

Survey of Liberal Arts Core Textbooks

Sample texts and chapter headings

Category I: Core Competencies

Group A: Reading and Writing

ENGLISH:1005 College Writing and Research

Sample Texts: *Dress Your Family in Corduroy & Denim; Thank you for Arguing; Little Argument; MLA Handbook for Writers of Research Papers.*

ENGLISH:2015 Craft of Academic Writing

ENGLISH:2120 Critical Writing about Literature

Sample Texts: *How to Read Literature Like a Professor Rev Ed; Poetry Handbook; Tempest; MLA Handbook for Writers of Research Papers; Awakening; Into the Woods.*

UNIV:1059 First Year Cornerstone

Sample Texts: *Zeitoun*

Group B: Speaking and Listening

COMM:1000 Oral Communication

Sample Texts: *Communication: Making Connections*

Understanding of basic communication principles, verbal/nonverbal communication and culture and gender barriers in communication. Development of listening, presentation and intra/interpersonal comm. skills.

UNIV:1059 First Year Cornerstone

Sample Texts: *Zeitoun*

Group C: Quantitative Techniques & Understanding

MATH:1100 Mathematics and Decision Making

Sample Texts: *Mathematical Ideas.*

Sets, logic, problem solving, probability, statistics, mathematical systems, algebra, metric system, geometry, statistics, consumer math, functions, graphs, matrices.

MATH:1201 Mathematical Reasoning for Teaching I

Text: *Mathematics for Elementary Teachers*

Concepts and logic behind how to do/teach topics under MATH:1100 plus numbers and the decimal system, fractions, addition/subtraction/multiplication/ division, geometry of motion/change # theory. Focus on process for finding answer.

MATH:1420 Calculus I

Sample Texts: *Calculus, Single Variable, with Wiley +, TI-83, TI-84, TI-86 Calculator*

Functions, exponents, logarithmic, trig, derivatives, differentiation, integration, constructing antiderivatives

STAT:1774 Introduction to Statistics for Life Sciences

Text: *Biostatistics for the Biological and Health Sciences*

Similar topics to STAT:1772 but with human health emphasis. Also risks/odds, rates of mortality, fertilization, population proportion, mean, variance.

STAT:1772 Introduction to Statistical Methods

Sample Texts: *Discovering the Fundamentals of Statistics*

Describing data with graphs, numerical measurements, bivariate data, probability distributions, discrete distributions, sample distribution, large sample estimation, large sample tests of hypothesis, inference from small samples, analysis of variance, linear regressions and correlation, multiple regression analysis, analysis of categorical data and non-parametric statistics.

CS:1025 Modern Tools for Exploring Data

How computer simulations accurately (or not) depict the world around us. Requires a certain comfort level with abstract thinking, relating formula to computer representation and understanding how the formulae work. Good algebra skills very strongly recommended. Simulations mainly about science (spread of disease, ecology, etc.) but some social science and business representations also presented.

Group D: Personal Wellness

HPELS:1010 Personal Wellness

Sample Texts: *Personal Wellness (loose-leaf)+connect Plus*

Principles of physical fitness, cardio-respiratory endurance, muscle strength and endurance, flexibility, body composition. Developing a comprehensive fitness program, nutrition, weight management, cardiovascular health, cancer, substance use and abuse, sexually transmitted diseases, wellness for life.

Category II: Civilizations and Cultures

Group A: Humanities (These classes have textbooks that provide basic, general background information from which class lectures are usually geared. The following selections are readings that stem from topics discussed in the book as well.)

