

mechanism in the context of the Standard Model. Prerequisite: PHYS481.

PHYS460 ◆ Alt (2.5)

Solid State Physics

A study of crystallography, x-ray diffraction, properties of crystalline and amorphous solids, band theory of solids, and lattice dynamics. Prerequisite: PHYS411.

PHYS475 (2.5)

Physics Review

A review and synthesis of physics concepts and analytical and experimental techniques in preparation for entry into a graduate program. Topics include classical, statistical and quantum mechanics, waves and classical fields. Prerequisite: PHYS411.

PHYS477 ◆ \$ (1)

Advanced Physics Laboratory II

Important phenomena, equipment, and techniques in modern experimental physics. Repeatable to 2 credits.

PHYS481, 482 ◆ Alt (3, 3)

Quantum Mechanics

The mechanics of small-scale physical phenomena as developed by Heisenberg, Schroedinger, and Dirac. Treatment of square well, step, and harmonic oscillator potentials; uncertainty relations; and symmetries to include angular momenta. Prerequisite or concurrently enrolled in PHYS411.

PHYS495 (1-3)

Independent Study/Research

Individually directed study or research in selected fields of physics. Repeatable to 6 credits. A minimum of 4 hours work per week is required for each credit earned. A written paper required. Approval of the instructor required.

PHYS530 (1-3)

Topics in Teaching Physics

Discussions on 1) the principles of physics and effective approaches for teaching them, or 2) the physics lab, its purposes, administrative and safety procedures, essential equipment, seminal experiments, data analysis, lab journal, and reports. Repeatable to 9 credits.

PHYS540 (2-3)

Topics in Physics

Study in one of the traditional areas of graduate physics such as electromagnetic theory, analytical or quantum mechanics, solid state, atomic, nuclear or high energy physics, astrophysics, relativity, or mathematical physics. Students must complete assigned readings and problems. Satisfactory performance on a written or oral comprehensive exam required. Repeatable to 9 credits.

PHYS648 (1-3)

Workshop

PHYS690 (1-3)

Independent Study/Research

Independent problems of research in selected fields of physics. Open to qualified students who show ability and initiative. Repeatable to 6 credits. A minimum of 4 hours work per week expected for each credit earned. Prerequisite: Consent of department chair.

RELIGION AND BIBLICAL LANGUAGES

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Susan P. Zork

Emeriti

Elly H. Economou

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| Academic Programs | Credits |
|---|---------|
| BA: Theology | |
| Pastoral Ministry | 68 |
| Secondary Education | 54 |
| Youth Ministry | 74 |
| BA: Religion | 31 |
| BA Distance Degree: Religion | 35 |
| AA: Personal Ministries | 32 |
| AA Distance Degree: Personal Ministries | 32 |
| Minor in Religion | 20 |
| Minor in Biblical Languages | 22 |
| Minor in Missions | 20 |

Programs

BA: Theology

Choose from one of the following:

Pastoral Ministry Emphasis—68

RELB110, 115, 210, 214, 335, 406, 476; RELH316, 317; HIST404; RELP200 (Twice), 240, 331, 332, 333, 334, 441, 442; RELT100, 226, 250, 308, 340, 400; BIBL211, 212, 311, 312, 321, 322, 427.

Required Cognates (9 credits): HIST404; RELH316, 317.

Minimum grades of C- must be earned in HIST404 and in all RELB, RELH, RELP, and RELT courses that apply to major requirements.

Youth Ministry Emphasis—76

RELB110, 115, 210, 214, 335, 406, 476; RELP200 (Twice), 240, 331, 332, 333, 334, 335, 441, 442; RELT100, 226, 250, 308, 340; BIBL211, 212, 311, 312, 321, 322.

Choose three from ANTH200, BHSC220, FMST454, 456, PSYC204, 251, 252, 319, 454, SOCI120, 345, 415, 430

Required Cognates (6 credits): HIST 404; RELH317.

Minimum grades of C- must be earned in HIST404 and in all RELB, RELH, RELP and RELT courses that apply to major requirements.

