

Foundations

Brigham Young University-Idaho 2015-2016



Dear Students:

At BYU-Idaho we seek to provide an academic experience that will challenge you intellectually and prepare you for further study, employment, and the role you will fulfill in your families and communities.

To that end, the university offers a unique general education program called Foundations. As the name suggests, Foundations provides a strong basis for both your BYU-Idaho education and your lifelong learning pursuits.

In Foundations courses, you will delve deeply into five areas of study: Eternal Truths, Quantitative Reasoning, Writing, Science, and Cultural Awareness. Some courses are required, while others are open to your own preferences and interests. In both cases, you will be blessed and strengthened as you diligently participate in these courses.

In addition to introducing you to a variety of subjects, your Foundations experience will help you become familiar with the Learning Model—the established pattern for learning at BYU-Idaho. This student-centered learning approach will be a powerful resource to you throughout your education and life.

I invite you to carefully review the Foundations section of the catalog and determine which courses will be most beneficial to you. As you take responsibility for your learning and engage fully in the educational opportunities available, you will find your BYU-Idaho experience to be both meaningful and rewarding.

A handwritten signature in black ink, reading "Clark G. Gilbert".

Clark G. Gilbert
President, Brigham Young University-Idaho

Overview of Foundations

A BYU-Idaho education includes both the acquisition of marketable skills and a broad general education. BYU-Idaho graduates should not only be employable, but also literate, well rounded, cultured, and informed. They should be good thinkers and good communicators. They should be good citizens with strong testimonies. And they should graduate with the passion and skills to make them lifelong learners.

In BYU-Idaho’s Foundations program, students acquire life-changing skills and knowledge. Foundations courses provide breadth and depth. Students develop the ability to think critically, to read and write, to reason quantitatively and scientifically, and to collaborate. They also encounter big and meaty questions about today’s world, and make connections between the course material and other aspects of their lives.

In their Foundations courses, students do not simply prepare for a job, but a vocation—a purpose and vision of how they can bring about a better world and the skills to help them do it. Foundations is an oasis of learning in a busy and distracted world. We invite students to pause and drink deeply from its waters.

Foundations Requirements: Bachelor’s Degree

As part of a bachelor’s degree, students will complete 14 credits in Eternal Truths, 3 credits in Quantitative Reasoning, 6 credits in Writing, 8 credits in Science, and 9 credits in Cultural Awareness.

Eternal Truths: Students complete 14 credit hours of Religion at BYU-Idaho.

- FDREL 200, The Eternal Family (2 credits)
- FDREL 225, Foundations of the Restoration (2 credits)
- FDREL 250, Jesus Christ and the Everlasting Gospel (2 credits)
- FDREL 275, Teachings and Doctrine of the Book of Mormon (2 credits)
or take both of the following:
FDREL 121 and FDREL 122, Book of Mormon (2 credits each)
- Any 6 additional FDREL credits

Quantitative Reasoning: Students complete the following 3-credit course.

- FDMAT 108, Mathematical Tools for the Real World (3 credits)

Writing: Students take the following two courses for a total of 6 credits.

- FDENG 101, Writing and Reasoning Foundations (3 credits)
- FDENG 301, Advanced Writing and Research (3 credits)

Science: Students take 8 credits of Science as part of their Foundations experience.

- FDSCI 101, Science Foundations (2 credits)
- Students complete 6 credits of the Issues in the Sciences courses (numbered FDSCI 200 or higher); the two three-credit science courses are selected from two of the following three categories: physical science, life science, and social science.

Cultural Awareness: Students complete 9 credits in the Cultural Awareness area: 3 credits of American Foundations and 6 credits in the Humanities, International, Literature, or World Foundations areas.

- FDAMF 101, American Foundations (3 credits)
or take the following course:
FDCIV 101, Foundations of Civil Society (3 credits)
- FDHUM 110, Foundations of Humanities (3 credits)
- Students complete 3 credits of the 200-level Cultural Awareness courses (FDHUM, FDINT, or FDLIT, numbered 200 or higher)

Instead of taking FDHUM 110 and a 200-level Cultural Awareness course, students can take the following two courses:

- FDWLD 101 and FDWLD 201, World Foundations

Foundations Requirements: Associate’s Degree (A.A. or A.S.)

For students pursuing an associate’s degree, 34 credits of Foundations courses are required. The requirements are the same as those for a bachelor’s degree, with one exception. Students pursuing an associate’s degree only complete 8 credits in the Eternal Truths area: FDREL 200, FDREL 225, FDREL 250 and FDREL 275. The course requirements for the Quantitative Reasoning, Writing, Science, and Cultural Awareness areas are the same as those for a bachelor’s degree.

Foundations Requirements: Applied Associate’s Degree (A.A.S.)

An applied associate’s degree does not transfer to other institutions. It is intended to be a terminal degree, leading to a profession. For an applied associate’s degree, students complete a total of 17 credits in Foundations. Students take 8 credits in the Eternal Truths area: FDREL 200, FDREL 225, FDREL 250 and FDREL 275. Additionally, students take the FDENG 101, FDENG 301, and FDMAT 108 courses in the Quantitative Reasoning and Writing areas.

