B.A. Physics

2014-2015 Sample Course Schedule — This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.

FALL			WINTER		
Comp. Thinking for Sci. (I-2-b,c) College Composition I Precalculus Algebra Descriptive Astronomy Southern Connections History (I-3-a)	3 3 3 1 3 16	ENGL 102 MATH 121 RELB 125 PEAC 125 COMM 135	College Composition II Pre-calculus Trigonometry Life and Teachings of Jesus Fitness for Collegiate Life (P-1-a) Intro to Public Speaking Aesthetic & Skills Dev. (S-3)	3 2 3 1 3 <u>3</u> 15	
R					
University Physics I University Physics I Lab Calculus I Physical Activity (P-1-b) RELT 138, 225, or 255 Minor Electives	4 1 4 1 3 3 16	PHYS 222 PHYS 224 MATH 192	University Physics II University Physics II Lab Calculus II Personal/Social Adj. (S-2) Minor Electives	4 1 4 3 3 3 15	
Modern Physics Calculus III Undergrad. Research (<u>MJ Elective</u>) U.D. Biblical Studies (R-3)(W) Foreign Language (I-3-c) Health Science (P-2)	3 4 1 3 3 2 16	PHYS 412 MATH 315	Quantum Mechanics Differential Equations U.D. Physics (MJ Electives) Foreign Language (I-3-c) U.D. Minor Electives Physical Activity (P-1-b)	3 3 3 3 1 16	
aR.					
Scientific Wrtg & Presentation (W)* Physics (MJ Electives) Econ. & Bus. Basics (I-5) U.D. Minor Electives Elective	1 3 3 6 3 16	PHYS 400 RELT 317 PEAC 425	Physics Portfolio (elective) Issues in Phys Science & Religion Fit for Hire (P-1-c) U.D. Physics (MJ Electives) U.D Aesthetic & Skills Dev. (S-3) (W) U.D. Minor Electives	1 3 1 3 3 3 14	
	Comp. Thinking for Sci. (I-2-b,c) College Composition I Precalculus Algebra Descriptive Astronomy Southern Connections History (I-3-a) R University Physics I University Physics I Lab Calculus I Physical Activity (P-1-b) RELT 138, 225, or 255 Minor Electives Modern Physics Calculus III Undergrad. Research (MJ Elective) U.D. Biblical Studies (R-3)(W) Foreign Language (I-3-c) Health Science (P-2) RR Scientific Wrtg & Presentation (W)* Physics (MJ Electives) Econ. & Bus. Basics (I-5) U.D. Minor Electives	Comp. Thinking for Sci. (I-2-b,c) College Composition I Precalculus Algebra Descriptive Astronomy 3 Southern Connections History (I-3-a) 16 R University Physics I University Physics I Lab Calculus I Physical Activity (P-1-b) RELT 138, 225, or 255 Minor Electives Modern Physics Calculus III Undergrad. Research (MJ Elective) U.D. Biblical Studies (R-3)(W) Foreign Language (I-3-c) Health Science (P-2) 2 16 R Scientific Wrtg & Presentation (W)* Physics (MJ Electives) Econ. & Bus. Basics (I-5) U.D. Minor Electives Elective 1 2 3 3 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 8 7 8 7	Comp. Thinking for Sci. (I-2-b,c) College Composition I Precalculus Algebra Descriptive Astronomy 3 PEAC 125 Southern Connections History (I-3-a) 16 R University Physics I University Physics I Lab Calculus I Physical Activity (P-1-b) RELT 138, 225, or 255 Minor Electives Modern Physics Calculus III Undergrad. Research (MJ Elective) U.D. Biblical Studies (R-3)(W) Foreign Language (I-3-c) Health Science (P-2) 2 16 R Scientific Wrtg & Presentation (W)* Physics (MJ Electives) U.D. Minor Electives 3 RELT 317 Econ. & Bus. Basics (I-5) U.D. Minor Electives 6 Elective 3 RECT 317 PEAC 425 U.D. Minor Electives 6 Elective 3 RELT 317 PEAC 425 Label 19 AMATH 121 AMATH 121 AMATH 315 AMATH 121 AMATH 192 PHYS 222 MATH 192 PHYS 412 MATH 315 PHYS 412 MATH 315 PHYS 412 AMATH 315 PHYS 412 PHYS 422 PHYS 412 AMATH 315 PHYS 412 AMATH 315 PHYS 412 PHYS 412 AMATH 315 PHYS 412 AMATH 315 PHYS 412 AMATH 315 PH	Comp. Thinking for Sci. (I-2-b,c) 3 ENGL 102 College Composition II College Composition 1 3 MATH 121 Pre-calculus Trigonometry Precalculus Algebra 3 RELB 125 Life and Teachings of Jesus Descriptive Astronomy 3 PEAC 125 Fitness for Collegiate Life (P-1-a) Southern Connections 1 COMM 135 Intro to Public Speaking History (I-3-a) 3 Aesthetic & Skills Dev. (S-3) R University Physics 1 4 PHYS 222 University Physics II University Physics I Lab 1 PHYS 224 University Physics II Lab Calculus 1 4 MATH 192 Calculus II Physical Activity (P-1-b) 1 Personal/Social Adj. (S-2) RELT 138, 225, or 255 3 Minor Electives Modern Physics 3 PHYS 412 Quantum Mechanics Calculus III 4 MATH 315 Differential Equations UnD. Biblical Studies (R-3)(W) 3 Foreign Language (I-3-c) Foreign Language (I-3-c) 3 U.D. Minor Electives Health Science (P-2) 2 Physics (MI Electives) R Scientific Wrtg & Presentation (W)* 1 PHYS 400 Physics Portfolio (elective) Information of the physics of the Control of the	

^{*}Preparation for Scientific Writing can be obtained via PHYS 497 the previous semester or as part of a summer research appointment (e.g. through the National Science Foundation Research Experience for Undergraduates program).