

Religious Studies

Chair, Department of Religious Studies: Professor Pugh
 Professor: Pace
 Associate Professor: Chakrabarti
 Assistant Professors: Hammer, Huber, McBride, Peters
 Lecturer: L. Russell

Religious Studies courses and the Religious Studies major and minor are designed to help students learn about one of the most basic and universal aspects of human existence. Knowing about religion helps us to better understand ourselves and the beliefs of others.

The members of the Religious Studies faculty seek to foster in students a love of learning, informed values and a spirit of tolerance. In keeping with Elon's liberal arts objectives, the program and the faculty also seek to develop the students' ability to think critically and communicate effectively, both in the discipline and in other areas of life.

A major in Religious Studies requires the following courses:

REL 101	Introduction to Religious Studies	4 sh or
REL 102	World Religions	4 sh
REL 111	The Old Testament Story	4 sh or
REL 112	Introduction to the New Testament	4 sh
REL 292	Approaches to the Study of Religion	4 sh
REL 492	Senior Seminar	4 sh
An additional six courses, at least five at the 300-400 level		24 sh
Greek 310 may be substituted for a Religious Studies course.		
TOTAL		40 sh

A minor in Religious Studies requires the following courses:

REL 101	Introduction to Religious Studies	4 sh or
REL 102	World Religions	
REL 111	The Old Testament Story	4 sh or
REL 112	Introduction to the New Testament	
REL 292	Approaches to the Study of Religion	4 sh
An additional two courses in Religious Studies		8 sh
Total		20 sh

REL 101. INTRODUCTION TO RELIGIOUS STUDIES **4 sh**

This course considers the human religious experience and its impact throughout history and in the contemporary world.

REL 102. WORLD RELIGIONS **4 sh**

The origin, historical development and beliefs of selected religious traditions are the focus of this course.

REL 111. THE OLD TESTAMENT STORY **4 sh**

This course introduces students to the Hebrew Scriptures so that they may understand the beliefs expressed in it, evaluate its relevance to their lives today and be able to recognize its impact on our literature, language, music, art and sculpture, both past and present.

REL 112. INTRODUCTION TO THE NEW TESTAMENT **4 sh**

This course studies the rise and development of Christianity and its literature.

- REL 181. INTERNSHIP IN RELIGIOUS STUDIES** 1 sh
 An optional internship may occasionally be offered in conjunction with REL 101, Introduction to Religious Studies.
- REL 251. RELIGIOUS STUDIES ABROAD** 4 sh
 Religious Studies experiences are offered in England, India and/or the Middle East (Israel, Egypt and Jordan). Winter Term only.
- REL 292. APPROACHES TO THE STUDY OF RELIGION** 4 sh
 This course is to orient students interested in religious studies to the broader landscape of the field. In the process, students will be challenged to examine and compare a variety of methodological approaches to the study of religion. This course will also train students in advanced research and writing in the field. Prerequisite: REL 101 or 102 and REL 111 or 112. Offered spring.
- REL 321. UNEARTHING THE BIBLE** 4 sh
 This study surveys major archaeological research as it relates to our understanding of the Bible and its setting.
- REL 322. OLD TESTAMENT PROPHETS** 4 sh
 The background, personal characteristics, function, message and present significance of the Hebrew prophets is the focus of this course.
- REL 324. WHEN BAD THINGS HAPPEN TO GOOD PEOPLE** 4 sh
 Study of the Old Testament Book of Job includes its contents, literary structure, impact on modern literature and drama, and its message about senseless tragedy for today's world.
- REL 325. REVELATION AND OTHER APOCALYPTIC LITERATURE** 4 sh
 The course examines the origins of apocalyptic thought in early Jewish and Christian history. While half of the course is a very close and detailed reading of Revelation, some Old Testament and intertestamental apocalyptic literature is also read.
- REL 326. LIFE AND THOUGHT OF PAUL** 4 sh
 This study analyzes major motifs of Paul's theology by interpreting his New Testament writings.
- REL 327. LOST BOOKS OF THE BIBLE** 4 sh
 This course examines early Jewish and early Christian writings that were at some point considered scripture by various Jewish and Christian groups, but were not included when the Bible was finally put together. Many of these writings were lost for centuries and only rediscovered in the 19th and 20th centuries.
- REL 329. JESUS AND THE GOSPELS** 4 sh
 The course is a close reading and comparison of Matthew, Mark and Luke in parallel columns, along with the noncanonical Gospel of Thomas. John will be read separately toward the end of the course.
- REL 335. CHRISTIANITY: ANCIENT AND MEDIEVAL** 4 sh
 This course examines the history and thought of the various forms of Christianity from the apostolic age (late first century) to the eve of the Protestant Reformation (early 16th century). Offered fall.
- REL 336. CHRISTIANITY: REFORMATION TO THE PRESENT** 4 sh
 This course will cover extensively the Reformation period, Enlightenment and the context of Christianity from 1500 to the present. Attention will be given to theologians, ideas and theologies, global contexts and the impact of Christianity on global history.
- REL 337. THEOLOGICAL EXPLORATIONS: GOD AND THE SEARCH FOR MEANING** 4 sh
 This course is designed to expose students to extensive discussions that are taking place