Secondary-Education Emphasis—56

RELB115, 210, 214, 335, 406, 476; RELT100, 226, 250, 308, 340; BIBL211, 212, 311, 312, 321, 322, RELP200 (Twice), 240, 331, 442

Required cognates (6 credits): HIST404, RELH317. Minimum grades of C must be earned in HIST404 and in all RELB, RELH, RELP, and RELT courses that apply to major requirements.

Denominational certification requirements (36 credits): EDPC302; EDTE165, 228, 408, 417, 424, 459, 476, 480, 487, 488. Minimum grades of a C must be earned in your major, minor, Professional Education Courses, or cognates to meet denominational certification requirements. An overall GPA of 2.5 is required for a teaching recommendation from the School of Education.

Students must consult with the certification clerk in the School of Education.

Second Major—56

Upon consultation with the Department of Religion & Biblical Languages a student may take this 56-credit Theology major along with an additional second major.

RELB115, 210, 214, 335, 406, 476; RELT100, 226, 250, 308, 340; BIBL211, 212, 311, 312, 321, 322, RELP200 (Twice), 240, 331, 442.

Required cognates (6 credits): HIST404, RELH317.

Minimum grades of C- must be earned in HIST404 and in all RELB, RELH, RELP, and RELT courses that apply to major requirements.

BA: Religion—31

RELB110, 115, 214, 335, 406, 476; RELT226, 308; RELP200 (Twice), 331, 442. The following four general education courses are also required: RELB210; RELT100, 250, 340. Minimum grades of C- must be earned in HIST404 and in all RELB, RELH, RELP and RELT courses to apply to major requirements.

Those electing a biblical language to meet the foreign language requirement must take either Greek or Hebrew through the intermediate level.

BA: Religion—35**(Distance Education)**

The distance education degree requires a minimum of 124 semester credits including all general education, major, and graduation requirements. The required courses are RELB210, 304, 305, 335, 374, 375; RELT225, 235, 290, 308; RELP441; HIST404.

Those electing Greek to meet the foreign language requirement must take Greek through the intermediate level.

Note: Students planning to enter the Seventh-day Adventist Theological Seminary should select a major in theology, a religion major may be selected but must be supplemented with Seminary prerequisite courses. For entrance requirements, see the Theological Seminary section of this bulletin.

AA: Personal Ministries—32**(Distance Education)**

This degree prepares students for personal outreach ministries, including Bible instruction, offers an opportunity to study a broad spectrum of courses covering both Old and New Testament. The courses listed below are required for distance education students only.

Requirements: RELB210, 304, 305, 335; RELT225, 290, 308, 320, 340; HIST404, choose one of the following: RELB374 or 375.

See course descriptions.

Students may earn only **one** General Studies associate degree.

Minor in Religion—20

6 upper-division credits, 15 credits in Biblical Studies (RELB) or Theology (RELT). The remaining 5 credits may be taken from any Religion & Biblical Languages Department offerings subject to consultation with the Department.

Minor in Biblical Languages—22

BIBL211, 212, 311, 312, 321, 322, 427, and 4 credits in BIBL495.

Minor in Missions—20

ANTH200; RELG360; RELP240, 235, 325, 340, one or two courses from FDNT469, HLED420; one or two courses from EDTE165, BSAD365, 450; ENGL465; one course from GEOG260, COMM436, FMST350.

Courses**(Credits)**

See inside front cover for symbol code.

BIBLICAL LANGUAGES**BIBL204** **V (4)****Elementary Greek I**

AU/HSI course. See content of BIBL211. BIBL204H and 205H must be taken successively.

BIBL205 **V (4)****Elementary Greek II**

AU/HSI course. A continuing study of the elements of the language of the New Testament in the context of a good working vocabulary and carefully selected readings. Prerequisite: BIBL204H or equivalent. BIBL204H and 205H together are equivalent to BIBL211.

