



# ANDERSON UNIVERSITY

## Liberal Arts Program Requirements (Effective Fall 2016)

### FOUNDATIONAL SKILLS

**Requirement: 17-20 hrs**

___ F1	UNDERSTANDING COLLEGE:	LART 1050 – 1 hr	First Year Experience Seminar
___ F2	CRITICAL THINKING:	LART 1100 – 2 hrs	Critical Thinking Seminar
___ F3	Written Communication:	Requirement: 3-6 hrs	
	Writing: Requirement: 3-7 hrs	(Grade of C- or better required)	
___ ENGL 1100	– 4 hrs	Rhetoric & Composition (Basic) or *	___ ENGL 1110 – 3 hrs Rhetoric & Composition
	* (Depending on placement, students go from ENGL 1100 or 1110 to ENGL 1120)		
___ ENGL 1120	– 3 hrs	Rhetoric & Research	
___ HNRS 2110	– 5 hrs	The Scholar in the Academy: War and Peace in the Western Tradition (Honors Program only)	
___	Two Writing Intensive Courses (beyond ENGL 1120 or HNRS 2110-prerequisite)		
	At least one course must be upper division. (See Advanced Writing Competency List for approved courses.)		
___ F4	Speaking and Listening:	Requirement 3 hrs	
___	COMM 1000 – 3 hrs	Introduction to Speech Communication	
___	Speaking Intensive (SI) Designation: one course (See Speaking Intensive List for approved courses.)		
___ F5	Quantitative Reasoning:	Requirement: 3 hrs	Has student demonstrated math proficiency? ___yes ___no
	If no, student must pass MATH 1000 prior to taking any Quantitative Reasoning course		
___ CPSC 1100	–3 hrs	Business Computer Applications	___ MATH 1300 –3 hrs Finite Mathematics
___ CPSC 1200	–4 hrs	Introduction to Web Programming	___ MATH 1400 –4 hrs Applied Calculus
___ CPSC 1400	–4 hrs	Computer Science I	___ MATH 2010 –4 hrs Calculus I
___ LEAD 3100	–3 hrs	Intro to Research/Analysis of Statistics (Adults only)	___ MATH 2120 –4 hrs Introductory Statistics-with Applications
___ MATH 1100	–4 hrs	Elementary Mathematics – Numeration Sys	___ PSYC 2440 –4 hrs Applied Statistics/Intro to Research
___ MATH 1250	–3 hrs	Explorations in Mathematics	
___ F6	Biblical Literacy:	Requirement: 3 hrs	
___ BIBL 2000	–3 hrs	Introduction to the Bible ( <i>Sophomore standing required, except for majors in the Department of Christian Ministries</i> )	
___ F7	Personal Wellness:	Requirement: 2 hours (PEHS 1000 test out procedure available for prior practical experience/theoretical background.)	
___ DANC 3060	– 3 hrs	Movement Analysis	___ PEHS 1000 – 2 hrs Fitness and Wellness for Life
___ NURS 1210	– 2 hrs	Nutrition for Healthy Living	

### WAYS OF KNOWING

**Requirement: 23 hrs**

___ W1	Christian Ways of Knowing	Requirement: 3 hrs	
___ BIBL/RLGN 3000	– 3 hrs	Bible, Chrstns and Bibl Interp [WI]	___ RLGN 3010 – 3 hrs Faith in Context
___ BIBL 3410	– 3 hrs	Images of Jesus Then and Now	___ RLGN 3020 – 3 hrs Christianity and Social Justice
___ ENGL 3260	– 3 hrs	Christianity and Literature	___ RLGN 3100 – 3 hrs Christian Understandings Human Exp
___ HNRS 3325	– 3 hrs	Christ & Culture (Honors Program only)	___ LEAD 3120 – 3 hrs Christian Communities & Voc (Adults only)
___ W2	Scientific Ways of Knowing	Requirement: 4 hrs	
___ BIOL 1000	– 4 hrs	Principles of Modern Biology	___ PHYS 1000 – 4 hrs Physical Science
___ BIOL 2070	– 4 hrs	Humans and the Environment	___ PHYS 1020 – 4 hrs Earth &Space Science
___ BIOL 2080	– 4 hrs	Flora of Indiana	___ PHYS 1140 – 4 hrs Musical Acoustics
___ EXSC 2140	– 4 hrs	Nutrition in Health & Disease	___ PHYS 1240 – 4 hrs Astronomy
___ BIOL 2210	– 4 hrs	Foundations of Modern Biology I	___ PHYS 2140 – 4 hrs General Physics I- Algebra
___ CHEM 1000	– 4 hrs	Introduction to Chemistry	___ PHYS 2240 – 4 hrs General Physics I- Calculus
___ CHEM 2110	– 4 hrs	General Chemistry I	___ PSYC 3210 – 4 hrs Biopsychology
___ HNRS 2210	– 4 hrs	Scientific Discoveries and Paradigm Shifts (Honors Program only)	
___ W3	Civic Ways of Knowing	Requirement: 3 hrs	
___ HIST 2000	– 3 hrs	History of World Civilization	___ HIST 2110 – 3 hrs American Civilization I
___ HIST 2030	– 3 hrs	Western Civilization I	___ HIST 2120 – 3 hrs American Civilization II
___ HIST 2040	– 3 hrs	Western Civilization II	___ POSC 2100 – 3 hrs American National Government
___ HNRS 2110	– 5 hrs	The Scholar in the Academy: War and Peace in the Western Tradition (Honors Program only)	

___ W4		Aesthetic Ways of Knowing		Requirement: 3 hrs	
AE Aesthetic Integrative course for 3 hrs					
___	ARTS 1210	- 3 hrs	Drawing for the Liberal Arts	___	COMM 2550- 3 hrs
___	ARTS 1230	- 3 hrs	Painting for the Liberal Arts	___	ENGL 1400 - 3 hrs
___	ARTH 2000	- 3 hrs	Great Themes in Art History	___	MUSC 2210 - 3 hrs
Appreciation of Great Speeches (SI)					
Valuing Through Literature					
Music, the Arts and Culture					
If you did not use an AE option to fulfill Aesthetic, choose one class from AP (Appreciation) and one from AX (Experiential).					
(AP)	___	DANC 3510	- 2 hrs	Period Dance	___
___	ENGL 2500	- 2 hrs	Appreciation of the Writing Craft [WI]	___	MUSC 2110 - 2 hrs
___	MUED 2110	- 2 hrs	Music for the Elem Classroom	___	MUSC 2220 - 2 hrs
___	THEA 2350	- 2 hrs	Introduction to Acting	___	HNRS 3222 - 2 hrs
Intro to Music Literature					
Music in Society					
The Scholar & the Arts (Honors Prgm only) [WI]					
(AX)	___	DANC 1120-2120-3120	- 1 hr	Tap I / II / II	___
___	DANC 1220-2220-3220-4220	- 1 hr	Modern Dance I / II / III / IV	___	MUPF 1030 - 1 hr
___	DANC 1320-2320-3320-4320	- 1 hr	Jazz I / II / III / IV	___	MUPF 1070 - 1430
___	DANC 1420-2420-3420-4420	- 1 hr	Ballet I / II / III / IV	___	MUPF 1410 - 1 hr
___	ENGL 2510	- 1 hr	*Creative Writing Workshop	___	MUPF 1420 - 1 hr
___	MUPF 1010	- 1 hr	Class Lessons in Voice I	___	MUPF 1700 - 4890
Private Study (voice, piano, instr)					
*(Corequisite requirement of ENGL 2500)					

