Art Department (Prof. Andreas Rentsch):
ART 345: Digital Photography 1, is an intensive introduction to digital photography and the powerful post-production software Adobe Photoshop. ART 345 counts as a Fine Arts distribution course, and the prerequisites have been removed. The course will be held on T/TH 1:00 – 3:20 p.m. *If you don't have your own dslr camera, I will provide you with one.*

Course description: Advanced study of the concepts and aesthetics of color photography, digital photography, and archival fine art digital printing. Emphasis is on shooting with digital SLR cameras, and the exploration of the creative use of color and light within the photographic medium.

Art Department (Prof. Howard Tran):
The art department is excited to offer a new introductory-level digital art course focusing on 3D modeling for the fall semester. There are no prerequisites and it will satisfy a Fine Arts distribution requirement. ART 150: *Introduction to 3D Modeling and Sculpting*, is offered on M/W 10:15-12:35pm. The images below illustrate the kind of work you would be making in the class.

Course Description: This course introduces students to concepts in 3D modeling and sculpting. Students will learn how to build and manipulate 3D objects, create textures, lighting principles, and rendering.

Biology Department (Dr. Mary Morrison):
May Term course, BIO 252: For the Birds is canceled. Due to the fieldwork component of this course, it cannot be offered in a remote format.
Biology Department (Dr. Bob Smith):
BIO 253: Urban Ecology will be offered this fall as a course appropriate for science and non-science majors. The course will count as a non-lab Natural Science distribution. We will cover the concepts such as energy flows, biodiversity, urban design, sustainability, and other concepts focused on the environmental conditions in cities from a perspective that puts humans at the middle of the discussion. Thus, the course will also cover political, cultural, and social systems that control policy, management, and environmental justice issues in cities. Listed as a 200 level course, it counts for scholars and is intended for sophomore, junior, and senior students.

Business Department (Dr. Georg Grassmueck):
Change: The ACCT 110 prerequisite for BUS 238 has been removed.

New courses: The business department will be offering two experimental courses in the fall with the description below. Both classes will count towards the business major as a 300 level business elective.

BUS 351 – ORGANIZATIONAL THEORY
The aim of this class is to explore the area of organizational theory, looking at organizations from a variety of perspectives, to broaden your understanding of what an organization is and how to study what organizations do. We will look at the history of organizational theory and examine the three major perspectives in current research (modern, symbolic, and post-modern) to develop a richer understanding of how organizations can be understood—and the assumptions we bring with us when we ask and answer questions about them.

BUS 352 – ADVANCED PRINCIPLES IN MARKETING
An advanced study of marketing theory relating to contemporary issues. Emphasis is on providing students with in-depth knowledge of key topics and asking them to critically evaluate the field. Examples of topics covered include branding; customer relationship management (CRM); analytics, E.O.P. media strategy, marketing strategy, and corporate social responsibility and sustainability. Focusing on; advertising roles, principles and procedures; development of creative strategies, media selection-including traditional media as well as nontraditional media, social networking, guerrilla, online, promotion, mobile, and event-basic design, layout and copy development; measures and analytics of advertising effectiveness. Final project includes the development of an integrated campaign using the principles of design thinking.

Center for Enhanced Academic Experiences (Dr. Susan Ross):
CEAE 350 Liberal Arts Practicum: Students interested in this internship-based course should contact the CEAE (ceae@lycoming.edu) for a course application. In the meantime, we recommend registering for a four-course load that does NOT include CEAE 350, and as the student’s internship is confirmed, the student can complete drop/add to add CEAE 350 to the fall schedule.

Chemistry Department (Dr. Charles Mahler):
CHEM 202: The Chemistry of Energy, is a new physical science distribution course with a lab which also counts for the Energy minor. The only prerequisite is to have taken or tested out of MATH 100.
Chemistry Department (Dr. Chriss McDonald):
The department is offering a new course, CHEM 219: Organic and Biochemistry which may count as the third required CHEM course for the Biology major and is appropriate for the Ecology track, as well. Neuroscience majors should consult their advisor and the Neuroscience coordinators for assistance in selecting between CHEM 220 and CHEM 219.

