IDLS 400. Seminar in Liberal Studies. 3 credits.
Capstone seminar for IDLS students in the humanities/social sciences content area. Students will apply different disciplinary perspectives to a single topic. Course requirements will emphasize superior written and oral communication skills and the integration and application of content area knowledge to the teaching environment. Prerequisites: Students must have completed their IARC core requirements and be within one course of completing the track. Education students should be in their third semester of their teacher education program.

IDLS 486. Internship and Field Experience. 1-6 credits.
IDLS credit for academically-grounded internships and field experiences. Students seeking credit must secure the approval of the department head for the use of academic structures, assignments and evaluation plans provided by qualified internship or field experience supervisors.

IDLS 490. Independent Study in Interdisciplinary Liberal Studies. 3 credits.
Individualized projects in interdisciplinary liberal studies. Prerequisite: Permission of the instructor.

IDLS 499A, B and C. Honors. 1-6 credits.

Interdisciplinary Social Science

Cross Disciplinary Studies

ISS 200. Introduction to the Social Sciences. 3 credits.
The course serves as an introduction to the social sciences. It includes a review of the general content of selected social sciences with emphasis on primary foci, methods employed and perspectives guiding each disciplinary approach. The course will vary each semester according to the interests and specialization of the instructor(s).

ISS 300. Experiential/Service Applications. 3 credits.
Provides students with practical work experience through an internship, service learning program, etc. This experience culminates in the application of knowledge and skills emerging from previous courses. Prerequisite: Junior standing.

ISS 330. Maps, Money and World Trade. 3 credits.
This is an interdisciplinary class designed to help students, especially future teachers, integrate perspectives from various disciplines, especially history, geography, and economics, into a coherent account of an increasingly globalized world. We will pay particular attention to map construction and use (both historical and contemporary) and the relationship between economic ideas and world events, focusing on a variety of case studies over the last millennium.

ISS 400. Senior Seminar in Social Science. 3 credits.
The course builds upon all previous course listings and serves as the final integrating experience providing closure to the interdisciplinary social sciences. Students are expected to integrate theories, research and/or methods from several social science disciplines to present a senior level research paper. The course will vary each semester according to the interests and specialization of the instructor.

Interior Architecture

School of Art, Design and Art History

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

This studio focuses on the design process through the creation of objects and interior spaces. Projects involve investigations into syntax and design language, program interpretation, materiality, ritual, use and the constructed order of built space. Emphasis is place on experimentation, risk and play. Design projects will incorporate constructed drawings, sketching, diagramming, model-building, and writing.

IARC 202. Interior Architecture Studio II. 6 credits.
Design studio building on the fundamentals of IARC 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 IARC 200.

IARC 208. Portfolio Review. 0 credits.
Portfolio review required to enroll in interior architecture courses at 300 level and above. Prerequisite: IARC 200. Corequisite: IARC 202.

IARC/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.

IARC 300. Interior Architecture Studio III. 6 credits.
Intermediate design studio building upon skills of IARC 200-202 sequence. Projects will be of greater complexity, scope and technical requirement. The 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: IARC 208.

IARC 302. Interior Architecture Studio IV. 6 credits.
Intermediate design studio building upon skills of IARC 300. Projects will be an extension of IARC 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: IARC 300.

IARC 330. Materials and Methods I. 3 credits.
A lecture course introducing components and materials used in construction and building systems. Prerequisite: IARC 202.

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

IARC 392. Topics in Interior Architecture. 3 credits. Offering varies.
Study of selected topics in interior design at the intermediate level. May be repeated when course content changes. See MyMadison for current topics.

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

IARC 402. Interior Architecture Studio VI. 6 credits.
Final upper-level interior design studio culminating in a thesis project. Complete student initiative across every phase of the project. Prerequisite: IARC 400.

IARC 440. Professional Design Practices. 3 credits.
Procedures and practices in the interior design profession. Prerequisite: IARC 302 or permission of instructor.

IARC 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: IARC 208. GARTH 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.

IARC 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.

IARC 492. Topics in Interior Architecture. 3 credits. Offering varies.
Study of selected topics in interior design at the advanced level. May be repeated when course content changes. See MyMadison for current topics.
IARC 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.

International Affairs
College of Arts and Letters
INTA 295. Cross-National Research Skills. 4 credits.
Students learn how to conduct research from theory formulation through data collection and hypothesis testing in the field of international affairs. Special emphasis on research and computer literacy. Prerequisite: MATH 220.
INTA 301W: The Washington Semester Experience: Global Affairs. 3 credits.
Part of the "Global Affairs" Washington Semester program, the course entails intensive study of a global theme. The theme's dynamics will be explored in varied settings: localities, nation-states, global geographic regions and international organizations (both governmental and non-governmental). The course provides outlets for engagement with policy actors and institutions based in Washington, D.C., as well as for individual and group experiential learning activities. Prerequisite: Enrollment in the Washington Semester program.
INTA 489. Seminar in International Affairs. 4 credits.
This is the capstone course in the international affairs major. It provides an interdisciplinary overview of the fields within international affairs and an opportunity for students to complete individual research projects on international problems. Prerequisites: Completion of all courses in the core requirement of the major and senior standing.