Recommended Sequence for Foundations Courses

Students are encouraged to take one religion class each semester, until they have completed the required number of FDREL classes. After that, students are invited to enroll in an Institute of Religion class each semester. Most FDREL courses do not have prerequisites, so they can be taken in any order. For example, a student may take FDREL 275 before taking FDREL 225.

It is recommended that full-time students enroll in two or possibly three Foundations courses their first semester. These courses might include FDENG 101, FDAMF 101, FDSCI 101, FDHUM 110, or FDMAT 108. The remainder of the schedule is used to explore a field of study.

Foundations enriches the educational experience at BYU-Idaho. Students should spread out their Foundations courses, rather than trying to get through them in a few semesters.

Foundations

Brigham Young University-Idaho 2015-2016

Religion Credit Policy for Transfer Students and Expedited Degree-Seeking Students

Students must complete the required cornerstone courses listed in the table below. In addition, students must take additional FDREL courses to complete the minimum number of required FDREL credits at BYU-Idaho.

Students who have previously taken both FDREL 121 and FDREL 122 will not be required to take FDREL 275.

Bachelor's Degree-seeking Students

The number of Religion credits required for a bachelor's degree is adjusted for students who bring transfer credits to BYU-Idaho:

Total Number of Transfer Credits	Minimum FDREL Credits Taken from BYU-Idaho	Minimum Required FDREL Courses
0-14.9	14	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 6 additional FDREL credits
15-29.9	12	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 4 additional FDREL credits
30-44.9	10	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 2 additional FDREL credits
45-59.9	8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
60-74.9	6-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
75-89.9	4-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
90 or more	2-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275

Associate's Degree-seeking Students

The number of Religion credits required for an associate's degree or an applied associate's degree is adjusted for students who bring transfer credits to BYU-Idaho.

Total Number of Transfer Credits	Minimum FDREL Credits Taken from BYU-Idaho	Minimum Required FDREL Courses
0-14.9	8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
15-29.9	6-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
30-44.9	4-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275
45 or more	2-8	FDREL 200, FDREL 225, FDREL 250, and FDREL 275

Expedited Degree-seeking Students (3+2, 3+3, or other 3+ programs)

The number of Religion credits required for students completing expedited degrees in conjunction with a graduate program at another university is adjusted according to the following table. For more information, email interuniversityrelations@byui.edu.

Number of credits earned at BYU-Idaho before entering expedited program	Minimum FDREL Credits Taken from BYU-Idaho	Minimum Required FDREL Courses
90	10	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 2 additional FDREL credits
90.1-105	12	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 4 additional FDREL credits
105.1-120	14	FDREL 200, FDREL 225, FDREL 250, FDREL 275, and 6 additional FDREL credits

Transfer of Religion Credit from Other Universities

Religion credit earned at other LDS Church schools will transfer to BYU-Idaho as an equivalent religion course or elective credit so long as the course is taken for credit and such credit is noted on an official transcript. While religion credits from other LDS Church schools may transfer to fulfill required religion content, they do not satisfy the BYU-Idaho resident religion requirement (religion courses taken from BYU-Idaho). Coursework in religious studies from any institution other than an LDS Church school or Institute of Religion will not be accepted toward fulfilling the BYU-Idaho religion requirements.

Transfer of Religion credit from CES Institutes of Religion

Religion credit earned at Church Education System (CES) Institutes of Religion will transfer to BYU-Idaho as an equivalent religion course or elective credit so long as the course is taken for “Church University” or “BYU” credit and such credit is noted on an official Institute transcript. Qualifying Religion credit taken from CES Institutes of Religion will fulfill both the BYU-Idaho content and resident religion requirement. This policy is primarily designed to benefit BYU-Idaho students who are participating in the online degree programs. Students who are attending BYU-Idaho on-campus are strongly encouraged to register for religion courses offered through BYU-Idaho.

Transfer of Credit from BYU Jerusalem Center

All courses taken at BYU Jerusalem Center (during a student’s BYU-Idaho experience) will transfer to BYU-Idaho and calculate into the student’s BYU-Idaho GPA. Religion courses taken at BYU Jerusalem Center (during a student’s BYU-Idaho experience) will transfer to fulfill both religion course content and the resident religion requirement. However, such credit does not apply to the completion of the overall BYU-Idaho residency requirement. BYU Jerusalem Center credits earned prior to a student’s enrollment at BYU-Idaho can be used to fulfill religion course content only, but may not be applied to any BYU-Idaho residency requirement.

Foundations Substitution Modules

Some courses at BYU-Idaho have been approved as substitutions for Foundations courses. Students will typically opt to take the substitution courses if they are required as part of their major.

Eternal Truths: There are no substitution modules for Religion courses.

Quantitative Reasoning: Substitutions can be made for FDMAT 108.

To substitute for FDMAT 108 (3 credits)

Take one of the following: FDMAT 112, MATH 119, or ECON 215

Writing: Substitutions can be made for FDENG 301.