BIBL211 **(3)****Elementary Greek I**

Elements of grammar of the *koine* Greek of the New Testament, including vocabulary, translation, and reading. Weekly lab required. *Fall*

BIBL212 **(3)****Elementary Greek II**

Instruction in intermediate grammar and reading of selected portions of the New Testament. Weekly lab required. Prerequisite: BIBL211. *Spring*

- BIBL304** V (3)
Intermediate Greek I
AU/HSI course—intermediate course in Greek to provide a fair working knowledge of the New Testament in the original language. Prerequisite: BIBL205H or equivalent.
- BIBL305** V (3)
Intermediate Greek II
AU/HSI course. Continues to refine the student’s working knowledge of the New Testament in the original language. Prerequisite: BIBL304H or equivalent. BIBL304H and 305H together are equivalent to BIBL212.
- BIBL311** (2)
Intermediate Greek I
Syntax of the *koine* Greek New Testament including practical application. Weekly lab required. Prerequisite BIBL212. *Fall*
- BIBL312** (2)
Intermediate Greek II
Application of the principles of the *koine* Greek grammar and syntax to the exegesis of selected passages from the Greek New Testament. Emphasis placed upon practical and scholarly application of the text. Prerequisites: BIBL311 and RELB115. *Spring*
- BIBL321** (3)
Elementary Hebrew
Fundamentals of Biblical Hebrew including a practical vocabulary, an understanding of the grammatical structure of the language, and practice in translation. Provides ministers with a practical study tool. Weekly lab required. *Fall*
- BIBL322** (3)
Intermediate Hebrew
Development of reading ability in narrative portions of the Hebrew Bible. Weekly lab required. Prerequisite: BIBL321. *Spring*
- BIBL427** (2)
Hebrew Exegesis
Application of the principles of Hebrew lexicography, grammar, syntax and style to the exegesis of selected passages of the Hebrew Old Testament. Emphasis placed upon practical and scholarly application of the text. Prerequisites: BIBL322, RELB115. *Fall*
- BIBL495** (1–3)
Independent Study
Provides opportunity for further and independent investigation of the history, development, and exegesis of the biblical text. *Fall, Spring, Summer*
- BIBLICAL STUDIES**
- RELB110** (3)
Biblical Backgrounds
Archaeological, cultural, geographical, and historical backgrounds of the Old and New Testaments. *Spring*
- RELB115** (3)
Hermeneutics
An introduction to the presuppositions beneath various interpretive approaches to the biblical text and application of the principles of interpretation to texts representing the various genres of the Old and New Testaments. *Fall*
- RELB210** (3)
Jesus in His Time and Ours
Details the mission, the message and the meaning of Jesus Christ for His day and for ours. What is it about the Christian story that captured the attention of so much of world history? Also examines the connection between Christ’s first Advent and His second. Prerequisite: RELT100. *Fall, Spring, Summer*
- RELB210** V (3)
Jesus in His Time and Ours
AU/HSI course—see content above. Available in standard and EEC formats (see p. 45).
- RELB214** (4)
Law and Writings of the Old Testament
An introduction to The Pentateuch and the “Writings” (historical books, Psalms, and Wisdom literature). *Fall*
- RELB304** V (3)
Studies in Daniel
AU/HSI course—see RELB406.
- RELB305** V (3)
Studies in Revelation
AU/HSI course—see RELB406.
- RELB335** (4)
Acts and Epistles
Brief introduction to principles of New Testament interpretation; a study of Acts, the Pauline Epistles, Hebrews, and the General Epistles. Research paper may be required. *Spring*
- RELB335** V (3)
Acts and Epistles I
AU/HSI course—see content above.
- RELB374** V (3)
Old Testament Prophets, Early
AU/HSI course. Includes the history of prophecy, the pre-writing prophetic figures, and the books of the writing prophets of the 8th and early 7th century B.C. Research paper may be required.
- RELB375** V (3)
Old Testament Prophets, Later
AU/HSI course. Includes the books of the writing prophets of the 7th century B.C. to the end of the prophetic canon. Research paper may be required.
- RELB406** (4)
Studies in Daniel and Revelation
Study of the background, content, and construction of these biblical books with emphasis upon the interpretation of prophecy, apocalyptic imagery and symbols. *Fall*
- RELB476** (4)
Prophets of Israel
Includes the history of prophecy, the pre-writing prophetic figures, and the books of the writing prophets. Research paper may be required. *Spring*