in the global community concerning humankind's relationship to the sacred. From the rise of religious violence to fundamentalism and issues such as language, theodicy post-modernity and the social construction of religion, students will explore the field of theology and the human search for meaning.

REL 338. SEARCHING FOR THE SACRED: CONTEMPORARY THEOLOGIANS 4 sh

This course will focus upon persons who have influenced the course of theology in the past half century, ranging from Dietrich Bonhoeffer and Karl Barth to Dorothe Sollee. The theologians' lives will be studied as pilgrimages in order to help students better understand the ways in which life's journeys are expressed in our thinking.

REL 339. GOD AND POLITICS 4 sh

This class is designed to explore the connection between political and religious communities. Some of the topics covered are the role of fundamentalism and its contemporary impact, the nature of historical consciousness and the mythic narratives it creates, and the separation of church and state. While rooted in American culture, this class will take a global perspective in order to understand such things as religious violence and the absolutist claims of some religious communities. Prerequisites: None. Offered fall.

REL 342. SEXUALITY AND THE SOCIAL ORDER 4 sh

This course examines a variety of ethical arguments and debates regarding sexual behavior and expression. Attention will be paid to the ways in which sexuality is socially constructed. Emphasis is placed on learning how to critically analyze and evaluate Christian ethical argumentation. Prerequisites: None. Offered spring.

REL 343. WOMEN, VIOLENCE AND RESISTANCE 4 sh

This course takes a serious look at a wide variety of forms of violence against women. Topics include domestic violence, prostitution, gang rape, economic violence, military violence, cultural violence and incest. Particular attention will be paid to religious justifications for violence against women; and the role that faith communities have played in both condoning and resisting violence. Prerequisites: None. Offered spring.

REL 344. CHRISTIANITY AND SOCIAL JUSTICE 4 sh

This course will focus on the religious foundations for social justice within the Christian tradition. Emphasis will be placed on employing a structural analysis of social problems that includes the role of religion and religious communities in both perpetrating and healing social injustice. Prerequisites: None. Offered fall.

REL 348. ENVIRONMENTAL ETHICS 4 sh

In an exploration of the moral dimensions of the environmental crisis, students examine the roles which religious and philosophical ethics play in providing frameworks for understanding environmental issues and developing guidelines for addressing specific contemporary problems. (Cross-listed with PHL 348.)

REL 353. BUDDHISM 4 sh

This course gives students a critical understanding of basic concepts and doctrines of Buddhism, considering the similarities and contrasts between the different major schools of Buddhism as well as Buddhism's relationship to Taoism and Confucianism.

REL 352. HINDUISM 4 sh

This study of the history, scripture and beliefs of this major religion of India includes topics such as the doctrine of creation, karma, reincarnation and the problem of evil.

REL 354. LIFE BEYOND DEATH 4 sh

This course explores the various meanings of death and the afterlife found in selected religious traditions of the world. It will review perspectives on death from theologians and philosophers and examine popular metaphors for death as well as analyze the roles that the fear of death plays in the world's religions. Prerequisites: None. Offered fall.

