). Students will gather, analyze and interpret archaeological/historical data over two semesters. Students will work on a project that demonstrates theory, research design, data gathering and analysis, culminating in a written thesis. The course meets the capstone requirement for the historical archaeology minor but is also available to students in history and anthropology. Prerequisite: Junior or senior standing.

ANTH 499. Honors Thesis. 6 credits. May be A, B, or C. Three semesters. An independent research topic initiated and completed by qualified senior majors who want to graduate with distinction.

Arabic

ARAB 101. Elementary Arabic I. 4 credits. The fundamentals of modern standard Arabic through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour’s work a week in the language laboratory. If a student has had two or more years of the language in high school, he/she will not receive credit for the course.

ARAB 102. Elementary Arabic II. 4 credits. The fundamentals of modern standard Arabic through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour’s work a week in the language laboratory. If a student has had two or more years of the language in high school he/she will not receive credit for the course. Prerequisite: ARAB 101.

ARAB 109. Accelerated Review of Elementary Arabic. 3 credits. Reviews elementary Arabic grammar, reading, writing, speaking and listening skills in Arabic. One hour of work a week in the language laboratory. For students who have had no more than two or three years of Arabic in high school and qualify through the placement exam. Native speakers are excluded. Prerequisite: Permission of the department head of sufficient score on the foreign language placement exam.

ARAB 111. Intensive Arabic I. 6 credits. The fundamentals of Arabic through intensive listening, speaking, reading and writing. This four-week course is the equivalent of ARAB 101-102.

ARAB 212. Intensive Arabic II. 6 credits. A thorough review of grammar, vocabulary building, conversation, composition and reading at the intermediate level. This four-week course is the equivalent of ARAB 231-232. Prerequisite: ARAB 102 or ARAB 111 or permission of the instructor.

ARAB 231. Intermediate Arabic I. 3 credits. A thorough review of first-year grammar and vocabulary building. Conversation, composition and reading will be chosen to reach competency at the lower intermediate level Arabic. Prerequisite: ARAB 102 or ARAB 111 or permission of the instructor.

ARAB 232. Intermediate Arabic II. 3 credits. A thorough review of grammar and vocabulary building, conversation, composition and reading. Prerequisite: ARAB 231 or permission of the instructor.

ARAB 300. Arabic Grammar and Communication. 3 credits. Intensive training in grammatical structures and their application to oral and written communication. Instruction is in Arabic. Fulfills the College of Arts and Letters writing-intensive requirement for the major. Prerequisite: ARAB 212 or ARAB 232 or permission of the instructor.

ARAB 307. A History of Islamic Civilization, 600-1600 A.D. 3 credits. A study of society, economics, politics, culture and the arts of the Islamic world from the rise of Islam to the establishment of the gunpowder empires (Ottoman, Safavid, and Mughal). Instruction is in English.

ARAB 308. Contemporary Islamic Civilization. 3 credits. A study of society, economics, politics, culture and the arts of the Islamic world, with a focus on the Arabic-speaking regions, from 1700 A.D. to the present. Instruction is in English.

ARAB 320. Arabic Oral and Written Communication. 3 credits. Intensive training in the use of modern, everyday Arabic with emphasis on conversation and composition. Readings in Arabic will provide a context for discussion and writing. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 330. Business Arabic. 3 credits. A study of commercial and trade vocabulary and customs in conjunction with practice in commercial communication, including letter writing, interviews and interpretations.

ARAB 339. Literatures of the Islamic World 600-1500 A.D. 3 credits. A thorough analysis of selected passages from important authors from early Arabic and Persian literature up to the beginning of the 16th century AD. The material studied will include Arabic poetry and prose from the period just before the rise of Islam to about 1500, and Persian poetry and prose from the spread of the use of New Persian in the 10th century to about 1500. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 340. Intermediate Arabic Conversation. 3 credits. Course emphasizes oral communication at the intermediate level. Students will use the vocabulary they have learned in the previous Arabic language classes. In addition, students will acquire new vocabulary from in- and out-of-class conversational situations. Prerequisite: ARAB 212 or ARAB 232 or permission of the instructor.