HUM:1021 Humanities I

Sample Texts: *Western Civilizations, Vol. A; The Bible; Iliad (Trans: Lombardo); The Meditations; Arthurian Romances (W/Rev Intro & Bible)(Trans: O); Divine Comedy Vol. I: Inferno (Trans: Musa) Epic of Gilgamesh; Confessions (trans: Chadwick); Beowulf; Nature of Things.*

HUM:1022 Humanities II

Sample Texts: *Western Civilizations Vol. B; Canterbury Tales (trans: Coghill); Utopia (ed: Wootton); Hamlet Newly Rev Ed; Candide or Optimism (Trans: Cuffe); Apology for a Murder; Merchant of Venice; Treasure of the City of Ladies; Life & Opinions of Tristram Shandy; Gentleman; Doctor Faustus.*

HUM:1023 Humanities III

Sample Texts: *Western Civilizations Vol. C w/ Frankenstein; On Liberty; Sunflower (Rev & Expd); Brave New World P.S. Ed.; All Quiet on the Western Front; Nineteen-Eighty Four; Heart of Darkness; Communist Manifesto*

Group B: Non-Western Cultures

Texts too numerous to review.

Category III: Fine Arts, Literature, Philosophy & Religion

Group A: Fine Arts

PEMES:2034 Survey of Dance History

Sample Texts: *Not Yet Available*

THEATRE:1002 Theatrical Arts and Society

Sample Text: *Art of Theatre Concise Intro.*

Sample playbooks: *Medea; A Doll's House; The Imaginary Invalid; Top dog/Underdog; All My Sons; Curse of the Staving Class; Far Away; Cyrano De Bergerae; Malleson; Henry V; Our Town; Into the Woods.*

MUSIC:1100 Soundscapes: Music and Culture

Sample Texts: *Not Yet Available*

ARTHIST:1004 Visual Perceptions

Sample texts: *The Imaginary World of...; Art Before Breakfast: A Zillion; art as Therapy.*

What is art for, the language of the visual experience (visual communication, visual elements, principles of design, style, evaluation), 2-D media (drawing, painting, printmaking, camera arts and computer imaging), 3-D media (sculpture, crafts – traditional and contemporary), design disciplines, art as cultural heritage, the modern world. Functions of arts (personal, social, physical), styles of art (objective accuracy, formal order, emotion, fantasy), structure of art (visual elements, perceiving the elements), interaction of medium and meaning (painting, sculpture, architecture, photography, film, TV), Non-western art and Western Art.

Group B: Literature, Philosophy or Religion

ENGLISH:1120 Introduction to Literature (depending on section, texts will vary)

Sample Texts: *Literature, Multicultural Literature Package; Death of a Salesman; Bridges of Madison County; Shoeless Joe; A Streetcar Named Desire; The Visit; One Flew Over the Cuckoo's Nest; State Fair; What's Eating Gilbert Grape; Siddhartha; Death in Venice; The Color Purple; Wonderful Wizard of Oz; Making Literature Matter: An Anthology for Readers; In Cold Blood; Doctor Faustus; MacBeth; Christmas Carol; ROAD; Haunting of Hill House; Truth & Bright Water; American Indian Literature; Winter of the Salamander; Hound of the Baskervilles; Frankenstein; Survival of Auschwitz w/ New Afterword In Love & Trouble.*

- RELS:1020 Religions of the World
 Sample Texts: *Koran; Bhagavad Gita: New Translation; Concise Intro to World Religions; Koran; Bhagavad Vita; God is Not One.*
 The religious response, Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, Islam, new religious movements, Native American religions. Depending on section, also discuss aspects of the human experience and religion, religious languages, religious change and ritual and religious actions
- PHIL:1020 Philosophy: The Art of Thinking
 Sample Texts: *Trial & Death of Socrates (trans: Grube); Meditations on First Philosophy (trans: Cress); On Liberty & Other Writings (ed: Collini); Communist Manifesto, Classics of Western Philosophy.*
 Freedom or determinism, God and religion, morality and society, state and society, mind and body, knowledge and science. Readings: Plato, Descartes, Kant, Thoreau, Marx, Dostoevsky. How do I know whether God exists? Does religion give my life meaning? What does science tell me about the world? Which should I believe in: Darwin or Genesis? How is my mind connected to my body? Am I free to choose what I do? What do I justly deserve? How should I make a living? What do I know? Does language make me think the way I do? Who am I? How are my emotions important to me? How should I feel about emotion? What's the meaning of death? What does my race have to do with me? Why should I be selfish? Can there be sexual equality? What's the right thing for me to do?
- FREN:1120 Introduction to Francophone Literature in Translation
 GER:1120 Introduction to German Literature in Translation *May be counted for credit toward German major or minor
 SLAV:1120 Introduction to Russian Literature in Translation
 PORT:1031 Introduction to Portuguese and Hispanic Literatures in Translation
 Texts unavailable

