

# UNIVERSITY GENERAL EDUCATION PROGRAM

## Communication (9 hours)

ENGL 1010 (1101) - English Composition - Expository writing, emphasizing content, organization, and style.

ENGL 1020 (1102) - English Composition and Analysis - Expository writing, emphasizing synthesis of ideas, including library work and documented papers.

COMM 2381 - Oral Communication - Basic oral communication with emphasis on listening, critical understanding, and decision making.

## Mathematics (3-4 hours) – Choose one of the following courses:

MATH 1420 (1182) - Foundations of Mathematics (3) - Algebra review and applications; functions, graphs, permutations, combinations.

MATH 1530 (1601) – Statistics (3) - Introduction to statistical reasoning and quantitative thinking.

MATH 1710 (1211) - College Algebra (3) - Analysis of functions, partial fractions, equations, and applications.

MATH 1730 (1213) - College Algebra and Trigonometry (4) - Exponents, radicals, quadratic functions, laws of sines and cosines.

MATH 1830 (1312) - Elementary Calculus (3) - An introductory course to calculus.

MATH 1910 (1321) - Calculus I (4) - Calculus for the following majors: math, computer science, science, and engineering.

## Literature (3 hours) – Choose one of the following courses:

ENGL 2201 - Literary Heritage - Major literary texts emphasizing modes of literary expression and cultural context.

ENGL 2202 - Literary Heritage - Major literary texts with emphasis on African-American culture.

## Humanities/Fine Arts (6 hours) – Choose two of the following courses:

ART 1030 (1101) - Introduction to Art - Fundamental principles of visual artistic expression as the basis for understanding Western and non-Western traditions.

ARTH 2010 (2101) - World Art I - development of visual arts from prehistoric times through the medieval period.

ARTH 2020 (2102) - World Art II - development of visual arts from the medieval period to the present.

CLAS 2481 - Mythology - Thematic study of classical myths and their function in ancient literature.

COMM 1851 - Introduction to Film – Study of the forms, functions and history of film art.

DANC 1151 - Introduction to Dance - Dance as an expressive art form, a symbolic language, and an integral aspect of world cultures.

JDST 2850 - Religions of Abraham - Religious traditions arising from the Near East.

MUS 1030 (MUHL 1101) - Music Appreciation - Music of various Western and non-Western cultures.

MUS 1040 - Music in America - Music history, sources and current styles of American music.

PHIL 1101 – Introduction to Philosophy - Introduction to critical exploration of such issues as knowledge, reality, consciousness and the good life.

PHIL 1102 – Introduction to Ethics - Introduction to such social and ethical questions as, "What makes a happy life? What justifies ideas of good and evil? What is the role of science, religion, sex, and race in society?"

POLS 1101 - Introduction to Ancient Political Thought - Fundamental questions such as “Who should rule? What is justice? What is a good political order? What are the duties of citizens? What is the foundation of morality?”

POLS 1102 - Introduction to Modern Political Thought - Fundamental questions such as “origin of political society, proper rights of citizens, legitimate purposes of government, meaning of justice and good society.”

RLGN 1100 - Introduction to the world's major spiritual traditions from ancient times to the present.

THEA 1030 (1551) - Introduction to Theatre - Experiential, conceptual, historical, and cultural study of theatre.

UNIV 3580 - Hebrew and Greek Legacy - Interdisciplinary examination of major traditions of ancient Hebraic and Greek cultures.

UNIV 3581 - Faith, Reason and Imagination - Interdisciplinary examination of the religious, rationalist, and aesthetic viewpoints as distinctive ways of understanding what is fundamental to human experience.

## #History (6 hours) – Choose two of the following courses:

#Students who have not completed one year of American History in high school must complete 6 credit hours of American History or 3 credit hours of American History plus 3 credit hours of Tennessee History in order to satisfy the History General Education requirement.

ANTH 3282 - Cultural History of American Communities

HIST 1110 (1301) - World Civilization I - Traces civilization from ancient times to the early 1500s.

HIST 1120 (1302) - World Civilization II - Forms of civilization from 1500 to the present.

HIST 2010 (2601) - The United States to 1877. United States from discovery to the end of political reconstruction.