International Business
College of Business
IBUS 298. Special Topics in International Business. 3 credits.
The course is designed to allow exploration of current topics in international business. Course content will vary. See program director for current content.
IBUS 480. International Business Theory and Policy. 3 credits.
The course is designed to serve as an application of theory for business students to allow them to put the total picture of international business together. Prerequisites: BUS major, senior standing.
IBUS 490. Special Studies in International Business. 1-3 credits.
Designed to give capable students in international business an opportunity to complete independent study under faculty supervision. Prerequisites: GPA of 2.8, recommendation of the instructor and approval of the director prior to registration.
IBUS 494. International Business Internship. 3 credits.
A course providing students an opportunity to work in and with an organization in order to gain insight into the practical side of modern international business operations. Prerequisites: IBUS major, completion of 85 credit hours and COB 300, minimum cumulative GPA of 3.0, and approval of director of International Business program prior to registration.
IBUS 498. Special Topics in International Business. 3 credits.
An advanced course designed to allow exploration of current topics in international business. Course content will vary. See the program director for current content. Prerequisite: COB 300 and permission of the instructor.
IBUS 499. Honors. 6 credits.
See catalog section "Graduation With Honors."

Interprofessional Education
Institute for Innovation in Health and Human Services
IPE 201. Health Professionals in Diverse Communities. 1 credit. Offered fall.
An introduction to skills in professionalism and interprofessional collaboration in addressing local and global health challenges. First year pre-professional health students examine social determinants of health and diverse communities, and learn skills in reflection as they interact with health professionals and faculty. Prerequisite: Membership in the Huber Learning Community.
IPE 202. Health Care Service in Diverse Communities. 2 credits. Offered spring.
This course is the second in a two-course sequence for first year pre-professional health students in the Huber Learning Community. Students examine interprofessional perspectives on complex global health issues and apply skills in professionalism, integration, collaboration and reflection to community-based, experiential service learning. Prerequisites: IPE 201 and membership in the Huber Learning Community.
IPE 220. Adult Health and Development Program. 3 credits. Offered fall.
In this academic course and outreach program to adults age 55+ in the surrounding community, JMU students are trained to work 1:1 with the older adults, to apply aging and intergenerational theory, and to critically analyze the outcomes from their interactions.
IPE/HTH/NSG/SW 314. Rural Health: An Interdisciplinary Approach. 3 credits. Offered May.
Students study, observe and participate in interdisciplinary assessment, planning and delivery of community-based primary health care in partnership with residents and agencies of a host rural county. Learning activities will emphasize rural culture, rural health care and interdisciplinary practice.
IPE 320. Adult Health and Development Program – Leadership. 3 credits. Offered fall.
Both an academic course and an outreach program to adults age 55+ in the surrounding community, this course offers JMU students who have previously participated in the program the opportunity to become senior staff who provide program leadership, oversight and implementation to the program. Prerequisites: Permission of the instructor and completion of one semester of AHDPL.
IPE 391. Introduction to Informatics for Health Care Professionals. 1 credit.
A multidisciplinary introduction to informatics in health care focusing on the implementation of information technology, data, information and knowledge and their applications in health care. Emerging trends and issues are examined.
IPE 401. Workshops in Interprofessional Education and Practice. 0 credits.
IPE workshops offer a time-limited and concentrated focus on issues that are specific to interprofessional education and/or practice.
Healthcare ethics is a shared, relevant concern among health and human service disciplines and is an ideal vehicle for students from different fields to learn about one another's disciplines and to participate in inter-professional team analysis, discussion, and problem solving. We have designed an integrated cross-disciplinary learning experience for students interested in the complex, real-world dilemmas encountered in practice. The readings and activities will emphasize ethical, legal, moral and spiritual issues and principles for practice within the context of communicating in inter-professional teams.
IPE 440. International Health and Human Services in Malta. 4 credits. Offered May.
This May session, study abroad course examines health issues in Malta and provides a team oriented project experience. Project participation, tours and arranged meetings with local experts are used to illustrate health related problems that apply globally and which are compared and contrasted with those in the United States.
IPE/NSG 460. Healthcare Informatics. 2 credits.
This course focuses on the nature and functions of present and future application of health care informatics. Emphasis is on preparing current and future health care professionals to plan, design, collaborate with other health care disciplines, and utilize healthcare informatics for effective health care delivery, health organizational management and improved client outcomes. Prerequisite: Minimum of sophomore standing.
IPE 490. Special Topics in Health and Human Services. 0-4 credits. Offered fall and spring.
This course involves topics of special interest in the area of health and human services but is open to all students. The focus of specific courses is identified for specific offerings. Courses are offered based on faculty and student interests.

Interscience Research
Departments of Biology, Chemistry and Biochemistry, Geographic Science, Mathematics, Physics and Astronomy, and Computer Science
ISCI 450 A, B, C. Interscience Research. 1-4 credits, repeatable to 6 credits.
An investigative experience spanning more than one field of science which may require supervision by multiple faculty members from different disciplines. Students must get prior approval for this course from each of the supervising faculty members and the department head of their program. Prerequisites: Junior status and permission of the instructors.

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