

Le Moyne College

2020 SUMMER SCHOLAR COURSE SCHEDULE - Summer Session I (May 27 - June 30)

COURSE #	COURSE NAME	DAYS	TIME
ART-223-11	Digital Illustration	W	5:00 PM - 8:30 PM (Online Via Zoom)
ASL-330-11	American Sign Language I	MW	6:00 PM - 10:00 PM (Online Via Zoom)
BIO-191 -11	General Biology I	MTWTH	8:30 AM - 10:30 AM (Online Via Zoom)
BIO-191L-11	General Biology Lab	TTH	11:30 AM - 2:30 PM
BSC-201-11	Human Anatomy and Physiology I	MTWTH	5:00 PM - 8:00 PM (Online Via Zoom)
CHM-151-11	Chemical Principles I	MTWTH	12:30 PM–2:30 PM (Online Via Zoom)
CHM-151L -11	Chemical Principles I Lab	TTH	12:00 PM - 3:00 PM (Online Via Zoom)
CJS-100-21/ PSC-100-21	Current Issues in America	ONLINE	ONLINE
CRW-385-11/ ENG-385-11	Creative Writing Workshop	TTH	12:00 PM-4:00 PM (Online Via Zoom)
ECO-113-11	Principles of Microeconomics	MTW	6:00 PM – 8:45 PM (Online Via Zoom)
HST-110-11	World Civilization I	Online	TBA
HST-111-11	World Civilization II	Online	TBA
ITL-101-11	Elementary Italian I	Online	TBA
ITL-103-11	Intermediate Italian I	Online	TBA
MKT-301-11	Principles of Marketing	Online	TBA
MTH-110-11	Intro Statistics I - (no lab)	Online	TBA

MTH-111-11	Intro Statistics I with Computer Lab	Online	TBA
MTH-145-11	Calculus I	Online	TBA
PHY-101-11	Non-Calculus General Physics I	MTWTH	3:45 PM - 5:45 PM (Online Via Zoom)
PHY-103-11	General Physics Lab	TTH	6:00 PM - 8:00 PM (Online Via Zoom)
PSY-101-11	Introductory Psychology	MW	6:00 PM - 10:00 PM (Online Via Zoom)
STA-201-11	Business Statistics I	TBA	6:00PM - 8:30 PM (Online Via Zoom)
THE-202-11	A Rabbi Meets Jesus	Online	TBA

AMERICAN SIGN LANGUAGE

ASL-330 - American Sign Language I

This course is designed for those with no previous knowledge of American Sign Language (ASL). It will introduce learners to the basics of grammatically correct ASL and communication techniques used within the Deaf community. Conversational skills will focus on asking and answering questions, exchanging personal information and talking about everyday activities. This course will present an overview of the various customs, norms, and traditions within Deaf culture. This course may not satisfy foreign language requirements at Le Moyne College. However, this course can be applied toward the language requirements for New York State teacher certification.

BIOLOGY AND BIOLOGICAL SCIENCES

BIO-191 - General Biology I

This course introduces fundamental unifying principles of biology. Topics include the scientific method, biological chemistry, cell structure and function, membranes, energetics, cellular regulation and control, genetics, cell division and evolution. Three hours lecture and three hours laboratory per week. Carries biology major credit.

BIO-191L - General Biology II Lab

BSC-201- Human Anatomy & Physiology I

This course is the first in a two-semester sequence providing a study of anatomy and physiology in the human body. Initial portions of the course will include terminology, cell biology, biological chemistry, and tissues. Body systems covered include the skeletal, muscle, nervous, and integumentary. The cat is the primary dissection specimen in the laboratory. Dissection required. Pre-requisites: none. Three hours of lecture and two hours of laboratory per week. Does not carry biology major credit.

BUSINESS

LAW-200 - Legal Environment of Business

This course provides an introduction to the various ways in which laws and the legal system affect the conduct of business. Students will be encouraged to use their understanding of law and the legal system as a tool in ethical business decision making. Some reference to the impact of law in the international sphere will be included.