GENERAL RELIGION

RELG160 (1–3)
Topics in Religion

Designed to add flexibility to the department offerings and to meet diverse student needs. Repeatable as topics vary. Consult the class schedule for the current topic. *Fall, Spring, Summer*

RELG248 (1–3)
Workshop

Provides flexibility for the occasional workshop where it is appropriate to offer religion credit. Workshop requirements must be approved by the department. *Fall, Spring*

RELG360 S (1–3)
Topics in Religion

Designed to add flexibility to the department offerings and to meet diverse student needs. Repeatable as topics vary. Consult the class schedule for the current topic. This course qualifies for a deferred grade when it requires research. *Fall, Spring, Summer*

RELG360 V (3)
Topics in Religion: World Religions

AU/HSI course. Surveys the major religious traditions of the world. Study includes an overview of origins, major philosophical and theological underpinnings, typical aspects of worship and ethics, and major social, cultural and political influences. Study is done from a consciously Christian framework. Available in standard and EEC formats (see p. 45).

RELG380-50 (1–3)
Honors in Religion (topic specified)

Readings and seminar observations on various topics. Area of study announced in advance. Repeatable as topics vary. *Fall, Spring*

RELG496 (1–3)
Special Projects in Religion

By special permission of the Department of Religion and Biblical Languages. *Fall, Spring, Summer*

CHURCH HISTORY

RELH316 (3)
History of the Christian Church I

Surveys the internal and external developments and conflicts which Christianity has experienced in time and space from the time of Christ up to the Reformation. Special attention given to those developments that relate to Seventh-day Adventist theological heritage. Aims to enable the student to develop a broader historical perspective through which to see the outworking of the great controversy through the centuries, especially as it relates to issues the church faces today. Prerequisite: HIST117 or permission of instructor. Not applicable to the General Education requirements in religion nor a major or minor in religion. *Fall*

RELH316 V (3)
History of the Christian Church I
AU/HSI course—see content above.

RELH317 (3)
History of the Christian Church II

Surveys the history of the church from the Protestant Reformation to current time. Special attention is given to the Protestant

Reformation, the Catholic counter-reformation, Puritanism, Rationalism, Evangelicalism, the rise of modern denominations, the world-wide mission expansion, and ecumenism. Prerequisite: HIST118 or permission of instructor. Not applicable to the General Education requirements in religion. *Spring*

RELH317 V (3)
History of the Christian Church II
AU/HSI course—see content above.

PROFESSIONAL TRAINING

RELP200 (5)
Pastoral Practicum

A weekly seminar giving instruction in the many aspects of ministering in churches. Includes assignment to one of the area churches. Required of all theology/religion majors. Students must attend this class each semester in residence, however it is registered for and graded only once each year. Minimum requirement of 1 credit. *Fall, Spring*

RELP235 (2)
Christianity in a World Context

An introduction to the status and role of Christianity and mission worldwide. Includes a brief history of Christian mission, current facts about mission needs, Christian and mission relationships to world religions, political ideologies, national development, and non-Western cultures. *Fall*

RELP240 (0–3)
Christian Witnessing/Public Evangelism Seminar

Acquaintance with the dynamics of Christian witnessing in the neighborhood, at work, and in the friend-to-friend approach of personal Bible study. Christ's example of witnessing is highlighted. Includes participation in the departmental summer field school. *Spring, Summer*

RELP290 V (3)
Introduction to Pastoral Counseling

AU/HSI course. Understanding that pastoring includes counseling, this course introduces both the actual skill of counseling and the acquisition of knowledge and insights based on reading and experience.