To substitute for FDENG 301 (3 credits)

Take one of the following: B 220, HUM 250, or GEOL 316

Science: Two possible substitutions exist for the Foundations Sciences courses.

To substitute for FDSCI courses (8 credits total)

Take 2 credits: FDSCI 101

Take 4 credits: CHEM 101, CHEM 101L, or CHEM 105; and

Take 4 credits: ME 201, PH 105, PH 121, PH 123, PH 127, PH 150, PH 220, PH 223, or PH 250

To substitute for FDSCI courses (8 credits total)

Take 2 credits: FDSCI 101

Take 8 credits: AS 215, AS 355, AS 495, BIO 180, BIO 181, BIO 204, BIO 208, BIO 221, BIO 222, BIO 225, BIO 264, BIO 265, BIO 302, BIO 352, or BIO 386; and

Take 4 credits: CHEM 101, CHEM 101L, CHEM 105, CHEM 106, CHILD 210, ESS 375, HRHP 359, HS 320, PSYCH 111, PSYCH 201, PSYCH 342, PH 101, PH 105, RM 342, RM 423, or SOC 111

Cultural Awareness: There are two possible substitutions for FDHUM 110 and the 200-level Cultural Awareness courses.

To substitute for FDHUM 110 and a 200-level Cultural Awareness course (6 credits total)

Take HUM 201 and HUM 202; and

Take one of the following courses: FDINT 211, FDHUM 214, FDINT 215, FDLIT 216, FDHUM 299, FDINT 299, FDLIT 299, or HUM 342

To substitute for FDHUM 110 and a 200-level Cultural Awareness course (6 credits total)

Take the following courses: MUSIC 102, MUSIC 301, MUSIC 302, and MUSIC 303

Foundations

Brigham Young University–Idaho 2015-2016

Course Descriptions

Credits*

Eternal Truths

Doctrinal Core (Cornerstone) courses

FDREL 200 The Eternal Family

(2:2:0:0)

This course centers on “The Family: A Proclamation to the World” and develops gospel doctrines and principles pertaining to a successful and happy marriage and family life. Practical skills required to achieve and sustain provident living will also be explored and practiced.

(Fall, Winter, Spring)

FDREL 225 Foundations of the Restoration

(2:2:0:0)

In this course students will study key revelations, doctrine, people, and events related to the Restoration of the Church of Jesus Christ. As they do so, they will build upon their previous sequential and topical gospel study experiences. This course will provide the doctrinal foundation and historical context needed to gain an accurate understanding of Church doctrine and history. Students will study the scriptures, doctrine, and Church history in ways that relate to their lives and circumstances.

(Fall, Winter, Spring)

FDREL 250 Jesus Christ and the Everlasting Gospel

(2:2:0:0)

This course focuses on the eternal ministry of Jesus Christ and His divine roles and teachings throughout His premortal, mortal, and postmortal life. Special emphasis is given to the Savior’s central role in Heavenly Father’s plan for His children. Students are invited to deepen their love for and testimony of Jesus Christ and to become more devoted disciples. This course builds upon students’ previous sequential and topical gospel study experiences and is taught using blocks of scripture in context from across the standard works as well as the teachings of modern prophets.

(Fall, Winter, Spring)

FDREL 275 The Teachings and Doctrine of the Book of Mormon

(2:2:0:0)

This course focuses on doctrine and themes found throughout the writings, teachings, and sermons of the Book of Mormon. Emphasis is given to prophetic witnesses of Heavenly Father and His Son, Jesus Christ. This course builds upon students’ previous sequential and topical gospel study experiences.

(Fall, Winter, Spring)

Additional religion courses

FDREL 100 Introduction to Mormonism

(2:2:0:0)

This course introduces students to the doctrine and principles of The Church of Jesus Christ of Latter-day Saints as well as the history and organization of the Church. This course is designed for students belonging to other religious traditions or who have recently become members of the Church of Jesus Christ of Latter-day Saints.

(Fall, Winter, Spring)

FDREL 121 Book of Mormon

(2:2:0:0)

A study of the content and teachings of the Book of Mormon, from 1st Nephi through Alma 29.

(Fall, Winter, Spring)

FDREL 122 Book of Mormon

(2:2:0:0)

A study of the content and teachings of the Book of Mormon from Alma 30 through Moroni.

(Fall, Winter, Spring)

FDREL 130 Missionary Preparation

(2:2:0:0)

A course designed to help prepare students for missionary service by utilizing principles that reflect and supplement the emphasis taught in the “Preach My Gospel” missionary approach. This course is highly recommended for all pre-missionaries.

(Fall, Winter, Spring)

FDREL 150 Provident Living

(2:1:2:0)

A course designed to assist students in applying gospel principles in their personal lives. It is composed of classroom instruction in doctrinal and temporal matters, coupled with a lab where principles of provident living are put into practice.