Course description: An introduction to the compounds of carbon in both organic and biochemistry. Topics include the nomenclature, structure, bonding, and spectroscopy of biologically relevant organic functional groups. The biochemistry of monomeric lipids, amino acids, carbohydrates, and nucleic acids will be discussed along with their corresponding biopolymers. The lab will introduce students to organic synthesis, infrared and mass spectroscopy with an emphasis on environmental applications. Three hours of lecture, one hour of recitation, and one three-hour laboratory per week. Not open for credit to students who have received credit for CHEM 220. This course does not count toward the chemistry major. Prerequisite: CHEM 111.

Criminal Justice and Criminology Department (Dr. Justin Medina):
The department of Criminal Justice-Criminology is offering a new course in fall 2020, CJCR 252: Ethics in Criminal Justice. The course is designated as a writing-focused course with no prerequisites. It will count as the Administration of Justice elective for the Criminal Justice major.

Course description: Professional ethics are essential to the proper functioning of the criminal justice system. Brutality, misconduct, corruption, abuse of power, deviance, and dishonesty undermine the public’s perception of and trust in the ability of the criminal justice system to address criminal behavior and protect victims. This applied ethics course evaluates professional ethical dilemmas common throughout the criminal justice system with the goal of reducing justice errors. Students will use the standards set by various criminal justice professions. It also explores the roles of professional organizations, laws, and oversight in responding to ethics violations and establishing ethical policy and procedure.

History Department (Dr. Laura Seddelmeyer):
The department is offering a new course, HIST-101: Topics: Australia which can be used to satisfy a Humanities distribution requirement.

Course description: Australia's history and culture extend far beyond the familiar symbols of koalas, kangaroos, and pristine beaches. This course introduces students to the discipline of history by exploring important events, people, issues, and debates that contribute to the creation of an Australian identity. By exploring historical and cultural perspectives, the course asks what it means to be "Australian" to different people and at different times. The course includes topics such as Aboriginal Australians, British colonization, national mythology and warfare, the environment, immigration, and tourism. HIST-101 explores selected historical problems, themes, periods, or movements. Not open to juniors or seniors except with consent of instructor.
**Math Department (Dr. Mike Smith):**
- MATH 123 is intended ONLY for people who need it to complete a major or minor, or as preparation for a post-graduate program.
- Non-Scholars who are only looking for a Math distribution course should take either MATH 106 or MATH 115, both offered in the fall.
- Scholars who are only looking for a Math distribution course should take either MATH 115 (fall) or MATH 130 (spring)
- *MATH 127 does not count for distribution.*
- If you have an ALEKS math placement score below 31, you are encouraged to retake ALEKS to fulfill the basic algebra requirement. MATH 100 is only offered in the spring semester.

**Modern Language Department (Dr. Andrew Stafford):**
Regarding FRN 315: Introduction to French and Francophone Literature course:
1) *For those students who placed into FRN 252: French for Native Speakers:* Since FRN 252 will not be offered again until Fall 21, this would be an appropriate class to fulfill the language distribution.
2) As a literature class, this course can fulfill distribution for either Fine Arts or Humanities.

**Religion Department (Dr. Pam Gaber)**
Dr. Gaber is offering a new course, ARHI/MDVS-250: Medieval Art and Architecture. This course is cross-listed with the Art History and Medieval Studies prefixes, allowing students the flexibility to count it as a Fine Arts or Humanities distribution course.

*Course description:* This course explores the roots of European culture from the late Roman Empire on. Byzantium and the peoples of Western Europe began to change and coalesce from the 5th century CE to the Renaissance. These changes can be seen in the architecture, art, and the urban realities of the varying regions of Europe. The course guides students through the changes and enables them to compare and contrast these developing cultures. Archaeology elucidates these developments and students learn to conceptualize the history of history by familiarizing themselves with archaeological discoveries and the ways in which these change our perceptions of life in Medieval Europe.