___ W5		Social and Behavioral Ways of Knowing:		Requirement: 3 hrs	
___	ECON 2010	- 3 hrs	Principles of Macroeconomics	___	LEAD 2300 - Social Problems/Impact on Workplace (Adults only)
___	EDUC 3140	- 3 hrs	Understand Needs of High Ability Learn	___	SOCI 2010 - 3 hrs
___	PSYC 2000	- 3 hrs	General Psychology	___	SOCI 2020 - 3 hrs
___	HNRS 3311	- 3 hrs	Justice and the Good Society (Honors Program only)	___	SOCI 2100 - 3 hrs
Introduction to Sociology					
Social Problems					
Family in Global/Diverse Context					

Global/Intercultural Ways of Knowing Requirement: 7 hrs  
 One foreign language course (4) based on departmental placement plus one global/intercultural or additional foreign language course

___ W6		Modern Foreign Languages			
___	FREN 1010	- 4 hrs	Elementary French I	___	SPAN 1010 - 4 hrs
___	FREN 1020	- 4 hrs	Elementary French II	___	SPAN 1020 - 4 hrs
___	FREN 2010	- 4 hrs	Intermediate French I	___	SPAN 2010 - 4 hrs
___	FREN 2020	- 4 hrs	Intermediate French II	___	SPAN 2020 - 4 hrs
___	GERM 1010	- 4 hrs	Elementary German I	___	SPAN 3010 - 4 hrs
___	GERM 1020	- 4 hrs	Elementary German II	___	FLAN 2000 - 4 hrs
___	GERM 2010	- 4 hrs	Intermediate German I	Language and Society*	
Ancient Languages					
___	BIBL 2110	- 4 hrs	Beginning Hebrew I	___	BIBL 2210 - 4 hrs
___	BIBL 2120	- 4 hrs	Beginning Hebrew II	___	BIBL 2220 - 4 hrs
Beginning Greek I					
Beginning Greek II					

\* International students who completed secondary schooling in a language other than English take either a foreign language (placement testing as needed) or FLAN 2000.

___ W7		Global/Intercultural			
___	BIBL 3310	- 3 hrs	Archeology History/Ancient Near East	___	HIST 3425 - 3 hrs
___	BSNS 3120	- 3 hrs	Global Business	___	HIST/RLGN 3320- 3 hrs
___	DANC 3000	- 3 hrs	Dance in the Global Community	___	HIST 3360 - 3 hrs
___	EDUC 3550	- 3 hrs	Intercultural Education	___	HIST 3370 - 3 hrs
___	ENGR 2080	- 3 hrs	Service Through Engineering & Technology	___	HRNS 3221 - 3 hrs
___	FLAN 2000	- 4 hrs	Language and Society	___	GLBL/INCS 2550 - 3 hrs
___	FLAN 3400	- 3 hrs	The French and Spanish Speaking Caribbean	___	LEAD 4550 - 4 hrs
___	GLBL 2500	- 3 hrs	Introduction to Global Studies	___	MUSC 2330 - 3 hrs
___	HIST 3100	- 3 hrs	Ancient History	___	POSC 3300 - 3 hrs
___	HIST 3190	- 3 hrs	The Jewish Holocaust in Historical Context	___	POSC 3310 - 3 hrs
___	HIST 3240	- 3 hrs	History of Russia & the Soviet Union	___	SOCI 2450 - 3 hrs
___	HIST 3250	- 3 hrs	History of the Cold War	___	SOCI 3470 - 3 hrs
___	HIST 3260	- 3 hrs	Women in the World, 1800 to Present [WI]	___	SPAN 3020 - 4 hrs
___	HIST 3280	- 3 hrs	The Age of Global Empires	___	SPAN 3101 - 4 hrs
___	HIST 3300	- 3 hrs	Middle East [WI]	___	SPAN 3102 - 4 hrs
___	Additional foreign language course from W6			___	SPAN 3140 - 3 hrs
Spanish Phonetics					

\_\_\_ W8 Experiential Ways of Knowing:  
 An experiential learning activity that will be fulfilled by a course, internship, practicum, capstone, clinical, or approved academic department activity.

## SPEAKING INTENSIVE COURSES

### One Oral Communications Intensive class course beyond COMM 1000

_____ ATRG 4910 – 2 hrs Seminar in Athletic Training	_____ MUBS 3350/BSNS 3330 – 3 hrs Music Marketing
_____ BSNS 3210 – 3 hrs Buyer/Seller Relations	_____ MUED 3110 – 3 hrs Music in the Elementary School
_____ BSNS 4480 – 3 hrs Leadership	_____ MUED 3350 – 2 hrs Voice Pedagogy
_____ CHEM/BIO/PHYS 4910/4920 – 1 hr Science Seminar	_____ MUSC 4955 – 3 hrs Senior Presentation
_____ COMM 2550 – 3 hrs Appreciation of Great Speeches	_____ MUTR 3210 – 2 hrs Musical Theatre Styles I
_____ CMIN 3910 – 3 hrs Ministry Seminar	_____ NURS 4450 – 7 hrs Partial Self-Care Agency I
_____ CRIM 4900 – 3 hrs Criminal Justice Seminar	_____ PETE 4900 – 2 hrs Tech Application in Sport, Physical Act, & Rec
_____ DANC 3050 – 3 hrs Dance Pedagogy	_____ POSC 3211 – 3 hrs The Congress
_____ ENGL 3050 – 3 hrs History of the English Language	_____ POSC 3212 – 3 hrs The Presidency
_____ ENGL 3220 – 3 hrs Global Literature	_____ POSC 3420 – 3 hrs The Democratic World
_____ EXSC 4920 – 2 hrs Seminar in Exercise Science	_____ POSC 3520 – 3 hrs Globalization & Developing World
_____ FLAN 4900 – 3 hrs Senior Seminar in Foreign Language	_____ PSYC 4210 – 3 hrs Capstone: Psychological Issues/Youth
_____ HIST 2300 – 3 hrs Historical Inquiry	_____ PSYC 4520 – 3 hrs Capstone Research II
_____ HIST 2350 – 3 hrs Foundation of Public History	_____ SOCI 4200 – 3 hrs Social Stratification
_____ HIST 4930 – 3 hrs Senior Seminar	_____ SOWK 4850 – 3 hrs Social Work Practicum
_____ HNRS 2125 – 2 hrs Scholar as Servant Leader (Honors Program only)	_____ SPAN 3020 – 3 hrs Spanish Conversation
_____ LEAD 4990 – 5 hrs Action Research Project (Adults only)	_____ TESL 3500 – 3 hrs Teach Culturally/Linguistically Diverse Stud
_____ MATH 4000 – 2 hrs Problem Seminar	_____ THEA 3210 – 3 hrs Musical Theatre Styles I

## ADVANCED WRITING COMPETENCY

### Two writing intensive courses beyond ENGL 1120 (pre-requisite)

One of the two courses must be upper-division.