ARAB 371. Advanced Arabic Grammar and Translation. 3 credits. Arabic/English translation applied in several fields. In this course students analyze the main grammatical differences between Arabic and English with the focus on producing accurate and idiomatic translations into both languages. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 385. The Arabian Nights. 3 credits. An introduction to the vocabulary and language of Arabic press media and to the history of mass media in the Arabic speaking world. The focus is on print and Internet media, although media broadcasting in other forms is also covered. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 428. Muhammad and the Qur’an. 3 credits. A study of the life of the Prophet Muhammad and the contents of his message as found in the “Sira” (his biography), the Qur’an, and the “hadith” (reports concerning his sayings and actions). Instruction is in English. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 446. Special Topics in Arabic Literature. 3 credits. Study of a particular topic in Arabic Literature. May cover all or specific Arabic literature genre. May be repeated if content changes. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 447. Special Topics in Arabic Civilization and Culture. 3 credits. Students will study a particular topic in the civilization and /or culture of Arabic countries. Course may be repeated if content changes. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 448. Special Topics in Arabic Linguistics. 3 credits. Students will study a particular topic in Arabic linguistics. Topics could include an introduction to Arabic sociolinguistics and psycholinguistics. Course may be repeated if content changes. Prerequisite: ARAB 300 or permission of the instructor.

ARAB 490. Special Studies in Arabic. 3 credits. Special topics or independent studies in Arabic. Prerequisite: Permission of the instructor.

Architectural Design

All 200-level ARCD courses are restricted to declared art, art history, graphic design and interior design majors during the fall and spring semesters. ARCD courses at the 300-level and above are restricted to declared ARCD majors. During May and summer sessions, ARCD courses are open to all students who meet the additional stated course prerequisites. Non-majors wishing to enroll in an ARCD course during the fall and spring semesters may request permission of the instructor.

ARCD 200. Architectural Design Studio I. 6 credits. This studio focuses on the design process through the creation of objects and architectural spaces. Projects involve investigations into syntax and design language, program interpretation, materiality, ritual, use and the constructed order of built space. Emphasis is placed on experimentation, risk and play. Design projects will incorporate constructed drawings, sketching, diagramming, model-building and writing.
Design studio building on the fundamentals of ARCD 200. Projects will address both three-dimensional design of spaces and the objects within the spaces. Projects will include questions of ritual, ergonomics, material properties, mechanism and prototypes. Introduction of workshop, digital graphics and photography incorporated in studio work, with an emphasis on practice, under faculty supervision. See MyMadison for current topics. Prerequisite: ARCD 200.

ARCD 208. Portfolio Review. 0 credits.
Portfolio review required to enroll in architectural design courses at 300 level and above. Prerequisite: ARCD 200. Corequisite: ARCD 202.

ARCD/INDU 220. CAD: 3D Modeling. 3 credits.
This course will introduce students to principles used in 3D Cad and BIM modeling. Technologies to draw three dimensionally on the computer will be considered as a discipline within itself, and students will be instructed to use the machine for design exploration. Various software packages will be utilized during the semester.

ARCD 300. Architectural Design Studio III. 6 credits.
Intermediate design studio building upon skills of ARCD 200-202 sequence. Projects will be of greater complexity, scope and technical requirement. Design studies will incorporate drawing, diagramming, models, digital studies and writing. Legal, industry and engineering requirements will be integrated into the learned poetics of design. Prerequisite: ARCD 208.

ARCD 302. Architectural Design Studio IV. 6 credits.
Intermediate design studio building upon skills of ARCD 300. Projects will be an extension of ARCD 300 but with greater complexity, scope and technical requirements. Design studies will incorporate drawing, diagramming, models, digital studies and writing. Legal, industry and engineering requirements will be integrated into the learned poetics of design. Prerequisite: ARCD 300.

ARCD 330. Materials and Methods I. 3 credits.
A lecture course introducing components and materials used in construction and building systems. Prerequisite: ARCD 208.

ARCD 332. Materials and Methods II. 3 credits.
The second lecture class in a required sequence focused on building systems and materials. Topics introduced in ARCD 330 are studied in greater depth with an emphasis on understanding the interrelationships among elements found in a complete construction documents package. Prerequisite: ARCD 330.

Independent activity at the intermediate level, such as research or studio practice, under faculty supervision. Projected studies in any area of the school’s offering must be arranged with the instructors who will direct them. Offered only with the consent of the instructor.

ARCD 392. Topics in Architectural Design. 3 credits. Offering varies.
Study of selected topics in architectural design at the intermediate level. May be repeated when course content changes. See MyMadison for current topics. Prerequisite: ARCD 208.

ARCD 400. Architectural Design Studio V. 6 credits.
An upper-level design studio building upon the design rigor and technical craft acquired in the ARCD 300-302 sequence. Expansion of the design role into collaborative teams, interdisciplinary teams, actual clients, service projects and competition projects. Prerequisite: ARCD 302.

