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

IB 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.

IB 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. Prerequisite: IB major, senior standing.

IB 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.

IB 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: IB 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.

IB 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. Prerequisites: COB 300 and permission of the instructor.

IB 499. Honors. 6 credits.
See catalog section “Graduation With Honors.”

Interprofessional Education

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 surrounding community, JMU students are trained to work 1:1 with surrounding community, JMU students are trained to work 1:1 with the surrounding community, JMU students are trained to work 1:1 with residents and agencies of a host rural county. Learning activities will emphasize rural culture, rural health care and interprofessional 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 AHDP.

IPE 391. Introduction to Informatics for Health Care Professionals. 1 credit.
Electronic health records and health apps exemplify how health information technology (IT) is changing health care today. Students will learn how health IT tools and big data can improve communication between health providers, support better patient outcomes and reduce spending on health care. Designed with an emphasis on interprofessional collaborative practice, students will learn about their own and others’ professional roles and responsibilities in achieving health goals using health IT.

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; it is an ideal vehicle for students to learn other discipline perspectives. Students examine dilemmas encountered in practice and apply interprofessional knowledge using a case method of instruction. Readings and activities emphasize interprofessional competencies and ethical principles for practice in the context of respectful communication, analysis and problem solving in interprofessional 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.

Interdisciplinary Science

ISCI 101. Physics, Chemistry and the Human Experience. 3 credits.
A survey of the fundamental concepts, principles and ideas of chemistry and physics. Particular emphasis is placed on understanding the development of the principles and their application in understanding the world around us. May be used for general education credit. Prerequisite or corequisite: One of the following: MATH 103, MATH 107, MATH 205, MATH 220, MATH 231 or MATH 235.

ISCI 104. Scientific Perspectives. 1 credit.
A study of topics selected to allow students to participate in mathematical and scientific problem solving approaches to knowledge. May be used for general education credit. Prerequisite or corequisite as indicated on MyMadison.

ISCI 171. Earth and Planetary Science for Teachers. 3 credits.
This course provides university-level foundations of earth and planetary science for future pk-8 teachers. Content aligns with various teacher competency, and includes such topics as the formation and evolution of the earth and the earth’s solar system, the characteristics of stars, planets, asteroids, and comets, and how earth and planetary science knowledge and technologies function with social context. Hands-on, experiential inquiry will be integrated into the course, as will an exploration of such methods as observation, classification, comparison, measurement, data interpretation, mathematical analysis, inference, prediction, and hypothesis testing. Normally open to IDS majors only, but other students may request admission by special permission. May be used for general education credit.

http://www.jmu.edu/catalog/15