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, problem-solving, or research in selected fields of physics. A minimum of 4 hours work per week is required for each credit earned and a written paper is required. Repeatable to 6 credits. Prerequisite: Approval of the instructor.

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

An intensive program for middle school and secondary teachers and teachers-in-training who seek certification or endorsement in physics and who wish to update and expand their skills in the physics laboratory.

PHYS690 (1-3)

Independent Study/Research

Individually directed study, problem-solving, or research in selected fields of physics. Open to qualified students who show ability and initiative. A minimum of 4 hours work per week expected for each credit earned. Repeatable to 6 credits. Prerequisite: Consent of department chair.

RELIGION AND BIBLICAL LANGUAGES

Griggs Hall, Room 214 (269) 471-3177 Fax: (269) 471-6258 religion@andrews.edu http://www.andrews.edu/RELG

Faculty

Ranko Stefanovic, *Chair*Lael O. Caesar
Ante Jeronic
Ruben Munoz-Larrondo
Keith E. Mattingly
Glenn E. Russell
Susan P. Zork

Emeriti

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

Academic Programs	Credits
BA: Theology	
Pastoral Ministry	65
Secondary Education	56
Youth Ministry	75
BA: Religion	31
BA: Religion (Distance Degree)	35
AA: Bible Work and Evangelistic Ministries	36
AA: Personal Ministries (Distance Degree)	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—65

RELB110, 115, 210, 214, 335, 406, 476; RELP200 (each semester registered), 240, 330; two courses from 336 or 337 or 338; 441, 442; RELT100, 226, 250, 308, 340; 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

Graduation Requirement: Ministerial candidacy

Youth Ministry Emphasis—75

RELB110, 115, 210, 214, 335, 406, 476; RELP200 (each semester registered), 240, 330; two courses from 336 or 337 or 338; 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, SOC1120, 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.

Graduation Requirement: Ministerial candidacy

Secondary-Education Emphasis—56

RELB115, 210, 214, 335, 406, 476; RELT100, 226, 250, 308, 340; BIBL211, 212, 311, 312, 321, 322, RELP200 (each semester registered), 240, 330, 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.

Graduation Requirement: Ministerial candidacy

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 (each semester registered), 240, 330, 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.

Graduation Requirement: Ministerial candidacy

BA: Religion—31

RELB110, 115, 214, 335, 406, 476; RELT226, 308; RELP200 (each semester registered), 330, 442. The following four general education courses are also required: RELB210; RELT100, 250, 340. Minimum grades of C- must be earned in all RELB, RELH, RELP and RELT courses to apply to major requirements.

The General Education foreign language requirement for the BA: Religion is to be fulfilled only by either Greek or Hebrew at the intermediate level.

Graduation Requirement: Ministerial candidacy

Christian-Muslim Studies Emphasis

(Offered at the Newbold College affiliated campus only. Details of program available from the Office of Affiliation and Extension Programs.)

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, 308; RELP290, 441; 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.

AA: Bible Work and Evangelistic Ministries—36

This degree, offered through a cooperative effort between Andrews University and ARISE Institute, prepares students to serve as Bible Workers and Bible Work Supervisors. The first semester is normally at ARISE Institute for practical training in front-line evangelistic ministry while the last three semesters are at Andrews University. This degree is not intended to prepare students for pastoral ministry.

Requirements: HIST404, RELB115, 335, 406, RELP200 (each semester registered). 330, RELT226, 308, and sixteen credits from ARISE in Bible Doctrines (3), Human Spirituality and the Bible (3), Apologetics (2), Bible Study Presentation (3), Outreach Resources (2), and Evangelism (3) to be brought into the Andrews University records through credit by exam. Minimum grades of C- must be earned in HIST404 and in all RELB, RELP and RELT courses that apply to major requirements.

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.

185

Courses (Credits)

See inside front cover for symbol code.

Biblical Languages

BIBL204 V (4)

Elementary Greek I

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

BIBL205 V (4)

Elementary Greek II

AU/GU 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: BIBL204V or equivalent.

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/GU 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/GU course. Continues to refine the student's working knowledge of the New Testament in the original language. Prerequisite: BIBL304V or equivalent.

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/GU course—see content above. Available in standard and EEC formats (see p. 54).

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/GU course—see RELB406.

RELB305 V (3)

Studies in Revelation

AU/GU 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/GU course—see content above.

RELB374 V (3) Church History

Old Testament Prophets, Early

AU/GU 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/GU 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/GU 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. 54).

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*

RELH316 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

(3)

RELH316 V (3)

History of the Christian Church I

minor in religion. Fall

AU/GU 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/GU course—see content above.

RELH400 (3)

SDA History and Prophetic Heritage

An investigation of the background, rise, and development of the Seventh-day Adventist church in America and the world from its beginning until the present with special attention given to the historical role, ministry and writings of Ellen White. *Summer*

Professional Training

RELP200 (0)

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 register for this class each semester in residence. *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*

187

RELP290 V (3) RELP441 V (3)

Introduction to Pastoral Counseling

AU/GU 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*

RELP330 (2)

Homiletics—Introduction to Preaching

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

RELP336 (1)

Homiletics—Expository Preaching

Addresses the crucial nature of expository preaching, stressing proper principles of interpreting and applying the text to practical life. Weekly lab required. Prerequisite: RELP330. *Spring*

RELP337 (1)

Homiletics—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: RELP330. *Fall*

RELP338 (1)

Homiletics—Evangelistic and Special Events Preaching

Addresses the needs of special preaching events such as evangelistic crusades, weddings, funerals, and dedications. Weekly lab required. Prerequisite: RELP330. *Spring*

RELP335 (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)

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)

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)

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*

Introduction to Pastoral Ministry

AU/GU 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)

Introduction to Church Leadership

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

Theology

RELT100 (3)

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/GU course—see content above. Available in standard and EEC formats (see p. 54).

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/GU 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/GU course to help students develop necessary skills and expertise vital for success in Bible instruction.

RELT250

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/GU course—see content above.

RELT320 V (3)

Personal Evangelism

AU/GU 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/GU 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*

SOCIAL WORK

Nethery Hall, Room 08 (269) 471-6196 FAX: (269) 471-3686 swinfo@andrews.edu http://www.andrews.edu/SOWK/

Faculty

(3)

Curtis J. VanderWaal, Chair

Michael A. Wright, MSW Program Director

Oliver J. Davis, BSW Program Director

Shelly J. Perry, Director of Field

John Gavin, BSW Program Associate Director—Off-Campus BSW Site

Ann-Marie Jones

Susan E. Murray

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

Mission

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.

Undergraduate Program

BSW (Bachelor of Social Work)—63

The Bachelor of Social Work (BSW) is a professional degree which prepares graduates for generalist professional practice and/or the opportunity to be admitted to a Master of Social Work (MSW) program with advanced standing within appropriate advanced standing GPA guidelines. In addition to the on-campus BSW program, the BSW program is offered as an off-campus program at Columbia Union College, Takoma Park, MD. The off-campus BSW program is administered and delivered by the AU Department of Social Work and upon completion the BSW is conferred by Andrews University. The AU baccalaureate program is accredited by the Council on Social Work Education through the year 2011.

The foundation curriculum consists of seven content areas that are required in every BSW program: (1) Values and Ethics, (2) Diversity, (3) Populations-at-Risk and Social and Economic Justice, (4) Human Behavior and the Social Environment, (5) Social Welfare Policy and Services, (6) Social Work Practice, (7) Research. 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. Field education is an integral component of the program.