_____ ACCT 4900 – 1 Professional Ethics for Accountants	_____ ENGL 4700 – 3 Methods of Teaching English
_____ ARTH 3030 – 3 Contemporary Art/Design	_____ ENGL 4910 – 3 Senior Capstone Seminar
_____ ARTS 4950 – 4 Comprehensive Projects	_____ EXSC 4920 – 2 Seminar in Exercise Science
_____ ATRG 3440 – 3 Therapeutic Rehabilitation	_____ FLAN 4900 – 3 Senior Seminar in Foreign Language
_____ BIBL/RLGN 3000 – 3 The Bible, Christians & Biblical Interpretation	_____ HIST 3260 – 3 Women in the World, 1800 to the Present
_____ BIOL 4050 – 4 Genetics	_____ HIST 3300 – 3 Middle East
_____ BIOL/CHEM/PHYS 4910/4920 – 1 + 1 Science Seminar	_____ HIST 3425 – 3 Slavery and Freedom in the Modern World
(both courses must be taken to fulfill One WI requirement)	_____ HIST 3430 – 3 Antebellum America, 1828-1860
_____ BSNS 3330 – 1 Music Marketing	_____ HIST 3440 – 3 Civil War and Reconstruction
_____ BSNS 4440 – 1 Senior Marketing Seminar	_____ HIST 3451 – 3 U.S. from the Gilded Age to 1945
_____ BSNS 4910 – 1 Seminar in Ethics and Leadership	_____ HIST 3452 – 3 U.S. from 1945 to the Present
_____ BSNS 4920 – 1 Seminar in Management	_____ HIST 3470 – 3 The American West
_____ CHEM 3100 – 4 Analytical Chemistry	_____ HIST 3510 – 3 Law Constitution & War 1787 to Present
_____ COMM 2130 – 3 Writing for the Media	_____ HNRS 3221 – 3 Scholar as Citizen of the World
_____ COMM 2160 – 3 The Art of Storytelling	_____ LEAD 4990 – 3 Action Research Project (Adults only)
_____ COMM 3220 – 2 Screenwriting	_____ MUBS 3350 – 3 Music Marketing
_____ COMM 3230 – 3 Advanced Feature and Magazine Writing	_____ MUBS 3500 – 1 Current Topics in Music Business
_____ CMIN 4250 – 3 Theology in a Ministry Context	_____ MUSC 3110 – 3 History of Music: Medieval to Renaissance
_____ CRIM/ SOCI 2510 – 4 The Nature of Crime and Social Deviance	_____ MUSC 3120 – 3 History of Music: Baroque to Classic
_____ DANC 3010 – 3 Dance History Survey	_____ MUSC 3130 – 3 History of Music: 19th and 20th Century
_____ EDUC 3120 – 3 Educational Assessment for Classroom Teacher	_____ MUSC 3170 – 3 History of Music: Popular Music in 20th Century
_____ EDUC/ENGL 3590 – 3 Teaching Diversity through Young Adult Lit	_____ MUSC 3180 – 3 History of Music: Lyric Theatre
_____ EDUC 4120 – 4 Organization/Mgmt of Elementary Classroom	_____ NURS 3390 – 2 Nursing Research
_____ EDUC 4710 – 4 Mgmt, Organization & Methods of Secondary Educ	_____ NURS 4470 – 4 Seminar in Nursing
_____ ENGL 2500 – 2 Appreciation of the Writing Craft	_____ PEHS 3340 – 3 Sociology of Sport
_____ ENGL 3050 – 3 History of the English Language	_____ PETE 2250 – 3 Motor Behavior
_____ ENGL 3110 – 3 Creative Writing—Fiction	_____ PETE 4300 – 4 Curriculum Development/Assessment in Physical Ed
_____ ENGL 3120 – 3 Creative Writing—Poetry	_____ PHYS 3100 – 2 Modern Physics Laboratory
_____ ENGL 3140 – 3 Writing and Digital Media	_____ POSC 2400 – 3 Political Science Research Methods
_____ ENGL 3160 – 3 Professional Writing and Editing	_____ POSC 3300 – 3 International Politics
_____ ENGL 3180 – 3 Composing: Nonfiction	_____ POSC 3310 – 3 Security & Peace Studies
_____ ENGL 3190 – 3 Composing: Argument	_____ POSC 3400 – 3 Comparative Politics
_____ ENGL 3500 – 4 American Literature of the 19th Century	_____ POSC 3420 – 3 The Democratic World
_____ ENGL 3551 – 4 American Literature of the 20th Century	_____ PSYC 2010 – 2 General Psychology Laboratory
_____ ENGL 3580 – 3 American Cross-Cultural Authors	_____ PSYC/SOCI 3010 – 4 Social Psychology
_____ ENGL 4000 – 3 Special Topics in Literature	_____ SOCI 3700 – 4 Introduction to Social Research
_____ ENGL 4550 – 4 American Poetry	_____ SPAN 3010 – 4 Spanish Composition
	_____ SPED 3120 – 3 Special Education Assessment for Classroom Teacher

# LIBERAL ARTS COURSE DESCRIPTIONS

## 2015-2017 UNDERGRADUATE CATALOG

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### FOUNDATION SKILLS: *Requirement: 17-20 hours*

#### THE FIRST YEAR EXPERIENCE 3 HRS

##### F1. UNDERSTANDING COLLEGE

###### LART 1050 First Year Seminar 1 hr. (1, 0)

Orients new students to the issues inherent in the college environment, challenging them to discover their core values and consider how these impact different areas of their life. Such areas include their interactions with their peers and professors, their time and task management, and their financial skills. By working with both a faculty mentor and a peer mentor, students will discover the rewards of servant leadership as well.

##### F2. CRITICAL THINKING

###### LART 1100 Critical Thinking Seminar 2 hrs. (2, 0)

Faculty-student seminars which address critical, scholarly attitudes and skills essential for pursuing a liberal arts education and valuable for cultivating a life of faith and service in the church and society. (LART 1100 is waived for transfer students bringing in 24 semester hours of college credit.)

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##### F3. WRITTEN COMMUNICATION *Requirement: 3-6 hours*

**Writing:** *Requirement: 3-7 hours* (Grades of C- or better required to fulfill this area.)

###### ENGL 1100 Rhetoric and Composition — Basic 4 hrs. (4, 0)

Designed for students who need supplemental help with writing skills. Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Requires attention to sentence style, diction, and usage through tutorial instruction in the Kissinger Learning Center. Grade of C- or better is required. **EXPECTATION:** Placement based on SAT/ACT scores.

###### ENGL 1110 Rhetoric and Composition 3 hrs. (3, 0)

Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Grade of C- or better is required. **EXPECTATION:** Placement based on SAT/ACT scores.

###### ENGL 1120 Rhetoric and Research 3 hrs. (3, 0)

Focuses on theory and practice of writing based on external sources. Emphasizes library, electronic, and field research sources and methods. Satisfies writing skill requirement for graduation. Does not satisfy Advanced Writing Competency requirement. **EXPECTATION:** Grade of C- or better in ENGL 1100 or ENGL 1110, or placement based on SAT/ACT scores.

###### HNRS 2110 The Scholar in the Academy: War and Peace in the Western Tradition 5 hrs. (5, 0)

Focuses on historical investigation and writing on a common theme. Open to Honors program students only.

##### Two Writing Intensive Courses

To emphasize the importance of writing both as an essential skill and as a tool for learning, the university requires every student to complete two writing-intensive (WI) courses beyond ENGL 1120. At least one WI course must be **upper division**. (List of Writing Intensive Courses at the end of this document.)

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##### F4. SPEAKING and LISTENING *Requirement: 3 hours*

###### COMM 1000 Introduction to Speech Communication 3 hrs. (3, 0)

Fundamentals of communication with emphasis on interpersonal, small group, and public communication experiences. **OFFERED:** Each semester and summers.

##### SPEAKING INTENSIVE (SI) DESIGNATION CLASS

One Oral Communications Intensive class course beyond COMM 1000 (see list at end of this document.)