- REL 355. PHILOSOPHY OF RELIGION** 4 sh
 This course is cross-listed with PHL 355.
- REL 358. YOGA: THE PRACTICE OF SPIRITUAL TRAINING** 4 sh
 This course will address and analyze the history and practice of spiritual training and self-cultivation developed in India. The course will help students understand different yogic paths and the practice of a variety of ascetic and meditative techniques as they have developed in Hinduism, Buddhism and Taoism. Offered spring.
- REL 361. ISLAM** 4 sh
 Study of the history, scripture and beliefs of Islam gives attention to Islam as an influential force in the contemporary world.
- REL 362. ISLAM IN AMERICA** 4 sh
 This course traces the history of the American Muslim communities, the differences between the experiences of African-American Muslims and immigrant Muslims, and the implications of their presence in the United States. Particular attention will be paid to various aspects of Muslim life in America, such as Muslim organizations, generational differences, gender and legal issues, conversion and everyday lifestyles. Offered fall.
- REL 363. MUSLIMS IN THE MODERN WORLD** 4 sh
 This course presents Muslims as a religious, cultural and political force from late modernity to the present. Students will study Islamic modernism and reform, the rise of political Islam, the interaction between Muslims and the West and the growing Muslim presence in the West. Attention will be given to the status of women in Muslim societies, Islamic law in modern nation-states and the effects of September 11, 2001. Offered spring.
- REL 364. APPROACHING THE QUR'AN** 4 sh
 This course introduces students to the sacred scripture of the Islamic faith, the Qur'an. It presents the history of Qur'anic revelation; language, structure and translations of the Qur'an; and interpretation and application of the scripture in the lives of Muslims. Special attention is given to Qur'anic verses on prophets, eschatology, creation, Jihad, women, and Jews and Christians, in comparison to the Old and New Testament where possible. Offered fall.
- REL 380. RELIGION IN CONTEMPORARY BRITAIN** 4 sh
 The focus of this travel course centers on a study of the beliefs and practices of various faith communities in a multicultural and plural society, specifically modern-day Britain.
- REL 381. JUDAISM** 4 sh
 This course introduces students to the history, texts, beliefs and practices of Judaism.
- REL 460-469. SPECIAL TOPICS** 4 sh
 These courses allow individual faculty members to teach courses on timely topics that are of special interest to students or on topics that are related to faculty research projects that may be of interest to students. Prerequisites: As appropriate for each course. Offered fall and spring.
- REL 471. SEMINAR: SPECIAL TOPICS** 1-4 sh
- REL 481. INTERNSHIP IN RELIGIOUS STUDIES** 1-4 sh
 This course provides opportunities for upper-level students to apply concepts and information gained in the religious studies classroom to actual experiences in local community and church agencies or as teaching assistants in freshman-level classes. Maximum four semester hours toward major. Prerequisites: junior/senior majors only, faculty approval.
- REL 491. INDEPENDENT STUDY** 1-4 sh
 Upper-class majors (or others by instructor consent) may complete individual study in

an area of special interest with the guidance of a member of the department. Maximum six semester hours credit.

REL 492. SENIOR SEMINAR **4 sh**

In this capstone course, the student and the department evaluate performance over the student's past years of study. Prerequisite: REL 292. Required of all majors during senior year.

REL 499. RESEARCH **1-4 sh**

Science

Associate Professors: Agnew, N. Harris, Seidel, Wright
 Assistant Professor: Lee

Science courses integrate the natural sciences, providing the opportunity to see the interrelatedness of the different science disciplines. Students experience the processes of science and relate the natural sciences to areas outside the classroom and laboratory.

SCI 121. SCIENCE WITHOUT BORDERS **4 sh**

Investigate the major ideas in the natural sciences and their commonalities in this non-traditional science course emphasizing the processes of science through hands-on, minds-on activities. Intended for nonscience majors, Science Without Borders is a natural science course, and students are responsible for understanding science content and processes. Students collaborate to prepare projects relating the natural sciences to a complex "real-world" problem and bring in other disciplines in a benefits/risks analysis. This course does not carry lab credit, but does count toward the nonlaboratory science General Studies requirement.

Science Education

Coordinator: Associate Professor Agnew

The Departments of Biology, Chemistry and Physics in cooperation with the Department of Education offer programs leading to the Bachelor of Arts in Science Education with Secondary Science Comprehensive Licensure and with Secondary Science Licensure in the areas of biology, chemistry and physics.