(Fall, Winter, Spring)

FDREL 190 Special Topics in Scripture

(1-3:0:0:0)

Repeatable Course: may earn maximum of 3 credits

Course Requirement: Instructor Approval Required

For BYU-Idaho students facing special credit situations and for BYU-Idaho travel study students--taught in the term of the travel study--with topics selected which will focus on history, scripture, and culture of those lands visited.

(Fall, Winter, Spring)

FDREL 211 New Testament

(2:2:0:0)

A study of the life and teachings of Jesus Christ as recorded in the four gospels.

(Fall, Winter, Spring)

FDREL 212 New Testament

(2:2:0:0)

A study of the early church and epistles from Acts through Revelation.

(Fall, Winter, Spring)

FDREL 215 Scripture Study

(2:2:0:0)

A course designed to help students gain confidence in understanding the scriptures. The focus is on gaining skills for successful personal scripture study.

(Fall, Winter, Spring)

FDREL 234 Preparing for Eternal Marriage

(2:2:0:0)

Course Requirement: Single students only

This class allows the student to examine the many different issues that lead to being successfully sealed in the temple of the Lord.

(Fall, Winter, Spring)

FDREL 235 Building an Eternal Marriage

(2:2:0:0)

Course Requirement: Married students only

A study of the doctrines, principles, and practices which will establish a successful, gospel-centered eternal marriage.

(Fall, Winter, Spring)

FDREL 261 Introduction to Family History

(2:2:0:0)

Students will learn the doctrines surrounding family history and temple work. Skills associated with gathering, preserving, researching, and sharing family records, as well as doing temple work for ancestors will be introduced.

(Fall, Winter, Spring)

FDREL 301 Old Testament

(2:2:0:0)

A study of the Old Testament from Genesis through 2 Samuel, with an emphasis on doctrine and principles.

(Fall, Winter, Spring)

FDREL 302 Old Testament

(2:2:0:0)

A study of the Old Testament from The Kings through Malachi.

(Fall, Winter, Spring)

FDREL 324 Doctrine and Covenants

(2:2:0:0)

A study of the history, content, doctrine, and covenants found in sections 1 through 76 of the Doctrine and Covenants.

(Fall, Winter, Spring)

FDREL 325 Doctrine and Covenants

(2:2:0:0)

A study of the history, content, doctrine, and covenants in sections 77 through Official Declaration 2.

(Fall, Winter, Spring)

FDREL 327 Pearl of Great Price

(2:2:0:0)

The study of the Pearl of Great Price with an emphasis on the doctrines, history and content found in this book of scripture.

(Fall, Winter, Spring)

FDREL 333 Teachings of the Living Prophets

(2:2:0:0)

This course centers its emphasis on the role, function, and teachings of living prophets, seers, and revelators as building blocks of faith in a world of challenge and confusion.

(Fall, Winter, Spring)

Foundations

Brigham Young University–Idaho 2015-2016

FDREL 341 Church History (2:2:0:0)

A study of the history and doctrine of The Church of Jesus Christ of Latter-day Saints through June 1844, including the martyrdom of the prophet Joseph Smith.
(Fall, Winter, Spring)

FDREL 342 Church History (2:2:0:0)

A study of the history and doctrine of the Church of Jesus Christ of Latter-day Saints from 1844 to 1901.
(Fall, Winter, Spring - rotating)

FDREL 343 Church History (2:2:0:0)

A study of the history and doctrine of the Church of Jesus Christ of Latter-day Saints from 1901 to the present.
(Fall, Winter, Spring - rotating)

FDREL 351 World Religions (2:2:0:0)

A study of religions of the world such as Buddhism, Islam, Hinduism and Judaism. Designed to introduce members of the Church to the beliefs of other world faiths and their development with an emphasis on their relationship to the doctrines of the restored Church of Jesus Christ of Latter-day Saints.
(Fall, Winter, Spring)

FDREL 352 Christian History (2:2:0:0)

An introduction of the history and doctrines of Christianity from Apostolic times--through the Roman period--into the early development of the Catholic and Orthodox churches, the Middle ages, the Reformation, and up to the Restoration of the Church of Jesus Christ of Latter-day Saints.
(Fall, Winter, Spring)

FDREL 390R Special Topics in Religion (1-2:1-2:0:0)

Repeatable Course: may earn maximum of 2 credits per 390R course
Prerequisites: FDREL 200 and (FDREL 275 or (FDREL 121 and FDREL 122))
Topical studies in religion, based on teacher expertise.
(Fall, Winter, Spring)

FDREL 404 Writings of Isaiah (2:2:0:0)

An in-depth study of the history and writings of the Prophet Isaiah.
(Fall, Winter, Spring)

FDREL 431 Doctrines of the Gospel (2:2:0:0)

A study of the basic doctrines of The Church of Jesus Christ of Latter-day Saints as taught in the scriptures and by Latter-day prophets.
(Fall, Winter, Spring)

FDREL 471 Methods of Teaching Seminary (2:2:0:0)

This course helps students become more effective teachers. It prepares students to teach the scriptures and provides them with several teaching experiences, both in class and in a seminary setting. During the course, students are evaluated and screened for Religion 475. Students will observe at least 2-3 classes and teach 5-8 hours in released time seminary.
(Fall, Winter, Spring)