*(Test out procedure available to those with prior practical experience/theoretical communications background for first semester freshman and transfer students only.)*

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##### F5. QUANTITATIVE REASONING *Requirement: 3 hours*

###### CPSC 1100 Business Computer Applications 3 hrs. (3, 0)

An introduction to computing skills useful in solving complex business problems. Core topics include document management, use of spreadsheets, relational database design, introduction to SQL, presentation graphics, and XHTML.

**PREREQUISITE:** Mathematics proficiency

<b>CPSC 1200</b>	<b>Introduction to Web Programming</b>	<b>4 hrs. (4, 0)</b>
An introduction to program design and development using HTML and an Internet scripting language. Emphasis is on problem solving, algorithm development, and issues related to Web publishing. <b>PREREQUISITE:</b> Mathematics proficiency		
<b>CPSC 1400</b>	<b>Computer Science I</b>	<b>4 hrs. (4, 0)</b>
Introduction to disciplined, object-oriented program development. Topics include a survey of computer architecture and systems, problem solving and algorithm development, data types and variables, control-of-flow structures, and virtual machines. This course also introduces topics related to net-centric and event driven programming. <b>PREREQUISITE:</b> Mathematics proficiency		
<b>LEAD 3100</b>	<b>Intro to Research/ Analysis Using Statistics <i>** (Adults Only)**</i></b>	<b>3 hrs.</b>
This course presents problem analysis and evaluation techniques. Students are shown methods for defining, researching, analyzing, and evaluating a problem in their work or vocational environments that they have selected for independent research projects. Specific statistical information covered in the course includes identifying and measuring objectives, collecting data, working with significance levels, analyzing variance, and constructing questionnaires.		
<b>MATH 1100</b>	<b>Elementary Mathematics-Numeration Systems</b>	<b>4 hrs. (4, 0)</b>
Elementary foundations course for students preparing for elementary and middle school education. Includes deductive reasoning, the algebra of sets, numeration systems, properties of natural numbers, integers, rational numbers, real numbers, and data analysis. Does not apply toward mathematics major or minor. <b>PREREQUISITE:</b> Mathematics proficiency		
<b>MATH 1250</b>	<b>Explorations in Mathematics</b>	<b>3 hrs. (3, 0)</b>
A course designed for students to explore different areas of college-level mathematics. Students will appreciate the relevance of mathematics through real-life applications. Emphasis will be placed on critical reasoning, problem solving, and the clear communication of mathematical ideas. Topics will be chose from mathematics of finance, mathematical modeling, probability and statistics, voting theory, infinity, and logic. Does not apply toward mathematics major or minor. <b>PREREQUISITE:</b> Mathematics proficiency <b>OFFERED:</b> Semester I and Semester II.		
<b>MATH 1300</b>	<b>Finite Mathematics</b>	<b>3 hrs. (3, 0)</b>
Topics include introduction to counting techniques, probability, systems of linear equations and matrices, linear programming, and the mathematics of finance. Does not apply toward major. <b>PREREQUISITE:</b> Mathematics proficiency.		
<b>MATH 1400</b>	<b>Applied Calculus</b>	<b>4 hrs. (4, 0)</b>
Topics include functions, limits, derivatives, applications of derivatives, integration and applications of integration. Functions considered are polynomial, rational, logarithmic and exponential functions. Emphasis on computational skill and problem solving. Applications taken from management, life sciences, and social sciences. Not open to students with a grade of C or better in MATH 2010 or its equivalent. Does not apply toward major. <b>EXPECTATION:</b> Two years of high school algebra. <b>PREREQUISITE:</b> Mathematics proficiency		
<b>MATH 2010</b>	<b>Calculus I</b>	<b>4 hrs. (4, 0)</b>
Introduction to plane analytic geometry, functions, limits, continuity, differentiation of algebraic and trigonometric functions, application of the derivative, indefinite, and definite integrals. <b>EXPECTATION:</b> Two years of high school algebra, plane geometry, and trigonometry, MATH 1220, or passing score on Calculus Readiness Exam. <b>PREREQUISITE:</b> Mathematics proficiency		
<b>MATH 2120</b>	<b>Introductory Statistics with Applications</b>	<b>4 hrs. (4, 0)</b>
Descriptive statistics; binomial, normal, and chi-square distributions; sampling distributions; estimation; hypothesis testing; simple linear regression; and analysis of variance. <b>EXPECTATION:</b> Two years of high school algebra.		
<b>PSYC 2440</b>	<b>Applied Statistics and Introduction to Research</b>	<b>4 hrs. (4, 0)</b>
Examination of basic statistical techniques with emphasis on interpreting research literature, practical applications in psychology, business and political science, and use and interpretation of appropriate computer software. <b>PREREQUISITE:</b> Mathematics proficiency.		

**F6. BIBLICAL LITERACY** *Requirement: 3 hours*

<b>BIBL 2000</b>	<b>Introduction to the Bible</b>	<b>3 hrs. (3, 0)</b>
Historical and literary study of Old and New Testaments as Scripture. Introductory course surveying historical contexts, varieties of literature, and development and expression of theology of these writings. <b>OFFERED:</b> Each semester. <i>(Sophomore standing required except for students pursuing majors in the Department of Christian Ministries.)</i>		

**F7. PERSONAL WELLNESS** *Requirement: 2 hours*  
(PEHS 1000 test out procedure available for prior practical experience/ theoretical background.)

- PEHS 1000 Fitness and Leisure for Life 2 hrs. (1, 2)**  
Provides a base upon which students may build healthy bodies through understanding of and participation in fitness/leisure activities. Surveys key fitness/wellness concepts in lecture portion of class.
- NURS 1210 Nutrition for Healthy Living 2 hrs. (2, 0)**  
Explores principles of nutrition as they relate to physical fitness. Content includes important nutritional elements and their relationship to maintaining health. Required activities include: personal health assessment skills, nutritional assessment, and aerobic activities. Not required for nursing major, but highly recommended.
- DANC 3060 Movement Analysis 3 hrs. (3, 0)**  
This class uses a system of observation and notation to aid students in their understanding of dance, movement, and gesture. It introduces the science of Laban movement analysis to qualitatively deconstruct movement and movement choice through specific quantitative movement studies.

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**WAYS OF KNOWING:** *Requirement: 23 hours*