The Bachelor of Arts degree with Secondary Science Comprehensive Licensure requires the following courses:

Professional Studies courses in Education, Psychology and Information Systems	35 sh
PHY 102 Astronomy	4 sh
PHY 103 Geology	4 sh
All courses in one of the concentrations listed below	40 sh
Eight semester hours in science courses from each of the other two listed areas	4-16 sh
TOTAL	87-99 sh

Concentrations

Biology concentration:

BIO 111 Introductory Cell Biology	3 sh
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BIO 112	Introductory Population Biology	3 sh
BIO 113	Cell Biology Lab	1 sh
BIO 114	Population Biology Lab	1 sh
BIO 221	Zoology	4 sh
BIO 222	Botany	4 sh
BIO 322	Molecular/Cellular Biology	4 sh
CHM 111	General Chemistry I	3 sh
CHM 112	General Chemistry II	3 sh
CHM 113	General Chemistry I Lab	1 sh
CHM 114	General Chemistry II Lab	1 sh
CHM 211	Organic Chemistry I	3 sh
CHM 213	Organic Chemistry I Lab	1 sh
Select one course from:		4 sh
BIO 312	Comparative Vertebrate Anatomy	
BIO 321	Microbiology	
BIO 325	Human Histology	
BIO 335	Field Biology	
BIO 342	Plant Physiology	
BIO 452	General Ecology	
Select one course from:		4 sh
CHM 212/214	Organic Chemistry II & Lab	
CHM 205	Inorganic Chemistry	
CHM 332	Physical Chemistry I	

TOTAL **40 sh**

Chemistry concentration:

CHM 111	General Chemistry I	3 sh
CHM 112	General Chemistry II	3 sh
CHM 113	General Chemistry I Lab	1 sh
CHM 114	General Chemistry II Lab	1 sh
CHM 211	Organic Chemistry I	3 sh
CHM 212	Organic Chemistry II	3 sh
CHM 213	Organic Chemistry I Lab	1 sh
CHM 214	Organic Chemistry II Lab	1 sh
CHM 205	Inorganic Chemistry	4 sh or
CHM 311	Quantitative Analysis	
CHM 332	Physical Chemistry I	4 sh
BIO 111	Introductory Cell Biology	3 sh
BIO 113	Introductory Cell Biology Lab	1 sh
PHY 113	General Physics with Calculus I	4 sh
PHY 114	General Physics with Calculus II (Physics 111 and 112 may be substituted for Physics 113 and 114)	4 sh
MTH 121	Calculus and Analytic Geometry I	4 sh

TOTAL **40 sh**

Physics concentration:

PHY 113	General Physics with Calculus I	4 sh
PHY 114	General Physics with Calculus II	4 sh
<i>(Physics 111 and 112 may be selected to satisfy eight semester hours in Physics for Biology or Chemistry concentration.)</i>		
PHY 213	Modern Physics	4 sh
PHY 301	Classical Mechanics and Dynamical Systems	4 sh
PHY 311	Classical Electrodynamics	4 sh
PHY 312	Electricity, Magnetism and Field Theory	4 sh
PHY 411	Quantum Mechanics	4 sh
MTH 121	Calculus and Analytic Geometry I	4 sh
MTH 221	Calculus and Analytic Geometry II	4 sh
MTH 321	Calculus and Analytic Geometry III	4 sh
TOTAL		40 sh

Secondary Science Licensure

The Bachelor of Arts degree with Secondary Science Licensure requires the following courses:

Professional Studies Courses in Education and Psychology		35 sh
PHY 102	Astronomy	4 sh
PHY 103	Geology	4 sh
All courses in one of the concentrations listed below		40 sh
Twelve semester hours in science courses from one of the other two listed areas		0-12 sh
TOTAL		83-95 sh

Concentrations

Biology concentration:

BIO 111	Introductory Cell Biology	3 sh
BIO 112	Introductory Population Biology	3 sh
BIO 113	Cell Biology Lab	1 sh
BIO 114	Population Biology Lab	1 sh
BIO 221	Zoology	4 sh
BIO 222	Botany	4 sh
BIO 322	Molecular/Cellular Biology	4 sh
Select one course from:		4 sh
BIO 312	Comparative Vertebrate Anatomy	
BIO 321	Microbiology	
BIO 325	Human Histology	
BIO 335	Field Biology	
BIO 342	Plant Physiology	
BIO 452	General Ecology	
CHM 111	General Chemistry I	3 sh

CHM 112	General Chemistry II	3 sh
CHM 113	General Chemistry I Lab	1 sh
CHM 114	General Chemistry II Lab	1 sh
CHM 211	Organic Chemistry I	3 sh
CHM 213	Organic Chemistry I Lab	1 sh
Select one course from:		4 sh
CHM 212/214 Organic Chemistry II & Lab		
CHM 205 Inorganic Chemistry		
CHM 332 Physical Chemistry I		