RELP325 (2–6)
Preparation for Mission Service

An orientation of mission candidates to contemporary mission. A maximum of 3 credits is allowed for student missionaries and 4–6 credits for appointees to the Mission Institute. A maximum of 3 credits is applicable to the General Education religion requirement. *Fall, Spring*

RELP331 (1)
Homiletics I—Introduction to Preaching

Lays the foundation for biblical sermon construction and delivery. This class is a prerequisite for all other homiletics courses and is a requirement for all religion/theology majors. Weekly lab required. *Fall*

RELP332 (1)
Homiletics II—Biblical Preaching

Addresses the crucial nature of expository preaching, stressing proper principles of interpreting and applying the text to practical life. Weekly lab required. Prerequisite: RELP331. *Spring*

- RELP333** (1) **RELT100** V (3)
Homiletics III—Contextualized Preaching
 Explores the dynamics of effective preaching to a particular cultural group with an emphasis on the distinctive homiletical, rhetorical and cultural qualities required for the effective proclamation of the Gospel to each group. Weekly lab required. Prerequisite: RELP332. *Fall*
- RELP334** (1) **RELT216** (2)
Homiletics IV—Evangelistic and Special Events Preaching
 Addresses the needs of special preaching events such as evangelistic crusades, weddings, funerals, and dedications. Weekly lab required. Prerequisite: RELP333. *Spring*
- RELP335** (3) **RELT225** (3)
Foundations of Youth Ministry
 Designed for the youth specialist who wishes to work as a youth pastor, youth director, academy Bible teacher, or in any other youth-training capacity. *Fall*
- RELP340** (2) **RELT225** V (3)
Strategies for Service
 Creates the vision that all Christians can serve in mission. Shows how to witness in cross-cultural situations and introduces students to ways they can do mission in any occupation. Alternate forms of mission like tent-maker ministries, non-resident missionaries, urban ministry, and work with refugees and foreign students are addressed. *Spring*
- RELP400** S (3) **RELT226** (3)
Senior Seminar: Health Professions
 A capstone seminar for health profession majors which addresses theoretical and practical spiritual issues pertaining to those working in the health professions. *Fall*
- RELP441** (2) **RELT235** V (3)
Introduction to Pastoral Ministry
 A study of the minister as leader of worship, as nurturing pastor, as administrator of the church and as evangelist. *Spring*
- RELP441** V (3) **RELT250** (3)
Introduction to Pastoral Ministry
 AU/HSI course. A study of good church administration, combining pastoral leadership with church management. Addresses the four-dimensional role of the pastor—person, administrator, church leader, and priest.
- RELP442** (2) **RELT308** (2–3)
Introduction to Church Leadership
 A study of the principles of leadership as applied to pastoral ministry. *Fall*
- THEOLOGY**
- RELT100** (3) **RELT308** V (2)
God and Human Life
 How God confronts human beings—includes the process of revelation, principles of interpreting Scripture and similarly inspired material, the nature of God and His expectations for humans, and the evaluation of these concepts as presented in Scripture and the classic literature of various religions. *Fall, Spring, Summer*
- RELT100** V (3)
God and Human Life
 AU/HSI course—see content above. Available in standard and EEC formats (see p. 45).
- RELT216** (2)
Workshop in Prayer
 Study of faith, private prayer, family worship, conducting prayer groups, public prayer, and prayer as a ministry. Not applicable toward the theology concentration or major in religion. *Fall, Spring*
- RELT225** (3)
Doctrines of the Adventist Faith
 Defines and clarifies the Biblical doctrines of the Seventh-day Adventist faith, distinguishing them within the background of the Judeo-Christian tradition. Student can earn general education credit in either RELT225 or 226, but not in both. Prerequisite: RELT100. *Fall, Spring, Summer*
- RELT225** V (3)
Doctrines of the Adventist Faith
 AU/HSI course—see content above.
- RELT226** (3)
Advanced Adventist Theology
 Examines fundamental Seventh-day Adventist teachings regarding the Sabbath, Second Advent, and Sanctuary in the context of such interrelated doctrines as the nature of man, Christ's atoning sacrifice and heavenly ministry, and the pre- and post-Advent judgments. Designed to help students appreciate more fully not only the validity of these doctrines, but also their relevance for their Christian life. Research paper may be required. Student can earn general education credit in either RELT225 or 226, but not in both. *Fall*
- RELT235** V (3)
Principles of Bible Instruction
 AU/HSI course to help students develop necessary skills and expertise vital for success in Bible instruction.
- RELT250** (3)
Personal Spirituality and Faith
 A study of the Biblical perspective on the act of faith and the life of faith. How does a person begin and nurture one's own personal spiritual and devotional life? Also studies the meaning of spiritual nurture in various lifestyle and work settings. Personal spiritual growth is fostered through involvement in organized church activities and/or witnessing outreach. Prerequisite: RELT100. *Fall, Spring, Summer*
- RELT308** (2–3)
Gift of Prophecy
 Study of the prophetic manifestation in Bible and church to include the ministry and writings of Ellen G. White. Research paper may be required. *Fall*
- RELT308** V (2)
Gift of Prophecy
 AU/HSI course—see content above.