Category IV: Natural Science and Technology

Group A: Life Sciences

- SCIED:1200 Inquiry into Life Science
 Sample Texts: *Inquiry into Life; Exploring the Way Life Works; The Science of Biology; Biology; Concepts and Applied w/ CD; Integrated Science; Biology Now.*
 Study of life: bio, chem., cells; continuity of life: genetics, evolution; diversity of life: multi-cellular life, plants; animal life; human life and body, circulation, nervous system; our living environment: ecosystems, planets.
- BIOL:1012 Life: The Natural World
 Sample Texts: *How the Earthquake Bird Got Its Name and Other Tal; Nonsense on Stilts; Big Questions in Ecology and Evolution; Natural World and You; Remarkable Creatures; Serengeti Rules.*
 Plants and society; plants' relation to products and human health; fungi; environmental science & ecological principles; population, economics & environmental health; food, land & biological resources; physical resources; society and environment; biomes and ecosystems.
- BIOL:1014 Life Continuity and Change
 Sample Texts: *Human Biology Science F/Life with Physiology*
 Overview of biology, cell bio (cells and tissues, cellular architecture), reproduction and development (dev. through aging, reproductive and dev. problems), genetics (linkage, molecular genetics, tech., DNA, gene mutation), animal bio, plant bio, evolution, behavior and ecology (populations, ecosystems, social behavior, environmental concerns), genetic immunity and cancer, genomics
- BIOL:1033 Principles of Microbiology
 Sample Texts: *Not Yet Available*
 Basic concepts and practical applications of microbiology in medicine, immunology, sanitation, and food preparation in daily life. Designed for students majoring in areas other than the sciences. Discussion, 2 periods; lab, 2 periods.
- BIOL:2051 General Biology: Organismal Diversity
 Sample Texts: *Biology; Introductory Zoology Lab Guide; A Photographic Atlas for Biology Lab.*
 Study of organismic biology emphasizing evolutionary patterns and diversity of organisms and interdependency of structure and function in living systems.
- BIOL:2052 General Biology: Cell Structure and Function
 Sample Texts: *Biology (Campbell)*
 Introduction to the properties and functions of biological molecules, organization of living cells, production and utilization of energy, and development of multicellular organisms.