TOTAL **40 sh**

Chemistry concentration:

CHM 111	General Chemistry I	3 sh
CHM 112	General Chemistry II	3 sh
CHM 113	General Chemistry I Lab	1 sh
CHM 114	General Chemistry II Lab	1 sh
CHM 211	Organic Chemistry I	3 sh
CHM 212	Organic Chemistry II	3 sh
CHM 213	Organic Chemistry I Lab	1 sh
CHM 214	Organic Chemistry II Lab	1 sh
CHM 205	Inorganic Chemistry	4 sh or
CHM 311	Quantitative Analysis	
CHM 332	Physical Chemistry I	4 sh
BIO 111	Introductory Cell Biology	3 sh
BIO 113	Introductory Cell Biology Lab	1 sh
PHY 113	General Physics with Calculus I	4 sh
PHY 114	General Physics with Calculus II	4 sh
(Physics 111 & 112 may be substituted for Physics 113 and 114)		
MTH 121	Calculus and Analytic Geometry I	4 sh

TOTAL **40 sh**

Physics Concentration:

PHY 113	General Physics with Calculus I	4 sh
PHY 114	General Physics with Calculus II	4 sh
PHY 213	Modern Physics	4 sh
PHY 301	Classical Mechanics and Dynamical Systems	4 sh
PHY 311	Classical Electrodynamics	4 sh
PHY 312	Electricity, Magnetism and Field Theory	4 sh
PHY 411	Quantum Mechanics	4 sh
MTH 121	Calculus and Analytic Geometry I	4 sh
MTH 221	Calculus and Analytic Geometry II	4 sh
MTH 321	Calculus and Analytic Geometry III	4 sh

TOTAL **40 sh**

Social Science

The disciplines of the social sciences offer several interdisciplinary courses that study the methods and approaches used in the social science fields. In addition, the social sciences host the Social Science Fellows program.

SSC 350. SCHOLARSHIP AT WORK: RESEARCH IN THE SOCIAL SCIENCES 2 sh

This course offers an interdisciplinary seminar exploring how scholars in the social sciences ask questions, explore topics and apply their research. Students must concurrently register for a research course (two semester hours) to work with a faculty mentor from the social science division to prepare a research proposal for a Fellows Project.

Prerequisites: acceptance as a Social Science Fellow and junior standing.

SSC 351. SCHOLARSHIP AT WORK: RESEARCH IN THE SOCIAL SCIENCES 2 sh

This course offers an interdisciplinary seminar exploring how scholars in the social sciences ask questions, explore topics and apply their research. Students must concurrently register for a research course (two semester hours) to work with a faculty mentor from the social science division to begin work on their Fellows Project. Prerequisites: acceptance as a Social Science Fellow and junior standing.

Sociology and Anthropology

Chair, Department of Sociology: Associate Professor A. Jones

Coordinator, Anthropology Minor: Professor Bolin

Professors: Arcaro, Basirico, T. Henricks

Assistant Professors: Curry, K. Jones, Mould

Adjunct: Smith-Nonini

Sociology and anthropology provide the student with an exceptional understanding of the world by developing an awareness of how society and culture shape our lives and perspectives. Studying sociology and anthropology is more like a journey in which we learn to stand outside ourselves to see our world with new eyes.

Sociologists and anthropologists study all forms and dimensions of human social and cultural behavior from the institutional to the interpersonal e.g., “How do people select a mate? How are people organized into groups such as sororities, fraternities and sports teams? How do institutions such as the family, economy, government, religion and health-care develop and affect our lives?”

With their wide scope, sociology and anthropology are linked to all the disciplines and are complementary to any major found at Elon. The U.S. is a culturally diverse society and solutions to our interpersonal, community, national and international problems demand an understanding of society and culture.

The sociocultural perspective students develop through sociology and anthropology is an asset not only in their personal lives, but also in business, politics, economics, healthcare, education, health and fitness, social services, the mental health field, urban planning, family planning and many other professions.

A major in Sociology requires the following courses:

SOC 111	Introductory Sociology	4 sh
SOC 112	Introduction to Cultural Anthropology	4 sh
SOC 215	Sociocultural Inquiry	4 sh
SOC 216	Research Methods in Sociology	4 sh