**W1. CHRISTIAN WAYS OF KNOWING** *Requirement: 3 hours*

- BIBL/RLGN 3000 The Bible, Christians, and Biblical Interpretation (WI) 3 hrs. (3, 0)**  
This course is a historically based study of the ways in which Christians have interpreted the Bible. The course considers the diversity of Christian interpretation as well as the development of Christianity as the biblical text was interpreted over time. **PREREQUISITE:** BIBL 2000; upper-division standing. **SAME AS:** RLGN3000. **OFFERED:** Each semester
- BIBL 3410 Images of Jesus Then and Now 3 hrs. (3, 0)**  
Examination of the New Testament's images of Jesus and their transformations in different cultures. Emphasis is upon how different images of Jesus entail corresponding lifestyles and worldviews. Comparisons of images of Jesus with selected focal images from other religions (such as Allah or the Tao) show the images' structural importance for religious systems and cultures. **OFFERED:** Each semester
- ENGL 3260 Christianity and Literature 3 hrs. (3, 0)**  
Analyzes various literary works through the framework of core Christian beliefs and practices, thus allowing students the opportunity to examine their own and others' spiritual values and convictions through the dramatic tensions and compelling eloquence of literature.
- HNRS 3325 Christ and Culture (open to Honors program students only) 3 hrs. (3, 0)**  
This course is organized as a seminar in historical theology that considers the various relationships between Christians and their culture. Readings in primary and secondary sources, as well as journal articles, will inform seminar discussions
- RLGN 3010 Faith in Context 3 hrs. (3, 0)**  
Faith always emerges in multiple contexts, including cultural, developmental, and religious. Students in this course examine personal experiences with faith, the faith experiences of their families of origin, and contemporary North American expressions of popular religion and spirituality. **OFFERED:** Spring semester.
- RLGN 3020 Christianity and Social Justice 3 hrs. (3, 0)**  
The call to "do justice, love mercy, and walk humbly with your God," is deeply rooted in Christian faith. Just what this element of Christian commitment means in lived experience, however, is neither consistently interpreted nor universally applied. This course affords students the opportunity to explore in some depth the relationship between Christian faith, in its various articulations, and social justice. The class addresses a selection of contemporary social justice issues (for example: racial justice, gender justice, environmental justice), exploring ways in which representative groups and individuals from the Christian tradition have understood the relationship between faith and social justice. The goal of the course is to introduce students to the complexities of each social justice issue, to encourage them to consider ways in which Christian faith commitments intersect with concerns about the issue, and to prompt them to develop a lifelong engagement with the concerns.
- RLGN 3100 Christian Understandings of Human Experience 3 hrs. (3, 0)**  
Investigation of perennial human experiences of ultimacy, spirit, community, hope, revelation, and search for truth and reconciliation. Acquaints students with biblical-Christian interpretation of these experiences. **PREREQUISITE:** Upper-division standing. **OFFERED:** Each semester
- LEAD 3120 Christian Communities & Voc **\*\* (Adults Only) \*\*** 3 hrs. (3, 0)**  
Introduction to disciplined, object-oriented program development. Topics include a survey of computer architecture and systems, problem solving and algorithm development, data types and variables, control-of-flow structures, and virtual machines. This course also introduces topics related to net-centric and event driven programming. **PREREQUISITE:** Mathematics proficiency

## **W2. SCIENTIFIC WAYS OF KNOWING** *Requirement: 4 hours*

- BIOL 1000**                      **Principles of Modern Biology**                      **4 hrs. (3, 2)**  
Fundamental ideas in the science of biology, including molecules, cells, genetics, ecology, the diversity of life, and the human body.
- BIOL 2070**                      **Humans and the Environment**                      **4 hrs. (3, 3)**  
Students are exposed to basic concepts of ecology and to select environmental issues. They are encouraged to engage in vigorous discussion and to think critically about our impact on the environment. The perspective of Christian environmental stewardship is emphasized throughout the course.
- BIOL 2080**                      **Flora of Indiana**                      **4 hrs. (3, 2)**  
Taxonomic study (identification, classification, and nomenclature) of flowering plants of Indiana. **OFFERED:** Summer.
- EXSC 2140**                      **Nutrition in Health and Disease**                      **4 hrs. (3, 2)**  
The subject of human nutrition is used as a model to introduce liberal arts students to the philosophy and process of science. As the various areas of the topic are studied (including nutritional requirements, eating behaviors, assessment techniques, and diet management for optimal performance) emphasis is placed on the scientific processes that allow these facts to be known.
- BIOL 2210**                      **Foundations of Modern Biology I**                      **4 hrs. (3, 4)**  
Basic principles of cell structure and function, genetics, evolution, natural history, and ecology using animal and human models. Through these themes the student becomes familiar with major animal groups, their salient characteristics, environmental interactions, and postulated evolutionary relationships.
- CHEM 1000**                      **Introduction to Chemistry**                      **4 hrs. (3, 2)**  
A survey approach to the study of chemistry which examines the methods of science as applied to the study of inorganic, organic, and biochemistry. Emphasis on understanding chemical principles and their application to the environment with some use of numerical computations. Not applicable toward chemistry major or minor.
- CHEM 2110**                      **General Chemistry I**                      **4 hrs. (4, 2.5)**  
Basic introduction to theory and practice of chemical principles with emphasis on atomic structure, chemical bonding, stoichiometry, thermochemistry, and physical states of matter. **EXPECTATION:** Students entering general chemistry normally have at least one year of high school chemistry and two years of high school algebra.
- HNRS 2210**                      **Scientific Discoveries and Paradigm Shifts**                      **4 hrs. (3, 2)**  
Examines the nature of science, the history and philosophy of science, and the experiential, hands-on practice of science. *\*\* Open to Honors program students only. \*\**
- PHYS 1000**                      **Physical Science**                      **4 hrs. (3, 2)**  
Introduction to selected topics in physical science, with emphasis on concepts necessary to teaching science at the elementary school level. Required of all elementary education majors, but also open to other non-science majors.
- PHYS 1020**                      **Earth and Space Science**                      **4 hrs. (3, 2)**  
Introduction to the study of geology, weather, and space science with an emphasis on the phenomena that pertain to the earth's crust and atmosphere and the methods used to form our understanding of these dynamic systems. May be taken alone or as a supplement to PHYS 1000.
- PHYS 1140**                      **Musical Acoustics**                      **4 hrs. (3, 2)**  
Survey of topics basic to the science of music. Designed to give music students a laboratory science experience in a field relevant to their interests. Open to all students who can read music. **OFFERED:** With sufficient demand.
- PHYS 1240**                      **Astronomy**                      **4 hrs. (3, 2)**  
Introduction to understanding planets, stars, and galaxies of our universe with emphasis on what they are, how they live and die, and how they are studied. Students will also gain an appreciation for the night sky and the type of observations that can be made.
- PHYS 2140**                      **General Physics I--Algebra**                      **4 hrs. (4, 2)**  
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on Newtonian mechanics. **EXPECTATION:** Students enrolling should have completed or be enrolled in MATH 2010, 2020; or MATH 1400 or equivalent.
- PHYS 2240**                      **General Physics I--Calculus**                      **4 hrs. (4, 2)**  
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on Newtonian mechanics. **EXPECTATION:** Students enrolling should have completed or be enrolled in MATH 2010, 2020; or MATH 1400 or equivalent.

**PSYC 3210 Biopsychology 4 hrs. (3, 2)**  
 An introduction to the biological foundations of animal and human behavior, including human neuropsychology, the study of brain disease, and how the environment (including toxins) contributes to changes in the brain. The laboratory component stresses the human brain and the student's ability to recognize its various components. **EXPECTATION:** PSYC 2010 is strongly recommended. **PREREQUISITE:** PSYC 2000.

**W3. CIVIC WAYS OF KNOWING** *Requirement: 3 hours*

**HIST 2000 History of World Civilization 3 hrs. (3, 0)**  
 Examination of the history of the non-Western world of Asia, the Middle East, Africa, and Latin America. Emphasizes patterns of development; religion and culture; political, economic, and social issues; and historical and current problems. Required of all social studies teaching majors. **OFFERED:** Fall semester.

**HIST 2030 Western Civilization I 3 hrs. (3, 0)**  
 Examination of major themes in the development of Western civilization. Special attention is given to intellectual and cultural heritage of the classical world and to the transmission of the classical heritage to the modern world. **OFFERED:** Fall semester.

**HIST 2040 Western Civilization II 3 hrs. (3, 0)**  
 Examination of major themes in the development of Western civilization. Special attention is given to the expansion of the West, the development of modern political ideologies, and the historical impact of economic modernization. Examines the period from 16th century to the present. **OFFERED:** Spring semester.

**HIST 2110 American Civilization I 3 hrs. (3, 0)**  
 American civilization from first English settlements through Civil War: artistic, intellectual, literary, social, economic, political, and religious currents in American life. Required of all social studies majors. **OFFERED:** Each semester.