- BIOL:3101 Anatomy and Physiology I
Sample Texts: *Seeley's Anatomy & Physiology*.
Structure and function of organ systems of human body.
- ANTH:1001 Human Origins
Sample Texts: *Understanding Humans; Human Career; History of the Ancient Near East*.
Anthropology, evolutionary theory, human variation and adaptation, overview of primates, hominids through homo sapiens, human lineage, agriculture and domestication, rise of ancient civilization, archeology
- Group B: Physical Sciences
- SCIED:1300 Inquiry into Physical Science
Sample Texts: *Physical Science & Everyday Thinking*.
Study of physical sciences using models as a central theme; Earth, natural phenomenon, formation and structure; physics, atoms, chemistry, earth and space science
- SCIED:1100 Inquiry into Earth Science
Sample Texts: *Good Earth*.
- CHEM:1010 Principles of Chemistry
Sample Texts: *Visualizing Everyday Chemistry*.
Measurements, atoms, formulas, stoichiometry, periodic table, chemical bonds, chemical nomenclature, gasses, solutions, chemical reactions, acids and bases, oxidation and reduction, nuclear chemistry, organic chemistry, biochemistry, genetic engineering, the air we breathe, ions, solvents, energy radiation, manipulating molecules, genetic engineering
- CHEM:1011 Molecules and Life
Sample Texts: *Essentials of General, Organic & Biochemistry; Science Matters*
- CHEM:1020 Chemical Technology
Sample Texts: *Introductory Chemistry Essentials*.
- CHEM:1110 General Chemistry I
Sample Texts: *Chemistry Atoms First w/2 Yr Connect Plus Access C*.
Structure of matter, its physical properties and laws describing them, the periodic table and its relation to atomic structure and chemical properties, and non-metallic elements and their compounds.
- CHEM:1030 Applied General Chemistry
Sample Texts: *Introductory Chemistry for Today*
Basic concepts of chemistry, with particular attention to allied health and nutrition applications.
- CHEM:1130 General Chemistry I-II
Sample Texts: Not Yet Available
Accelerated course for well-prepared students. Content similar to [CHEM:1110](#) and [CHEM:1120](#) but covered in one semester.
- EARTHSCI:1100 Astronomy
Sample Texts: *Investigation Astronomy; Cosmos; Astronomy in New Millennium; SkyGazers Almanac 2017*.
Changing concepts of the cosmos; birth of cosmological models, new cosmic order, clockwork universe, the planets, Earth, moon and Mercury, Venus and Mars, Jovian planets, origin of the solar system, universe of the stars; the sun, stars as suns, star lives, evolution, and universe of galaxies. Lab: Activities in astronomy, observe: moon, planets, sun stars, clusters, plot moon's orbit, star charts, and catalogs
- EARTHSCI:1200 Elements of Weather
Sample Texts: *Atmosphere w/ Mastering Meteorology Access Card; Weather Studies Student E-book 2016/17 w/ access card; Atmosphere*.
Atmosphere, earth's surface, solar/terrestrial radiation, temp., air pollution, condensation & precipitation, moisture/atmospheric stability, air pressure, winds, weather patterns, thunderstorms and tornadoes, hurricanes, weather analysis and forecasting, world climates, changing climate, circulation of the atmosphere, optical phenomena
- EARTHSCI:1300 Introduction to Geology
Sample Texts: *Understanding the Earth w/ CD, Essentials of Geology w/CD, Reading the Rocks; Earth (Loose-Leaf)*.

Planet Earth, minerals, igneous rocks, volcanism, erosion, sedimentary rocks, metamorphic rocks, geologic time scale, rock formation, hydrologic cycles, rivers, glaciers, landscape evolution, oceans, earthquakes, plate tectonics, energy resources, mineral resources.

EARTHSCI:2320 Fossils and Evolution

Sample Texts: *Bringing Fossils to Life, Rivers in Time*

Topics in paleontology, including fossil preservation, systematics, functional morphology, paleoecology, paleobiogeography, and biostratigraphy, with special emphasis on mass extinctions and the role of paleontology in reconstructing evolutionary history. Laboratory studies of major groups of fossil invertebrates.

PHYSICS:1400 Conceptual Physics

Sample Texts: *How Things Work: Physics of Everyday Life.*

Mechanics (linear motion, non-linear motion, Newton's laws, energy, gravity, momentum), properties of matter (atomic nature, solids, liquids, gasses, plasma), heat (temperature, expansion, heat transfer, change of state), sound (vibrations, waves), electricity & magnetism, light, atomic & nuclear physics, relativity

PHYSICS:1000 Physics in Everyday Life

Sample Texts: *How Things Work: Physics of Everyday Life.*

Laws of motion, simple mechanical objects, fluids and motion, heat, thermodynamics, phase transitions, resonance, mechanical waves, electric and magnetic forces, electrostatics, light, optics, nuclear physics, modern physics, electromagnetic waves, material science, chemical physics

PHYSICS:1511 General Physics

Sample Texts: *College Physics Volume 1.*

Algebra-based introductory course covering Newtonian mechanics, gravitation, and thermal physics. Emphasis on conceptual understanding of physical principles through group investigations and lab activities.

PHYSICS:1701 Physics I for Science and Engineering

Sample Texts: *Not Yet Available*

Calculus-based introductory course covering Newtonian mechanics, gravitation, and thermal physics. Lab activities.