ARCD 402. Architectural Design Studio VI. 6 credits.
Final upper-level architectural design studio culminating in a thesis project. Complete student initiative across every phase of the project. Prerequisite: ARCD 400.

ARCD 440. Professional Design Practices. 3 credits.
Practices and procedures in the architectural design profession. Prerequisite: ARCD 302 or permission of the instructor.

ARCD 470. Contemporary Design Theory. 3 credits.
Seminar format class which explores influential ideas in contemporary design, including critical regionalism, postmodernism, minimalism, the neo-avant-garde, green design, Marxism and post-structuralism. Prerequisite: ARCD 208 and ARTH 206.

Independent activity such as research or studio practice, under faculty supervision. Projected studies in any area of the school’s offering must be arranged with the instructors who will direct them. Offered only with consent of the instructor.

ARCD 491. Studio Assistant. 1-3 credits, repeatable. Offering varies.
An on-campus program monitored on an individual basis designed to provide practical studio experience in the visual arts. Students will learn safe studio practices and management skills, including material use, inventory control and the proper operation of equipment found within various individual classroom studios. Prerequisite: Permission of the instructor.

ARCD 492. Topics in Architectural Design. 3 credits. Offering varies.
Study of selected topics in architectural design at the advanced level. May be repeated when course content changes. See MyMadison for current topics. Prerequisite: ARCD 208.

ARCD 496. Internship. 0 credits.
An off-campus program prepared and monitored on an individual basis. Internships are designed to provide practical experience in professional design settings. Prerequisite: Permission of the instructor.

Art

All ART courses, with the exception of ART 200, are restricted to declared art, art history, graphic design and architectural design majors during the fall and spring semesters. During May and summer sessions, ART courses are open to all students who meet the additional stated course prerequisites. Non-majors wishing to enroll in an ART course during fall and spring semesters may request the permission of the instructor.

ART 102. Two-Dimensional Design (0, 6). 3 credits.
Application and appreciation of the principles and elements of design, with emphasis on line, form, color and texture as applied to two-dimensional space.

ART 104. Drawing I (0, 6). 3 credits.
An introductory course composed of problems in landscape, perspective, figure and still-life in several media.

ART 108. Three-Dimensional Design (0, 6). 3 credits.
A course exploring the basic problems in three-dimensional design.

ART 108. Drawing II (0, 6). 3 credits.
A continuation of ART 104 involving more complex problems with emphasis on composition and expressive possibilities of a variety of media including ink, pencil, conte, charcoal and experimental materials. Prerequisite: ART 104.

ART 200. Art in General Culture. 3 credits. Offered fall and spring.
An exploratory course that aims to develop a non-technical, general cultural understanding of the space arts, such as architecture, painting, sculpture and industrial design. Emphasis is on the contemporary. May be used for general education credit.

ART 205. Foundations Seminar. 3 credits.
A required course for studio art majors focused on the exploration and exchange of ideas related to embarking on a studio art career. Contemporary issues and responsibilities faced by emerging artists are emphasized. Students will investigate various visual art disciplines offered by JMU, write an artist’s statement, and construct a website and digital portfolio. Corequisites: ART 102 and ART 104.

ART 220. Introductory Ceramics: Potter’s Wheel (0, 9). 3 credits.
Explores the aesthetics, conceptualization and design of functional objects. Investigates tactility and the process of realizing form and the effective use of the wheel as a creative tool. Introduces historic and contemporary approaches, firing techniques and glaze application. Prerequisites: ART 102, ART 104 and ART 106.

ART 222. Introductory Ceramics: Handbuilding (0, 9). 3 credits.
Forming techniques will be explored for both vessel and sculptural work. Addresses construction concerns such as timing, structure and mass. Conceptual issues of hand-formation and ceramic sculpture discussed. Introduces historic and contemporary approaches, firing techniques and glaze application. Prerequisites: ART 102, ART 104 and ART 106.

ART 230. Introduction to Fiber Processes (0, 9). 3 credits.
Introduction to and practice in basic weaving and other fiber arts. Emphasis will be placed on floor loom weaving and surface design on the fabric. Prerequisites: ART 102 and ART 104.

ART 240. Metal and Jewelry (0, 9). 3 credits.
An introduction to designing and executing jewelry and related objects through various fabrication and finishing techniques, and the exploration of metal as a medium of personal aesthetic expression. Prerequisites: ART 102 and ART 104.

ART 252. Introductory Painting (0, 9). 3 credits.
Introduction to basic materials and techniques in oil or acrylic painting.

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