**HIST 2120 American Civilization II 3 hrs. (3, 0)**  
 American civilization from Reconstruction to present: artistic, literary, intellectual, social, economic, political, and religious currents in American life. Required of all social studies majors. **OFFERED:** each semester.

**HNRS 2110 The Scholar in the Academy: War and Peace in the Western Tradition 5 hrs (5, 0)**  
 Focuses on historical investigation and writing on a common theme. **\*\*Open to Honors program students only.\*\***

**POSC 2100 American National Government 3 hrs. (3, 0)**  
 An introductory study of national government in the United States. Examines the major institutions and processes of the American political system, including Constitutional design, federalism, public opinion, voting and elections, political parties, interest groups, Congress, the presidency, and the courts. **OFFERED:** Each semester

**W4. AESTHETIC WAYS OF KNOWING** *Requirement: 3 hours*

**AE AESTHETIC INTEGRATIVE COURSES 3 HRS**

**ARTS 1210 Drawing for the Liberal Arts 3 hrs. (3, 0)**  
 Covers the basic aspects of drawing, investigating art elements of space, line and form through various media.

**ARTS 1230 Painting for the Liberal Arts 3 hrs. (3, 0)**  
 Introduction to concepts and processes of painting. Basic problems of space image and color explored.

**ARTH 2000 Great Themes in Art History 3 hrs. (3, 0)**  
 An integrative course focusing on important themes found in art and design history through lecture and studio experiences. The course examines these themes from medieval through modern times. **OFFERED:** Each semester.

**COMM 2550 Appreciation of Great Speeches (WI)/[SI] 3 hrs. (3, 0)**  
 Surveys representative works from American literature and American painting. Seeks to analyze how these two art forms influence and reflect each other and how they explore themes endemic to the self and the community within American history and culture. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120.

**ENGL 1400 Valuing through Literature 3 hrs. (3, 0)**  
 Examines literature from a variety of cultures and time periods. Works are selected and discussed in terms of value systems and ethical issues presented in them.

**MUSC 2210 Music, the Arts, and Culture 3 hrs. (3, 0)**  
 An examination of major works of western art music that employ elements of art, literature, film, drama, and dance, with emphasis on opera, oratorio, choral symphony, program symphony, ballet, and film music genres. A study of the processes by which selected works were conceived, composed, prepared, performed, received, and understood as expressions of the human experience. Does not count toward music major. **OFFERED:** Each semester.





<b>DANC 2320</b>	<b>Jazz Dance II</b>	<b>1 hr. (3, 0)</b>
A continuation of Jazz Dance I, designed for the intermediate-level student with at least one semester of jazz dance study. This course will introduce the student to more complex dynamics, styles, and combinations. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semesters I and II.		
<b>DANC 3320</b>	<b>Jazz Dance III</b>	<b>1 hr. (3, 0)</b>
A continuation of Jazz Dance II, this intermediate-level course is designed to prepare the student for jazz improvisation, with emphasis on improvement of technique, style, and performance. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semesters I and II. <b>CONSENT:</b> Department		
<b>DANC 4320</b>	<b>Jazz Dance IV</b>	<b>1 hr. (3, 0)</b>
A continuation of Jazz Dance III, this intermediate/advanced-level course emphasizes technique and improvement of dance rhythms, dynamics, special awareness, and projection as a means of creating variety in dance. <b>REPEAT:</b> May be repeated for credit. <b>CONSENT:</b> Department		
<b>DANC 1420</b>	<b>Ballet I</b>	<b>1 hr. (2, 0)</b>
A study of basic foot, hand, and body positions in ballet. Designed for the student with no previous ballet training. Includes fundamental ballet exercises at barre, as well as center work and beginning combinations. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semesters I and II.		
<b>DANC 2420</b>	<b>Ballet II</b>	<b>1 hr. (2, 0)</b>
A continuation of Ballet I. Open to intermediate-level students with previous dance training. Continuing development of ballet technique and principles, focusing on correct placement and fundamental technique. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semesters I and II.		
<b>DANC 3420</b>	<b>Ballet III</b>	<b>1 hr. (2, 0)</b>
A continuation of Ballet II, this intermediate-level course presents a deeper kinesthetic understanding of ballet fundamentals and sharpens physical presentation of technique. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semesters I and II. <b>CONSENT:</b> Department.		
<b>DANC 4420</b>	<b>Ballet IV</b>	<b>1 hr. (2, 0)</b>
A continuation of Ballet III, this intermediate/advanced-level course continues to develop techniques using barre, center work, and choreography. Emphasis on body placement, musicality, and advanced skills. <b>REPEAT:</b> May be repeated for credit. <b>OFFERED:</b> Semester II. <b>CONSENT:</b> Department.		
<b>ENGL 2510</b>	<b>Creative Writing Workshop</b>	<b>1 hr. (1, 0)</b>
Offers students a workshop setting in which to experiment with writing techniques to produce original poetry, short fiction, drama, or literary non-fiction. <b>EXPECTATION:</b> Grade of C or above in ENGL 1120. <b>PREREQUISITE:</b> ENGL 1120. <b>COREQUISITE:</b> ENGL 2500. <b>OFFERED:</b> Each semester.		
<b>MUPF 1010</b>	<b>Class Lessons in Voice I</b>	<b>1 hr. (1, 0)</b>
<b>CONSENT:</b> Instructor. <b>OFFERED:</b> Semester I.		
<b>MUPF 1030</b>	<b>Class Lessons in Piano I</b>	<b>1 hr. (1, 0)</b>
Beginning piano for students not majoring or minoring in music. Enrollment limited to the number of available keyboards. <b>OFFERED:</b> Each semester.		
<b>MUPF 1070-1430</b>	<b>Ensembles.</b>	<b>1 hrs.</b>
<b>REPEAT:</b> May be repeated for credit.		
<b>MUPF 1410</b>	<b>Class Lessons in Guitar I</b>	<b>1 hr. (1, 0)</b>
<b>REPEAT:</b> May be repeated. <b>OFFERED:</b> Each semester.		
<b>MUPF 1420</b>	<b>Class Lessons in Guitar II</b>	<b>1 hr. (1, 0)</b>
<b>REPEAT:</b> May be repeated. <b>OFFERED:</b> Each semester.		
<b>MUPF 1700-4890</b>	<b>Private Study</b> (voice, piano, instr)	<b>1 hr. (1,0)</b>
<b>CONSENT:</b> Department. <b>REPEAT:</b> May be repeated.		

## **W5. SOCIAL AND BEHAVIORAL WAYS OF KNOWING** *Requirement: 3 hours*

<b>ECON 2010</b>	<b>Principles of Macroeconomics</b>	<b>3 hrs. (3, 0)</b>
Analysis of modern economic society, including examination of determinants of economic growth, changing price levels, monetary and fiscal policy, distribution of income, public economy, and current problems. <b>PREREQUISITE:</b> Sophomore standing. <b>OFFERED:</b> Each semester		
<b>EDUC 3140</b> <b>(3, 0)</b>	<b>Understanding the Nature and Needs of Gifted and High Ability Learners</b>	<b>3 hrs.</b>
Expands cultural and intercultural awareness by looking at language in a context of social issues and historical, biological, and grammatical concerns.		

**PSYC 2000**                      **General Psychology**    **3 hrs. (3, 0)**  
An introduction to the scientific study of mental processes and behavior. Topics include history, biological basis of behavior, sensation, perception, development, learning, memory, motivation, emotion, social, abnormal, statistics, counseling, and therapy. Required of all psychology majors and minors.