FDREL 475 Seminary Teaching Seminar (2:2:0:0)

Prerequisites: FDREL 471
Course Requirement: Instructor Approval Required
This course deals with current teaching issues and needs. Trainees are also employed part-time and may teach from one to three classes of seminary each day. Trainees are observed to determine whether they should be considered for a full-time seminary teaching position.
(Fall, Winter, Spring)

Quantitative Reasoning

FDMAT 108 Mathematical Tools for the Real World (3:3:0:0)

Prerequisites: Students must have an ACT Math score of at least 18 or an SAT math score of 430 or ALEKS test score of 38 or MATH 100B with a B or MATH 101 with a B or MATH 100G with a B

This class prepares students to understand, analyze, and solve real-life problems that require quantitative reasoning. Topics include the meaning of probabilities, how to read, critique, and apply statistical information found in news reports, public policy debates, consumer reports, and other daily life and professional situations; the use of mathematical models in describing, understanding, and making predictions about real world phenomena; and the mathematics of loans and investments. Topics will be illustrated by examples and applications from current events, daily life, business, and natural phenomena. Mathematical Tools for the Real World is to inspire students to act wisely when faced with quantitative challenges in collegiate coursework, employment, and daily living.
(Fall, Winter, Spring)

Writing

FDENG 101 Writing and Reasoning Foundations (3:3:0:0)

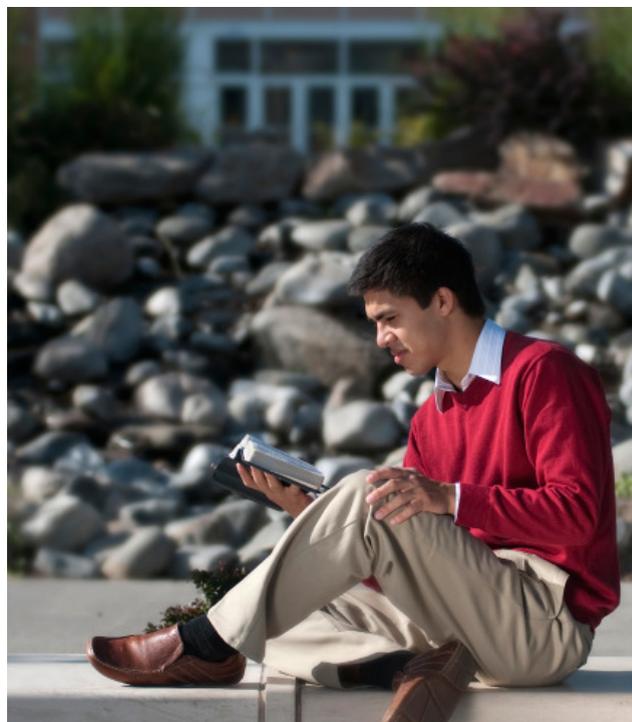
Prerequisites: Students must have an ACT English score of at least 16 or an SAT English score of 400 or ENG 106 with a B or ENG 109 with a B or ENG 106L with a B

An introduction to academic inquiry and writing, laying the foundation for further academic and professional development. Students will learn to think and read critically and practice the writing process, including invention, research, summary, synthesis and analysis, revision, and editing. Students will work on several major writing assignments, including a research project in which they will gather information from a range of valid sources, demonstrating they can analyze and use that information purposefully, following appropriate documentation.
(Fall, Winter, Spring)

FDENG 301 Advanced Writing and Research (3:3:0:0)

Prerequisite: FDENG 101
Course Requirement: 22 Credits

Help students learn how to reason carefully and express ideas clearly. Students develop these competencies as they learn to recognize strong arguments, uncover assumptions, evaluate evidence, recognize rhetorical patterns, and infer ideas from data. To apply their understanding of these skills, students write summaries, essays synthesizing ideas from diverse sources, critiques of arguments, and research papers that focus on issues relevant to their majors.
(Fall, Winter, Spring)



Science

FDSCI 101 Science Foundations (2:2:0:0)

An introduction to the nature, practice, power, and limitations of science, as well as relationships between science and religion, and science and society. These topics are explored through the study of selected episodes of scientific discovery that demonstrate methodical and creative aspects of scientific inquiry, and the self-correcting nature of science.

(Fall, Winter, Spring)

FDSCI 200 Energy in the 21st Century (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

This course provides an introduction to the sciences and the issues related to energy production and use. It also explores alternatives to current energy technology.

(Fall, Winter, Spring)

FDSCI 201 Natural Disasters: Man and the Dynamic Earth (3:3:0:0)

Total Course Fee: \$18.00

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Examine the causes and consequences of natural hazards including earthquakes, volcanoes, landslides, floods, and coastal hazards. Students work in a team environment and examine case studies of ancient and modern events, emphasizing effects on science, engineering, history, economics, politics, and the arts. Study lessons learned from past events and determine what is being done or should be done to mitigate future disasters. Class includes a field trip.

