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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Emeriti
Elly H. Economou
A. Josef Greig
S. Douglas Waterhouse

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 that 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, 430; 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
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
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
Intermediate Greek I
Syntax of the koine Greek New Testament including practical application. Weekly lab required. Prerequisite BIBL212. Fall

BIBL312
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
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
Intermediate Hebrew
Development of reading ability in narrative portions of the Hebrew Bible. Weekly lab required. Prerequisite: BIBL321. Spring

BIBL427
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
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
Biblical Backgrounds
Archaeological, cultural, geographical, and historical backgrounds of the Old and New Testaments. Spring

RELB115
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

RELB204
Studies in Daniel
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

RELB205
Studies in Revelation
Jesus in His Time and Ours
AU/HIS course—see content above. Available in standard and EEC formats (see p. 45).

RELB214
Law and Writings of the Old Testament
An introduction to The Pentateuch and the "Writings" (historical books, Psalms, and Wisdom literature). Fall

RELB304
Studies in Daniel
V (3)

RELB305
Studies in Revelation
V (3)

RELB335
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
Acts and Epistles I
AU/HIS course—see content above.

RELB374
Old Testament Prophets, Early
AU/HIS 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
Old Testament Prophets, Later
AU/HIS 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
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
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

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

GENERAL RELIGION

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

RELH316 (3)
History of the Christian Church I
Surveys the history of the church from the Protestant Reformation to current time. Special attention is given to the Protestant 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. Spring

PROFESSIONAL TRAINING

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

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).

RELG360 S (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

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...
REL333  
*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: REL332. *Fall*

REL334  
*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: REL333. *Spring*

REL335  
*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*

REL340  
*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*

REL400  
*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*

REL441  
*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*

REL441  
*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. *Spring*

REL442  
*Introduction to Church Leadership*

A study of the principles of leadership as applied to pastoral ministry. *Fall*

THEOLOGY

REL100  
*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*

REL100  
*God and Human Life*

AU/HSI course—see content above. Available in standard and EEC formats (see p. 45). *V (3)*

REL216  
*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*

REL225  
*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 REL225 or 226, but not in both. Prerequisite: REL100. *Fall, Spring, Summer*

REL225  
*Doctrines of the Adventist Faith*

AU/HSI course—see content above. *V (3)*

REL226  
*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 REL225 or 226, but not in both. *Fall*

REL235  
*Principles of Bible Instruction*

AU/HSI course to help students develop necessary skills and expertise vital for success in Bible instruction. *V (3)*

REL250  
*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: REL100. *Fall, Spring, Summer*

REL308  
*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*

REL308  
*Gift of Prophecy*

AU/HSI course—see content above. *V (2)*
RELT320 (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 (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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Curtis J. VanderWaal
Jan F. Wrenn

Academic Programs Credits
BSW (Bachelor of Social Work) 63
MSW (Master of Social Work)
  Interpersonal Practice
  Administration and Development
  • Two-year regular program 56
  • One-year advanced-placement program 33
  • Two-year advanced-placement program 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.