RELT320 V (3)***Personal Evangelism***

AU/HSI course. The dynamics of personal evangelism with primary emphasis on instruction rather than exhortation. A clear biblical perspective on the priesthood of all believers; practical counseling for leading someone to Christ; a strategy for visitation; a Bible study methodology; and techniques in getting decisions.

RELT340 (3)***Religion and Ethics in Modern Society***

Considers how the Judeo-Christian tradition confronts the moral complexities of a highly technical society. Are there universal absolutes that cross all cultural boundaries, or are all values relative? Designed to help students articulate what molded their value system and what should help to shape it. Students are expected to participate in some organized church/civic/social service activities. Student can earn general education credit in either RELT340 or 390, but not in both. Prerequisite: RELT100. *Fall, Spring, Summer*

RELT340 V (3)***Religion and Ethics in Modern Society***

AU/HSI course—see content above.

RELT348 S (3)***Christians and the Environment***

A religious, philosophical, and activist approach to environmental issues, analyzing ideological causes of environmental degradation, and offering philosophical and theological perspectives which inform and sensitize the student to the Christian's environmental responsibility. Qualifies as an "S" course for General Education Service Learning. Contains a service component. *Spring*

RELT390 (3)***Christian Business Ethics***

Designed for the student to examine differing ethical models and to develop a personal model that will serve as the basis on which a Seventh-day Adventist Christian will make personal value decisions. The developed model is used in examining actual ethical issues which confront people in daily affairs of business life. Student can earn general education credit in either RELT340 or 390, but not in both. Prerequisite: RELT100. (Open only to upper division BBA students). *Spring*

RELT400 (2)***Theology Seminar***

Designed for the senior theology major as a means to address current issues and doctrines in the Seventh-day Adventist Church. Students present the results of their scholarly research in a seminar format. *Spring*

SOCIAL WORK

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Faculty

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Shelly J. Perry, *Director of Field*
John Gavin
Susan Murray
Marciana L. Popescu
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| Academic Programs | Credits |
|--|---------|
| BSW (Bachelor of Social Work) | 63 |
| MSW (Master of Social Work) | |
| Interpersonal Practice | |
| Administration and Development | |
| • <i>Two-year regular program</i> | 56 |
| • <i>One-year advanced-placement program</i> | 33 |
| • <i>Two-year advanced-placement program</i> | 39 |

The mission of the Department of Social Work is to prepare individuals for excellence during a lifetime of professional service and Christian compassion in action.

Spring Semester 2006

Jan. 9 Mon BSW and MSW classes begin

Undergraduate Program

BSW (Bachelor of Social Work)—63

The Bachelor of Social Work (BSW) is a professional degree which allows the graduate to enter the field of social work at the first level of practice or to have the opportunity to be admitted to a Master of Social Work (MSW) program with advanced standing. The program is accredited by the Council on Social Work Education through the year 2011. The foundation curriculum consists of five areas of emphasis that are required in every BSW program: Human Behavior and the Social Environment, Social Welfare Policy, Research, Professional Practice, and Practicum. Throughout the curriculum, the program integrates concepts of professional ethics and values, critical thinking, and sensitivity to diversity, oppression, social and economic justice, and populations-at-risk.

Although students may declare themselves as social work majors in their freshman or sophomore year, they must apply for acceptance into the social work program. Application is made at the end of the sophomore year for formal acceptance into the program in the fall of the junior year. Applications are available from the undergraduate program director.