(Fall, Winter, Spring)

FDSCI 202 Issues in Global Climate Change (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

This course provides an introduction to the issues involved in global climate change with an emphasis on understanding the science of global warming and greenhouse gases.

(Fall, Winter, Spring)

FDSCI 203 Environmental Stewardship (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

As individuals, it is often difficult to see or understand the consequences our decisions, actions, or existence may have on our environment and those around us. The purpose of this class is to show the effects each of us has as a member of a worldwide population of over seven billion, and the effects our population has on a local, regional, and global scale. The focus will be on how individually and collectively we impact the quality of our environment and human living conditions for both good and bad. Case studies will be used to examine an array of ecological, biological, agricultural, technological, economical, social, political and other issues associated with a burgeoning human population. Class members will receive a foundation whereby they can make informed choices about their life, family, and community, and be better stewards of Earth's resources.

(Fall, Winter, Spring)

FDSCI 204 The American Epidemic: Diabetes and Cardiovascular Disease (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Cardiovascular disease and Diabetes are leading causes of death and morbidity in the U.S. Both of these diseases are highly correlated with lifestyle choices. In this course students will study the physiologic mechanisms associated with these diseases as well as how lifestyle choices influence the diseases. Students will be expected to develop and implement personal programs to facilitate life-long health and wellness.

(Fall, Winter, Spring)

FDSCI 205 DNA: Genetic Identity, Disease, and Design (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

The structure of DNA stands as one of the greatest discoveries of the 20th century and has led to multi-billion dollar advancements in medicine and agriculture. An understanding of DNA and its applications is necessary to distinguish fact from fiction, make informed decisions, and take full advantage of emerging DNA technologies. This course presents the fundamental concepts related to DNA including its history, structure, function, regulation, and inheritance. The remaining course material explores multiple issues and topics that are founded in DNA technology. These include the causes and treatments associated with genetic disorders, the creation of genetically modified foods, identification through DNA fingerprinting, tracing of family lineages, the applications and ethics of cloning and stem cell technology, and the underlying mechanism of organic evolution. Course methods include lecture, discussion, and hands-on exercises related to the subject material.

(Fall, Winter, Spring)

FDSCI 206 Light & Sound: The Science of Vision & Hearing (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

This course covers the physical characteristics of light and sound, the biological nature of eyes and ears, and the sensation of vision and hearing through our brain's perceptual abilities. Students will evaluate the influence of music, movies, advertising, and video games on the human mind and behavior.

(Fall, Winter, Spring)

FDSCI 208 Introduction to Robotics (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

This course provides a hands-on approach to the fundamentals of robotics, including how robots sense, move, and make decisions. Students will build and configure robots to solve basic real-world problems and analyze their performance. The class will also explore ethical and environmental issues related to robotics.

(Fall, Winter, Spring)

FDSCI 209 How to Build a Habitable Planet (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

We live on the only inhabited planet we've discovered so far. Through modern science, we have learned much about what makes a planet habitable and how one might be created. It was not a trivial undertaking! This course explores (a) the origin of the atoms from which planets and life are made; (b) the origin and structure of the universe, galaxies, stars, our solar system, and Earth; (c) the origin and function of Earth's atmosphere, oceans, and continents; and (d) how has Earth maintained habitability through time. In addition, the course will strengthen our ability to form and defend interpretations based on observations.

(Fall, Winter, Spring)

FDSCI 210 Neanderthals and Other Successes (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Ours is a planet of life. Evidence from fossils and molecules suggests that organisms have thrived on Earth for billions of years. However, less than one percent of the species that have ever existed on our planet are still alive today. What caused some species to succeed while others failed, and how did life on Earth begin in the first place? From the earliest bacteria to humans and their civilizations, this course addresses the origins, evolution, and extinction of life on earth based on evidence from chemistry, biology, geology, and related sciences.

(Fall, Winter, Spring)

FDSCI 299L Topics in Life Science (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Special Topics in Science Foundations. Students will study a topic dealing with a scientific issue in the life sciences. The topic is determined by a faculty team and approved by the Foundations office. This course counts toward the 200-level Science requirement.

(Fall, Winter, Spring)

FDSCI 299P Topics in Physical Science (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Special Topics in Science Foundations. Students will study a topic dealing with a scientific issue in the physical sciences. The topic is determined by a faculty team and approved by the Foundations office. This course counts toward the 200-level Science requirement.

(Fall, Winter, Spring)

FDSCI 299S Topics in Social Sciences (3:3:0:0)

Prerequisite: FDSCI 101, FDENG 101, Foundations Math Requirement.

Special Topics in Science Foundations. Students will study a topic dealing with a scientific issue in the social sciences. The topic is determined by a faculty team and approved by the Foundations office. This course counts toward the 200-level Science requirement.