GEOG:1210 Physical Geography

Sample Texts: *Exploring Physical Geography.*

Atmosphere and hydrosphere; condition and structure of the atmosphere, radiation, weather systems, climate classification and regionalization dynamics of climate change, the biosphere, climate, soil, plants and animals, global distribution of plants, the Earth's crust, minerals, rocks (igneous, sedimentary, metamorphic) plate movement, land formation, temperature

Category V: Social Sciences

Group A: Socio-cultural and Historical Perspectives

WGS:1040 Introduction to Women's and Gender Studies

Sample Texts: *Full Frontal Feminism; Women's Voices, Feminist Visions.*

SOCSCI:1023 American Civilization

Sample Texts: *Eleanor Roosevelt; Tecumseh; The Life of Fredrick Douglas, An American Slave; Slaughterhouse Five; Samuel Adams; The Jungle; Bound for Glory; Quest for Cosmic Justice; America: New Generation; Andrew Carnegie; Rise of Big Business; American Narrative History; America: Past and Present; Woodrow Wilson; In Defense of Elitism*
Patterns of discovery of America, settlement colonists, 18th C. America, American Revolution, Federalists and Republican expansion, Civil War, Industrial Society to modern America

GEOG:1120 Human Geography

Sample Texts: *Human Geography-custom*

Famine, climates since AD900, monsoons, perspective on climate change, themes of human geography, patterns of diversity, dynamic patterns of the space economy, landscapes of function organization, human actions and environmental impacts, geo., culture, environment, population patterns, geography of religion

GEOG:1110 World Geography

Sample Texts: *Geography: Realms, Regions & Concepts.*

The concepts of area, boundaries, location, spatial systems, culture, population density, urbanization, state and regional geography, iconography, Europe, Russia, North/Middle/South America, Pacific Rim, Australia, Africa, S. Asia, China, SE Asia, N. Africa/SW Asia, Sub-Saharan Africa, East Africa

SOC:1000 Introduction to Sociology
Sample Texts: *Sociologically Examined Life; Down to Earth Sociology*.
The study of society, culture, socialization and development, social interaction and social groups, deviant behavior and social control, social inequity, marriage and alternative family lifestyles, religion, education, political and economic systems, social change and social issues.

ANTH:1002 Culture, Nature, and Society
Sample Texts: *Elements of Culture; Elements of Culture (Jumpbook)*.
Anthropology and the study of culture, beginning of human culture, culture and survival, communications, raising children, formation of groups, sex and marriage, family, search for order, political organization and social control, social stratification, economic systems, psychology and culture, social problems, religions and the supernatural, the arts, change and the future.

Group B: Individual and Institutional Perspectives

FAMSERV:1010 Human Identity and Relationships
Sample Texts: *Intimate Relationships, 6th*.
Self-direction, personality and social development, motivation and emotion, stress, body and health, self concept, people and friends, group, marriage and relationships, sexuality, work and leisure, personal control and decision making, psychological disorders, therapy, death and bereavement, strangers, lovers, methods of studying relationships, physical/psychological attraction.

PSYCH:1001 Introduction to Psychology
Sample Texts: *Exploring Psychology, Introduction to Psychology, Fundamentals of Psychology; Connect access card for Experience Psychology*.
Human diversity, the nervous system; structure and function of the brain, sensation and perception; receiving messages, vision, hearing, chemical senses, states of consciousness; sleeping and dreaming, waking consciousness, learning; classical conditional operant conditioning, stages of memory and forgetting, development psychology, motivation and emotion, gender and sexuality, personality theories, stress and health, abnormal behavior, social psychology.