ECO-113 - Principles of Microeconomics

In this course the student pursues general understanding of the methodology used in economics. Topics studied emphasize models of behavior of consumers and producers as individual participants in the economic system. No prerequisites.

MKT-301 - Principles of Marketing

An introductory study of the basic principles and problems of marketing. Its relationship to the consumer as well as its role in the operation of profit and non-profit seeking organizations. Emphasis is on an integration of the marketing "mix": product, price, place, promotion as the logical approach to the marketplace.

CHEMISTRY

CHM-151 - Chemical Principles I

An integrated approach to many of the major concepts of chemistry with approximately equal emphasis on general descriptive chemistry and introduction to theoretical chemistry. Topics include atomic and molecular theory, periodic properties, chemical equations and stoichiometry. CHM 151 and CHM 151L are to be taken concurrently, except by permission of the department chair.

CHM-151L - Chemical Principles I Laboratory

This laboratory includes experiments in chemical synthesis, analysis, and composition and physical properties. A variety of techniques are utilized. This laboratory course addresses many of the same topics CHM 151 treats in the classroom. CHM 151 and CHM 151L are to be taken concurrently, except by permission of the department chair.

CHM-223 - Organic Chemistry I

The nomenclature, structure, reactions, preparations and physical properties of organic compounds are studied. Extensive use of reaction mechanisms, resonance theory and conformational analysis is used to correlate a wide variety of reactions. Topics include chemical bonding, saturated and unsaturated hydrocarbons, alkyl halides, stereochemistry, spectroscopy and other functional groups. Special emphasis is on natural products and substances of biological importance. Prerequisites: CHM 152 or equivalent. CHM 223L is to be taken concurrently, except by permission of the department chair.

CHM-223L - Organic Chemistry 1 Lab

This course will introduce fundamental organic chemistry laboratory techniques utilizing primarily microscale chemical reactions. Various skills will be developed, such as synthetic methods, purification methods (distillation, extraction, recrystallization, chromatography) and analytical techniques. The concepts of organic chemistry will be put into practice via the synthesis and study of materials of common use and theoretical interest. Prerequisites: CHM 152 or equivalent. CHM 223 is to be taken concurrently, except by permission of the department chair.

CRIMINAL JUSTICE/POLITICAL SCIENCE

CJS 100/PSC 100 - Current Issues in America

A study of several important issues in contemporary American society and of the manner in which they are being handled by our political system. Among the issues covered are: the energy crisis, nuclear energy, toxic wastes, inflation, recession, government spending, crime, military spending, the arms race and the new religious right. This course does not fulfill requirements for a major in political science; it will carry credit toward a minor.

ENGLISH/CREATIVE WRITING

ENG-385 - Creative Writing Workshop

Intensive practice in the writing and criticism of poetry and fiction. Associated readings geared to the needs of the individual participant. Prerequisite: WRT 101 and ENG 210. Fulfills Core requirement(s): VPA

FINE ARTS

ART-223 Digital Illustration

This course introduces the basic techniques of digital illustration and imagin. Students will create original artwork using Adobe Illustrator. The fundamental tools of this vector art program will be taught through a series of lectures, demonstrations, tutorials, and exercises. Students will create and manipulate images based on formal design principles and conceptual frameworks. Assignments will have an emphasis on concept, creativity, communication, technical achievement, and presentation. There is an additional lab fee of \$25. Fulfills Core Requirement(s): Visual and Performing Arts (VPA).

HISTORY

HST 110 – World Civilizations I

This course surveys the most important developments, issues, accomplishments and problems of World civilizations, provides an introduction to the study of African, Asian, European, Islamic, Native American, and Latin American civilizations, and discusses the relationships among these civilizations to the eighteenth century.

HST 111 – World Civilizations II

This course surveys the most important developments, issues, accomplishments and problems of World civilizations since the eighteenth century and examines the development of African, Asian, European, Islamic, Native American and Latin American civilizations since the eighteenth century. A research paper is required of all students.