HIST 2020 (2602) - The United States Since 1877

HIST 2030 - History of Tennessee

HIST 3863 - Social and Intellectual History of the United States

HIST 3881 - African-American History

HIST 4851 - History of Women in America

POLS 4212 - Constitutional Law: Civil Liberty

POLS 4405 - Origin and Development of American Political Thought

SOCI 3422 - Racial and Ethnic Minorities

**Social/Behavioral Sciences (6 hours) – Choose two of the following courses:**

- ANTH 1100 - Biological Anthropology and Prehistory - Evolutionary basis of human origins and contemporary biocultural variation; fossil record of primate and hominid evolution; beginnings of human society
- ANTH 1200 - Cultural Anthropology - Origins and development of human culture, social relations, language, government, religion and ritual
- CDFS 2101 - The Family in Global Perspective - Introduction to the family as a primary, global, social institution.
- ECON 2010 (2110) - Introduction to Macroeconomics - Nature and functions of the national economy in a global context.
- ECON 2020 (2120) - Introduction to Microeconomics - Operations of the market economy at the individual and firm level.
- ESCI 1301 (GEOG 1301) - Survey of World Regions - Survey of economic, cultural, and physical traits characteristic of developing and industrialized nations.
- ESCI 1401 (GEOG 1401) - Introduction to Cultural Geography - Geographical aspects of human behavior.
- FIR 1220 Personal Finance Management in Society – Financial literacy.
- HLSC 2100 – Wellness Concepts and Practice - Individual responsibility for achieving optimal well-being through preventive health practices that promote healthful lifestyles.
- INTL 1100 – Introduction to International Studies - An interdisciplinary exploration of economic, human, cultural, and political dimension of globalization.
- JRSM 1700 - Survey of mass communication- History and cultural roles of major forms of mass communication.
- POLS 1030 (1100) - American Government - Development, structure, and processes of the American system of government.
- POLS 1301 - Comparative Politics - Comparisons of institutions, issues, processes and policies in a variety of European, Asian, and African countries.
- POLS 1501 - International Relations – Conflict, competition, and cooperation among global factors in the world arena.
- PSYC 1030 (1200) - General Psychology - Introduction to psychology as a science of behavior; biological bases of behavior; learning; memory; intelligence; motivation; emotion; personality.
- PSYC 3510 - Deviance: Its Role in History and Culture - Emphasis on vilification and glorification of deviant behavior according to time, place and customs.
- SOCI 1010 - Introduction to Sociology – Concepts, methods, and theoretical concepts in sociology.
- SOCI 2100 - Sociology of International Development - Social change in an increasingly interdependent world.
- WMST 2100 - Exploration of racially diverse women's experience, focus on contemporary gender issues; overview of different disciplinary and theoretical approaches.

**Natural Science (8 hours consisting of two courses with corresponding labs)**

- BIOL 1010/1011 (1171/1172) – Biology of Cells/Lab - General overview of cellular structure and function, genes, and biodiversity.
- BIOL 1020/1021 (1181/1182) – Biology of Organisms/Lab - General overview of life; emphasis on structure and function of organisms and biosphere.
- \*BIOL 1110/1111 (1151/1152) - General Biology I/Lab - Unifying principles of biology: cell structure and function, heredity, origin and development of life.
- \*BIOL 1120/1121 (1161/1162) - General Biology II/Lab - Continuation of BIOL 1110: Emphasis on origin and diversity of life.
- CHEM 1010/1011 (1101) - Chemistry of Materials/Lab - Fundamental laws of chemistry and their impact on modern society.
- CHEM 1020/1021 (1102) - Chemistry of Life/Lab - Basics of organic and biological chemistry.
- \*CHEM 1110/1111 (1131/1121) - General Chemistry I/Lab. - Laws of chemistry; periodic table and chemical periodicity.
- \*CHEM 1120/1121 (1132/1122) - General Chemistry II/Lab. - Continuation of CHEM 1110: Physical properties of solutions; acid-based reactions; chemical kinetics and reaction mechanisms; chemical equilibrium; chemistry of elements.
- ESCI 1010 (GEOG 1001/1011, 1010/1011, ESCI 1010/1011) - Weather and Climate with lab included
- ESCI 1020 (GEOG 1002/1022, 1020/1021, ESCI 1020/1021) - Landforms with lab included- geographic relationships of landscapes including volcanic, fluvial, glacial, and coastal environments.
- ESCI 1040 (GEOL 1101, 1040) - Physical Geology - Introduction to processes that form rocks. (pre-requisite of ESCI 1040)
- ESCI 1050 (GEOL 1102, 1050) - Historical Geology - Overview of history of earth and its life as interpreted from rock and fossil record
- ESCI 1103 – The Human Planet – Applications of physical geology to understanding, evaluating and solving problems encountered in the environment by past human populations
- PHYS 1010/1001 - Introductory Physics/Lab - Natural laws of motion, heat, sound, light.
- PHYS 1020/1002 - Survey of Astronomy/Lab - Motions of earth and moon; apparent motion of stars and planets; orbits and properties of bodies in the solar system.
- PHYS 1301/1031- Continuation of PHYS 1020/1021.
- \*PHYS 2110/2111 (2510/2003) - Science and Engineering Physics I - Calculus/ Physics I Lab - Principles of mechanics using methods of calculus.
- \*PHYS 2120/2121 (2520/2004) - Science and Engineering Physics II - Calculus/ Physics II Lab - Continuation of PHYS 2110: Principles of electromagnetism using methods of calculus.
- \*Courses primarily for science majors.

NOTE: The University of Memphis General Education Program consists of 41 hours of coursework from a variety of disciplines. Students should consult their advisors on specific General Education Program courses that may be required for the major.

Former course numbers appear in parentheses.

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