



12/FAL Selected Topics and Learning Community courses

BIO-371-1

Comparative Anatomy (4)

Laungani

M/W/F 8:00-9:50am

cap 16

This course uses an evolutionary perspective to provide an overview of characteristics shared by all chordates and to examine modifications particular to individual classes and orders. Topics such as homology and analogy, adaptation, and the interplay between form and function are emphasized, supplemented by laboratory observations of representative organisms. Students successfully completing the course will understand how studies of chordate evolution may be addressed from an anatomical perspective and, in turn, how the anatomy of various chordate groups has been shaped by evolutionary processes. Students are expected to develop skills in identifying major anatomical structures and their functions, conducting dissections and other laboratory techniques, and applying appropriate terminology to structures, functions, organisms, and evolutionary processes.

GEG-371-1

Geography of Agriculture (3)

Jakubowski

T/TH 1:00-2:15pm

cap 20

This course will study the spatial relationships of agricultural activity around the globe and within the United States. It will study agriculture as a system, and the distribution of agricultural systems globally. This course will attempt to answer the questions: 1) Why does that type of agriculture dominate that region of the world? 2) What are the components of that specific type of agriculture? Agriculture examples to be studied will be slash and burn, nomadic herding, and intensive commercial.

IDS-371-1

Power Up in a Technological World (3)

King

T/TH 9:30-10:45am

cap 20

This course identifies and describes tools that promote the design and delivery of instruction and presentation, including application software that facilitates interaction among instructors, learners and content. The students will explore the potential instructional and learning affordances of new internet technologies and the ways in which they might be used to promote communication and collaboration and to support authentic learning environments.

IST-371-1

User Management & Support (3)

Ward

TH 6:00-9:00pm

cap 12

In this course, students will (a) learn about PC hardware and system maintenance procedures, (b) learn installation procedures, dealing with legacy systems, creating and using emergency repair tools, and managing external devices, (c) learn real-world duties by shadowing a technology professional as part of their course requirements, (d) learn different types of software tools that will be required for them to be successful, and (e) learn tips and tricks to remotely manage client machines and effectively work with end users. *Prerequisite: IST 252*

IST-371-2

Mobile Game Development (3)

Engbretson

M/W/F 11:00-11:50am

cap 12

In this course, students will work through the process of analyzing, designing, and implementing a game application on a mobile platform – specifically an Android-based smart phone. The first half of the course will be a workshop environment in which each student is guided through the creation of a sample game. The second half of the course will involve each student creating a unique game. As a result of the experiences in this course, students will further develop their problem-solving and communication skills, and build skills allowing them to develop mobile applications (specifically for Android-based phones) using current development tools (specifically Eclipse and the Android SDK).

LCM-271-1

A Human Rights Journey (6)

Kalbach & Engebretson

T/TH 1-3:30pm

cap 24

This course will take students on an intellectual journey of seeking *truth* as it relates to the issue of human rights and human wrongs. Students will explore these issues by focusing on the concept of ethics in relation to human thought and behavior. Readings, speakers, field trips, and mock trials will be used as guides on the journey. This journey will include student-developed symposia as other windows into truth(s). *Students who enroll in the learning community will receive credit for LAR-101 and PRE-111.*

PSI-371-1

Research Methods and Pre-Seminar (3)

Hill

M/W/F 3:00-3:50pm

cap 15

This class is an introduction to various research methods and basic statistical techniques, from a political science perspective. Students enrolled in the class will also prepare their seminar projects for completion in PSI 496 in the spring term. Upon completion, successful students will demonstrate an understanding of the scientific method as applied to the social sciences, how research is conducted in political science, what tool or tools are appropriate in the context of a given research question, and how to use data to arrive at truths about the political landscape.