(Fall, Winter, Spring)

Cultural Awareness

FDAMF 101 American Foundations

(3:3:0:0)

The history of the United States holds lessons for people everywhere. This course examines the full range of American history with the goal of better understanding the political, economic, and cultural ideals and institutions that explain the successes and limitations of the United States. This course also has interdisciplinary elements and draws deeply from political science, cultural studies, and economics to illuminate the American past. (Fall, Winter, Spring)

FD CIV 101 Foundations of Civil Society

(3:3:0:0)

The purpose of this course is to explore, understand, and analyze some of the key principles, tensions, and values that are fundamental to almost every society, and learn how to engage in productive problem solving as citizens. The future of any free, just, and prosperous society depends on an intelligent, competent, civil, fair, and public-spirited citizenry. Consequently, this class is designed to enhance your capacity for rational thought and informed action—rather than simply test your ability to memorize facts—so that you will be able to more constructively engage in building your local, national, and global communities. (Fall, Winter, Spring)

FDHUM 110 Foundations of Humanities

(3:3:0:0)

Introduction to the Humanities. Students will examine key works in the arts from Renaissance through the early 20th Century, their historical and cultural context, and the artistic principles that contribute to their significance. Students will then apply these principles in their own creative work, and in making value assessments about the arts. (Fall, Winter, Spring)

FDHUM 214 Modern Arts & Propaganda

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

This course will focus on the use of propaganda, art, and other forms of persuasion starting with the Modern Era (approximately post-1860) and continuing to the present. Students will experience this topic through various social issues and cultural influences from around the world, including the visual, performing, and literary arts. This course emphasizes the development of aesthetic judgment and critical thinking. Note: Students cannot receive credit for both FDHUM 204 and FDHUM 103 (a course which no longer exists.) (Fall, Winter, Spring)

FDHUM 299 Topics in Humanities

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

Special topics in the humanities. Fulfills the BYU-Idaho Foundations requirement for a 200-level Cultural Awareness course.

FDINT 211 Global Hotspot: Pakistan at the Crossroads of Conflict

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

Few countries in the world are more strategically critical yet less understood than Pakistan. This young country in an ancient land lies at the crossroads of history, religion, language, and culture. On the front-line in the war against terror, this nuclear power is in the midst of political turmoil whose outcome will have great implications for the rest of the world. (Fall, Winter, Spring)

FDINT 215 China

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

The rise of China as a major player on the international stage over the past few decades has been breathtaking. This interdisciplinary course introduces students to some of the key challenges which face China today through the study and analysis of topics such as population, politics, geography, economics, culture and the environment. (Fall, Winter, Spring)

FDINT 299 Topics in International Issues

(3:3:0:0)

Special topics in international issues. Fulfills the BYU-Idaho Foundations requirement for a 200-level Cultural Awareness course.

FDLIT 216 Great Books of the World

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

A study of great books from ancient times to the early 20th Century. A deep reading of literary masterpieces in a variety of cultural, aesthetic, and historical contexts. (Fall, Winter, Spring)

FDLIT 299 Topics in Literature

(3:3:0:0)

Prerequisite: FDHUM 110 and FDENG 101 and (FDAMF 101 or FDCIV 101)

Special topics in literature. Fulfills the BYU-Idaho Foundations requirement for a 200-level Cultural Awareness course.

FDWLD 101 World Foundations I

(3:3:0:0)

Prerequisite: (FDAMF 101 or FDCIV 101) and FDENG 101

This course is part of a two-course sequence. World Foundations 101 is the first half of a two-course sequence that examines great world civilizations through literature, art, music, philosophy, and history.

Two aspects of this course sequence give it power. First, the integration of disciplines—literature, art, architecture, history, religion, philosophy, music and politics—in our study of various civilizations should produce a rich appreciation for the immense potential of the human spirit. Second, the use of two themes—redemption and moral revelation—throughout the two courses will provide a point of view that can help you, the student, make connections between the cultures, civilizations, and periods of time that we study and explore how God strives with his children to help them reach their potential. (Fall, Winter, Spring)

FDWLD 201 World Foundations II

(3:3:0:0)

Prerequisite: FDWLD 101

World Foundations II is the second half of a two-course sequence that examines great world civilizations through literature, art, music, philosophy, and history.

Taking both FDWLD 101 and FDWLD 201 can substitute for the requirement to take a 100-level and a 200-level course from the FDHUM, FDINT, or FDLIT course offerings. (Fall, Winter, Spring)