**HNRS 3311**                      **Justice and the Good Society**    **3 hrs. (3, 0)**  
Investigates societal structures and concepts of justice arising from such structures. *Open to honors program students only.*

**LEAD 2300**                      **Social Problems/Impact on Workplace (Adults only)**    **3 hrs. (3, 0)**  
This course presents an analysis of major contemporary social problems, especially in the United States. Particular attention is given to the problems of poverty, racism, sexism, drug and alcohol abuse, and illiteracy, and their impact on contemporary workplace. Consideration is given to diverse sociological perspectives with regard to these problems and their causes, consequences, and solutions.

**SOCI 2010**                      **Introduction to Sociology**    **3 hrs. (3, 0)**  
Presents the basic principles, concepts, and theoretical paradigms of sociology for analyzing social behavior, human relationships, and social institutions. Introduces students to a sociological perspective and form of analysis for understanding social life. Emphasizes "sociological imagination," developing a perspective that strives to understand the intersection between individual biography and social structural history. Surveys the main areas of study and concentration within the field of sociology. **OFFERED:** Each semester

**SOCI 2020**                      **Social Problems**    **3 hrs. (3, 0)**  
Sociological analysis of contemporary social problems. Designed to help students increase awareness and sensitivity toward major social issues, recognize the impact of social problems on various groups of people within our society, and understand how societal structures can serve to perpetuate or intervene to effectively resolve social problems. Credit for SOCI 2020 may be earned by completing the Communities and Cultures Seminar at Chicago Center. **OFFERED:** Each semester

**SOCI 2100**                      **Family in Global/Diverse Context**    **3 hrs. (3, 0)**  
General survey of the family science discipline with emphasis on the scientific study of the role of the family as society's most basic institution, including ways in which the family interacts with the ecosystem, how family roles and relationships are changing in response to cultural and technological changes, and the internal processes of the family which influence the growth and well-being of individuals and the resulting impact of such influence upon society as a whole. **OFFERED:** Each semester

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**W6. GLOBAL/INTERCULTURAL WAYS OF KNOWING: Modern Foreign Languages** *Requirement: 4 hours*

One foreign language course (4) based on departmental placement plus one global/intercultural or additional foreign language course

**FREN 1010**                      **Elementary French I**    **4 hrs. (3,1)**  
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required. **OFFERED:** Fall semester

**FREN 1020**                      **Elementary French II**    **4 hrs. (3,1)**  
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required. **PREREQUISITE:** FREN 1010. **OFFERED:** Each semester.

**FREN 2010**                      **Intermediate French I**    **4 hrs. (3,1)**  
Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video/DVD, and other sources. Individual online or outside language laboratory work is required. **Expectation:** FREN 1020

**FREN 2020**                      **Intermediate French II**    **4 hrs. (3,1)**  
Emphasis on increasing language proficiency in the areas of listening, speaking, reading and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video/DVD, excerpts from literature, and other sources. Individual online or outside language laboratory work is required. prerequisite: FREN 2010.

**GERM 1010**                      **Elementary German I**    **4 hrs. (3, 1)**  
Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Germanic cultures. Individual online or outside language laboratory work is required. **OFFERED:** Fall semester

**GERM 1020**                      **Elementary German II**    **4 hrs. ea (3, 1)**  
Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Germanic cultures. Individual on-line or outside language laboratory work is required. **EXPECTATION:** GERM 1010. **OFFERED:** Spring semester

- GERM 2010 Intermediate German I 4 hrs. (3, 1)**  
 Communicative tasks and culture-oriented readings. Continued development of basic skills in reading, writing, listening, and speaking. Individual online or outside language laboratory work is required. expectation: GERM 1020.
- SPAN 1010 Elementary Spanish I 4 hrs. (3, 1)**  
 Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Spanish-speaking cultures. Individual online or outside language laboratory work is required. **OFFERED:** Fall semester
- SPAN 1020 Elementary Spanish II 4 hrs. (3, 1)**  
 Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Spanish-speaking cultures. Individual online or outside language laboratory work is required. **EXPECTATION:** SPAN 1010. **OFFERED:** Each semester
- SPAN 2010 Intermediate Spanish I 4 hrs. (3, 1)**  
 Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Spanish-speaking cultures through cultural readings, DVDs, and other sources. Individual online or outside laboratory work is required. expectation: SPAN 1020.
- SPAN 2020 Intermediate Spanish II 4 hrs. (3, 1)**  
 Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Spanish-speaking cultures through cultural readings, DVDs, and other sources. Introduction to literary readings. Individual online or outside laboratory work is required. expectation: SPAN 2010.
- SPAN 3010 Spanish Composition [WI] 4 hrs. (4, 0)**  
 Designed to help students develop writing skills in formal, informal, and idiomatic Spanish through review of Spanish grammar, vocabulary-building exercises, and development of more sophisticated syntactical patterns in the use of the written word. Students will practice different styles of writing, including journaling, summaries, and essays. Required of all Spanish majors and minors. expectation: SPAN 2020
- FLAN 2000 Language and Society\* 4 hrs. (4, 1)**  
 Expands cultural and intercultural awareness by looking at language in a context of social issues and historical, biological, and grammatical concerns.
- \* International students who have completed their secondary schooling in a language other than English take either a foreign language course (placement testing may be required) or FLAN 2000.
- BIBL 2110 Beginning Hebrew I 4 hrs. (4, 1)**  
 Study of the basic principles of biblical Hebrew grammar and syntax, with reading and writing exercises. Acquisition of a basic vocabulary of 150-200 words is expected. Applies toward the biblical studies major but not the Bible and religion major. offered: Fall semester
- BIBL 2120 Beginning Hebrew II 4 hrs. (4, 1)**  
 Continuation of Beginning Hebrew I. Study of biblical Hebrew grammar and syntax, with reading and translation of selected narrative passages. Second-year Hebrew is strongly recommended after this course for facility in the Hebrew text of the Old Testament. Applies toward the biblical studies major but not the Bible and religion major. prerequisite: BIBL 2110 or equivalent. offered: Spring semester
- BIBL 2210 Beginning Greek I 4 hrs. (4, 1)**  
 Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages. This course is foundational for any further work in Greek (biblical or classical). Applies toward the biblical studies major but not the Bible and religion major. offered: Fall semester.
- BIBL 2220 Beginning Greek II 4 hrs. (4, 1)**  
 Continuation of Beginning Greek I. Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages. This course is foundational for any further work in Greek (biblical or classical). Applies toward the biblical studies major but not the Bible and religion major. prerequisite: BIBL 2210 or equivalent. offered: Spring semester

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**W7. GLOBAL/INTERCULTURAL WAYS OF KNOWING: Global/Intercultural** Requirement: 3 hours

- BIBL 3310 Archaeological History of the Ancient Near East 3 hrs. (3, 0)**  
 Principles, problems, and contributions of archaeology as related to ancient civilizations from Sumer to fall of Rome. **OFFERED:** Fall semester.
- BSNS 3120 Global Business 3 hrs. (3, 0)**  
 The importance of thinking globally and understanding the legal, technological, and economic differences that affect business practice are explored through readings and projects. The focus is on the global changes that are impacting national sovereignty, regionalization, and the balance of economic and political power. **OFFERED:** Each semester