ITALIAN

ITL-101 - Elementary Italian I

This course is designed for those students who are beginning the study of Italian. This course includes the essentials of grammar, vocabulary building and composition, together with the reading of easy selections in prose and verse. Classroom audio-lingual practice can be supplemented by audio-taped material in Media Services, located in the library.

ITL-103 - Intermediate Italian I

After a rapid review of the essentials of grammar, students are introduced to an appreciation of the various forms of literary expression in prose and verse. Classroom audio-lingual practice can be supplemented by audio-taped material in Media Services, located in the library.
Prerequisite: ITL 102 or two or three years of high-school Italian.

MUSIC/THEATER

MUS 121/THR 121- Musical Theatre History

Students will study the development of musical theatre, ranging from the dramas of ancient Greece to the megamusicals of today. Students will also study the theatrical review, utilizing this knowledge to critique filmed and live performances. Along the way, students will recognize the link between the development of the musical and societal trends and events. Fulfills Core visual and performing arts requirement. (VPA)

MATH

MTH-110 - Introduction to Statistics I (no Computer Lab)

A data-oriented, applied introduction to statistics. Topics include descriptive statistics, data distributions, random sampling, relationships, confidence intervals and hypothesis testing.

Statistical software will be used throughout this course. Prerequisite: Three years of regents-level mathematics. Students may not take both MTH 110 and MTH 111.

MTH-111- Introduction to Statistics I (with Computer Lab)

A data oriented, applied introduction to statistics; includes a two hour per week computer lab. Topics include descriptive statistics, data distributions, random sampling, relationships, confidence intervals and hypothesis testing. Statistical software will be used throughout this course. Prerequisite: Three years of Regents-level mathematics. Students may not take both MTH 110 and MTH 111.

MTH-145 - Calculus I

A study of differential and integral calculus of one variable and applications. Prerequisite: four units of high-school mathematics or permission of the department chair

PHYSICS

PHY-101 - Non-Calculus General Physics I

An elementary course in physics with topics selected from mechanics of solids and fluids, kinetic theory, and heat. A thorough knowledge of high school algebra and trigonometry is a prerequisite. Because of the integration between PHY 101 and PHY 103, PHY 103 must be taken concurrently.

PHY-103 - General Physics Laboratory

The activities of these laboratory courses are designed to give students taking PHY 101-102 and PHY 105-106 direct experience with the fundamental concepts that are the subjects of those courses, making these laboratory courses an integral part of PHY 101-102 and PHY 105-106. A thorough knowledge of high school algebra and trigonometry is a prerequisite. PHY 103 is a prerequisite for PHY 104. One two-hour laboratory period each full week of classes each semester.

PSYCHOLOGY

PSY-101 - Introductory Psychology

A one semester broad overview of contemporary psychology-its diverse approaches to the understanding of behavior and the basic principles and research findings associated with each of these approaches. Specific areas of psychological inquiry discussed include physiological, cognitive and social psychology; learning, sensation and perception; emotion and motivation; personality and psychopathology. This course is a prerequisite for most psychology courses.

STATISTICS

STA-201 - Business Statistics I

These courses investigate the use of statistical methods in the process of optimizing decisions under uncertainty. Applications in the first semester involve the use of such statistical topics as descriptive statistics, frequency distribution, measures of central tendency and dispersion, probability and sampling theory. The second semester incorporates applications of analysis of variance, regression and correlation analysis, statistical decision making, Bayesian statistical decision making and value theory. Second semester presupposes the first.

THEOLOGY

THE-202 - A Rabbi Meets Jesus: a Jewish-Christian Encounter

In the context of contemporary Jewish-Christian encounter, it is important to identify and to evaluate critically theological concepts which each of these religions teach and believe, including the idea of God, Law, Kingdom, Covenant, Messiah, Holiness, and Sabbath. These theological concepts will be central to this course and will be explored through the study of primary religious texts, doctrines, and theological arguments.