ECON:1031 Introduction to Economics
Sample Texts: *Basic Economics; Instant Economist; Economix*.
Core ideas in economic theory; basic economic problems and economic systems; Scarcity and the economic system, microeconomics: markets, prices, competition; macroeconomics: economy as a whole; international economics: trade, exchange rates, balance of payments. Methodology, unemployment and growth, capitalist ideology, supply/demand, business enterprises, gross domestic product, inflation, consumption/saving, investment, money market, federal reserve banks, monetary policy, budget philosophy

POLAMER:1014 Introduction to American Politics
Sample Texts: *Enduring Debate, Government in America, Savage Inequalities, Intro. To American Government, Dynamics of Democracy, America At Odds; Understanding American Politics and Government; We The People Essentials Ed*.
Fundamentals, political behaviors, culture and socialization, opinion and elections, political parties, interest groups, political institutions, politics in nations, international relations.

POLINTL:1024 International Relations
Sample Texts: *World Politics 2016-17 Ed (16th)*.
New world order, world economy, weapons of mass destruction, North America, Latin America, Europe, Middle East and Africa, international organizations and global issues

Group C: Topical Perspectives

EDPSYCH:2030 Dynamics of Human Development
Sample Texts: *Taking Sides: Childhood & Society; Development of Children & Adolescents (LI) w/ Wile*.
Introduction to behavioral characteristics of individual development; basic developmental principles, age-stage characteristics; and provisions community, family, and school make in the development of children and youth.

- SW:1041/ Social Welfare: A World View
 SOCSCI:1041 Sample Texts: *Intro to Social Welfare & Social Work*.
 Social work as a profession (values, ethics, methods, job opportunities, current professional issues), poverty, child and family welfare, mental health and developmental disability, health care, workplace, housing and homelessness, aging, sustainable development, human rights and social justice, social welfare policy, foundations of social welfare, social work historical foundations
- SOCSCI:1020 Women, Men and Society
 Sample Texts: *White Weddings, Men's Lives, Social Construction of Difference and Equality, School Girls, Reconstructing Gender, The Gender Knot; Issues in Race, Ethnicity, and Gender; No Disrespect, Rapunzel's Daughters, Unraveling our Patriarchal Legacy, Talking at Trinas; Feminist Frontiers; Men's Lives*.
 Gender study overview, perspectives on sex, gender and difference, bodies, sexuality, identities, families, ideology, change and politics (sex differences, interaction of nature and environment, ancestors and neighbors, social construction of gender at other times, in other places), early-child gender socialization, schools and gender, language and the media, institutions of social control (gender and intimate relationships, employment and the economy; crime and justice; gender politics, government and the military; gender and spirituality; gender and health), restructuring sex/gender systems
- SW:2045/ American Racial and Ethnic Minorities
 SOC:1045/ Sample Texts: *Racism in the United States: Implications for the.; Rethinking the Color Line*.
 SOCSCI:1045 Aspects of minority/majority relations, prejudice, discrimination, immigration, ethnicity and religion in American life, American Indian, making of Black Americans in a White America, African-Americans today, Hispanic Americans, Chicanos, Puerto Ricans, Asian-Americans, Chinese-Americans, Japanese-Americans, Jewish-Americans, women, beyond the United States: a comparative perspective
- POLGEN:1020 Contemporary Political Problems
 Sample Texts: *Nickel and Dimed, Capitalism and Freedom*
 The American presidency, hardball: how politics is played, constructing the political spectacle, from eco-cities to living machines, impoverishment of political discourse
- SOC:1060 Social Problems
 Sample Texts: *Social Problems*.
 Family disorganization, drugs, alcohol, gambling, health and insurance, inequality/poverty, race/ethnicity, crime/justice/environment, world at war
- Category VI: Capstone Experience (Other courses vary by semester)**
- CAP:3140 Environment, Technology and Society
 Sample Texts: *Environment 02/03, Watersheds 3, Natural Capitalism, Triumph of the Mundane, Alone, Silent Spring, Ishmael, Hubbert's Peak, The Sustainable Planet, Fast Food Nation, Environmental Science, How much is enough?, The Game of Science Education, Country Full of Game, Taking Sides: Environmental Issues, Degrees of Disaster, Garbage Wars, One with Nineveh*
 Environment surprises, Nemesis effect, harnessing corporate power to heal the planet, signs of an environmental awakening, population surprise, population and consumption, food for all in the 21st Century, oil profits, plants, animals, land, water.