Foundations

Brigham Young University-Idaho 2015-2016

Foundations Requirements - Bachelor's Degree					
Eternal Truths 14 Credits		Academic Fundamentals 9 Credits		Science 8 Credits	Cultural Awareness 9 Credits
Doctrinal Core <i>Take these courses:</i> FDREL 200 2 FDREL 225 2 FDREL 250 2 FDREL 275* 2 *FDREL 121 and FDREL 122 (4 credits) can be taken instead of FDREL 275 (2 credits).	Other Religion Courses <i>Take 6 credits:</i> FDREL 100 2 FDREL 121 2 FDREL 122 2 FDREL 130 2 FDREL 190 1-3 FDREL 211 2 FDREL 212 2 FDREL 215 2 FDREL 234 2 FDREL 235 2 FDREL 261 2 FDREL 301 2 FDREL 302 2 FDREL 324 2 FDREL 325 2 FDREL 327 2 FDREL 333 2 FDREL 341 2 FDREL 342 2 FDREL 343 2 FDREL 351 2 FDREL 352 2 FDREL 390R 1-2 FDREL 404 2 FDREL 431 2 FDREL 471 2 FDREL 475 2	Reading, Writing, & Critical Thinking <i>Take this course:</i> FDENG 101 3 AND Advanced Research Writing <i>Take either:</i> FDENG 301 3 OR <i>Take 1 course from the following list:</i> GEOL 316 3 B 220 3 HUM 250 3 Quantitative Reasoning <i>Take either:</i> FDMAT 108 3 OR <i>Take 1 course from the following list:</i> FDMAT 112 4 MATH 119 4 ECON 215 4	Science Foundations <i>Take this course:</i> FDSCI 101 2 Issues in the Sciences <i>Take 2 courses representing 2 of the following areas in science:</i> Physical Science FDSCI 200 3 FDSCI 201 3 FDSCI 202 3 FDSCI 206 3 FDSCI 208 3 FDSCI 209 3 FDSCI 299P 3 Life Science FDSCI 203 3 FDSCI 204 3 FDSCI 205 3 FDSCI 206 3 FDSCI 210 3 FDSCI 299L 3 Social Science FDSCI 206 3 FDSCI 299S 3	American Foundations <i>Take 1 course:</i> FDAMF 101 3 FDCIV 101 3 <i>Choose 1 Option:</i> Option 1: Cultural Awareness <i>Take this course:</i> FDHUM 110 3 AND Humanities, International, and Literature <i>Take 1 course:</i> FDHUM 214 3 FDHUM 299 3 FDINT 211 3 FDINT 215 3 FDINT 299 3 FDLIT 216 3 FDLIT 299 3 Option 2: World Foundations <i>Take these courses:</i> FDWLD 101 3 FDWLD 201 3	
Foundations Requirements - 40 Credits					

Foundations Requirements - Associate's Degree				
Eternal Truths 8 Credits	Academic Fundamentals 9 Credits	Science 8 Credits	Cultural Awareness 9 Credits	
Doctrinal Core <i>Take these courses:</i> FDREL 200 2 FDREL 225 2 FDREL 250 2 FDREL 275* 2 *FDREL 121 and FDREL 122 (4 credits) can be taken instead of FDREL 275 (2 credits).	Reading, Writing, & Critical Thinking <i>Take this course:</i> FDENG 101 3 AND Advanced Research Writing <i>Take either:</i> FDENG 301 3 OR <i>Take 1 course from the following list:</i> GEOL 316 3 B 220 3 HUM 250 3 Quantitative Reasoning <i>Take either:</i> FDMAT 108 3 OR <i>Take 1 course from the following list:</i> FDMAT 112 4 MATH 119 4 ECON 215 4	Science Foundations <i>Take this course:</i> FDSCI 101 2 Issues in the Sciences <i>Take 2 courses representing 2 of the following areas in science:</i> Physical Science FDSCI 200 3 FDSCI 201 3 FDSCI 202 3 FDSCI 206 3 FDSCI 208 3 FDSCI 209 3 FDSCI 299P 3 Life Science FDSCI 203 3 FDSCI 204 3 FDSCI 205 3 FDSCI 206 3 FDSCI 210 3 FDSCI 299L 3 Social Science FDSCI 206 3 FDSCI 299S 3	American Foundations <i>Take 1 course:</i> FDAMF 101 3 FDCIV 101 3 <i>Choose 1 Option:</i> Option 1: Cultural Awareness <i>Take this course:</i> FDHUM 110 3 AND Humanities, International, and Literature <i>Take 1 course:</i> FDHUM 214 3 FDHUM 299 3 FDINT 211 3 FDINT 215 3 FDINT 299 3 FDLIT 216 3 FDLIT 299 3 Option 2: World Foundations <i>Take these courses:</i> FDWLD 101 3 FDWLD 201 3	
Foundations Requirements - 34 Credits				

Foundations

Brigham Young University-Idaho 2015-2016

Foundations Requirements - Applied Associate's Degree

Eternal Truths 8 Credits	Academic Fundamentals 9 Credits
<p>Doctrinal Core <i>Take these courses:</i></p> <p>FDREL 200 2 FDREL 225 2 FDREL 250 2 FDREL 275* 2</p> <p><i>*FDREL 121 and FDREL 122 (4 credits) can be taken instead of FDREL 275 (2 credits).</i></p>	<p>Reading, Writing, & Critical Thinking <i>Take this course:</i></p> <p>FDENG 101 3</p> <p>AND</p> <p>Advanced Research Writing <i>Take either:</i></p> <p>FDENG 301 3 OR <i>Take 1 course from the following list:</i></p> <p>GEOL 316 3 B 220 3 HUM 250 3</p> <p>Quantitative Reasoning <i>Take either:</i></p> <p>EDMAT 108 3 OR <i>Take 1 course from the following list:</i></p> <p>EDMAT 112 4 MATH 119 4 ECON 215 4</p>

Foundations Requirements - 17 Credits