- DANC 3000**                      **Dance in the Global Community**                      **3 hrs. (3, 0)**  
 Liberal arts and introductory course in the appreciation and understanding of dance in the global community. This course explores how the sacred and secular fit into the social, religious, and political approaches to dance. **OFFERED:** Semester I, 2014
- EDUC 3550**                      **Intercultural Education**                      **3 hrs. (3, 1)**  
 Introduction to theory and practice of intercultural communication, cross-cultural and international experiences, and teaching with a global perspective. Emphasizes an understanding and respect for cultural, racial, socioeconomic, and religious differences and the impact these differences have on educational/teaching theories. An intercultural teaching experience is required with students participating in a Tri-S experience. Strongly suggested for those wishing to student teach overseas. Grade of C or better required. **OFFERED:** Summer Session I.
- ENGR 2080**                      **Service Through Engineering & Technology**                      **3 hrs. (3,0)**  
 Introduction to humanitarian engineering and social entrepreneurship. This course focuses on the challenges and opportunities that are present throughout society. Frugal innovation and alternative resources are applied to these challenges in under-developed and under-represented societies. Explanation is given to demonstrate the moral obligations engineers have to improve quality of living and the environment. Emphasis is given to service learning with the effects and consequences therein. Offered: Spring semester.
- FLAN 2000**                      **Language and Society**                      **4 hrs. (4, 0)**  
 Expands cultural and intercultural awareness by looking at language in a context of social issues and historical, biological, and grammatical concerns.
- FLAN 3400**                      **The French and Spanish Speaking Caribbean**                      **3 hrs. (3, 0)**  
 Explores the dynamic convergence of cultures, races, and religions that comprise the French- and Spanish-speaking Caribbean. Primary focus is placed on the cultures of Haiti, the French Antilles, Cuba, Puerto Rico, and the Dominican Republic, through their history, literature, language, politics, art, and religious expression. Emphasis is put on the complex interrelation of these elements, which have formed the contemporary identity of the region. This course is taught in English. **PREREQUISITE:** Any 2000-level HIST course. **OFFERED:** Spring semester
- GLBL 2500**                      **Introduction to Global Studies**                      **3 hrs. (4,0)**  
 This course will introduce students to the interdisciplinary study of globalization, from the historical, political, economic, environmental, and cultural perspectives. Issues of cross-national and intercultural importance, such as sustainability, technology and trade, and the causes and consequences of human conflict are analyzed using a variety of case studies, viewed through several, simultaneously contributing disciplinary lenses. offered: Fall semester.
- HIST 3100**                      **Ancient History**                      **3 hrs. (3, 0)**  
 Study of ancient Greek and Roman civilizations. Particular attention is devoted to social and political history of both societies and to a consideration of their lasting cultural bequest to the West.
- HIST 3190**                      **The Jewish Holocaust in Historical Context**                      **3 hrs. (3, 0)**  
 Examines the destruction of European Jewry by the government of Nazi Germany from 1933 to 1945. Topics include the history of anti-Semitism in Europe, National Socialist racial ideology, Jewish resistance, attitudes of churches toward Nazi policies, development of death camps as the "final solution," and non-Jewish victims of Holocaust terror. **PREREQUISITE:** Upper-division standing.
- HIST 3240**                      **History of Russia and the Soviet Union**                      **3 hrs. (3, 0)**  
 Examines the development of the Muscovite state and the rise of the Russian "federation" and tsarist system, imperial ambitions and an unruly empire, the influence of the Orthodox Church and its symbiotic relationship with the government, Russian literature and music as a reflection of Russian culture, the revolutions of 1905 and 1917 and the subsequent rise of the Soviet Union, the Cold War, and the downfall of the Soviet Union and its consequent splintering into 15 separate republics. **OFFERED:** Spring semester
- HIST 3250**                      **History of Cold War**                      **3 hrs. (3, 0)**  
 An extensive study of the history of the Cold War in the 20th century between the United States and the Soviet Union and the changes it made to U.S. foreign policy and national security, including: the causes of the original tension and factors/incidents that exacerbated US-Soviet relations; the ripple effect of the Cold War on global politics and economics, particularly in Latin America, Africa, the Middle East, and China; the escalation of military build-up and conflict across the globe; the legacy of the Cold War as the world faces both new and similar challenges.
- HIST 3260**                      **Women in the World, 1800 to Present (WI)**                      **3 hrs. (3, 0)**  
 This course covers a broad history of the role of women throughout the world from approximately the end of the 18th century to modern times. A brief examination of the lives of western women will provide a basis for discussion of the political, cultural, economic, and theological influences on women in Asia, Africa, and the Middle East specifically, with additional attention being paid to women in Latin America and India. Considerable time will be spent discussing the changing roles of women over the course of two centuries. **OFFERED:** Each semester
- HIST 3280**                      **The Age of Global Empires**                      **3 hrs. (3, 0)**  
 Considers European expansion in the 19<sup>th</sup> century and the consequences of that interaction in three continents-Europe, Asia, and Africa. Examines French, British, American, Dutch, and Italian empires, gauges the impact of Western intrusion upon indigenous societies, and considers the ways in which the colonized peoples understood what was happening as well as the outside world's impact upon the West. Prerequisite: Upper-division standing.

- HIST 3300 Middle East (WI) 3 hrs. (3, 0)**  
Survey of Middle Eastern history since the rise of Islam. Emphasis on the 18th century to the present, including the impact of the West on the Middle East. **PREREQUISITE:** Upper-division standing. Writing Intensive.
- HIST 3425 Slavery and Freedom in the Modern World (WI) 3 hrs. (3, 0)**  
Examines the global reliance on slave labor and its impact on populations in Africa, Asia, the Middle East, and the Americas; the institutions of slavery and their demise during the "Age of Emancipation" in the 19th century, focusing particular attention on the emancipation process in the United States, England, Brazil, and the Caribbean; traces debates regarding liberty, forced labor and Christian ethics forward into the 21st century and the various controversies surrounding modern slavery and human trafficking.
- HIST/RLGN 3320 World Religions 3 hrs. (3, 0)**  
Introduction to the major tenets and cultural expressions of selected religions, such as Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, and Christianity. Religions are compared and contrasted thematically and structurally. Emphasis is placed on the interdependence of religions and cultures, and on what it means to be a responsible citizen in a globalized world. **PREREQUISITE:** Upper-division standing.
- HIST 3360 History of Modern Asia 3 hrs. (3, 0)**  
This course focuses on the histories of China, Japan, Korea, India, and Vietnam, to include: the foundational values (religions, philosophies and customs) of each culture; their political and economic structures; their struggles to retain autonomy against Western encroachment as well as their inter-Asian rivalries and cooperation; the challenges of preserving historical traditions and values in a modern world, particularly when tempted by the rapid technological advancement of the 19th century; 20th century conflicts (including two world wars, the Korean War, the Vietnam War, and the Cold War); and current issues faced by these countries in the 21st century.
- HIST 3370 General History of Latin America 3 hrs. (3, 0)**  
Pre-Colombian civilizations and the results of their clash with European cultures, formation of Latin American culture and character, past and present movements for political and economic independence, and the role of the United States in shaping the current socioeconomic situation. **OFFERED:** Spring semester
- HNRS 3221 The Scholar as Citizen of the World 3 hrs. (3, 0)**  
Examines the bridges and barriers among various cultures of the world through a historical analysis. *Open to honors program students only.*
- GLBL/INCS 2550 Intercultural Competence 3 hrs.**  
This course introduces students to the theories and concepts of intercultural competence and the literature related to this field of study. Coursework will focus an interdisciplinary approach to the study of culture, developmental and experiential learning theory, and methods for culture learning. Students will also become familiar with intercultural competence assessment theory and practices as it relates to guided development in intercultural competence. **SAME AS:** GLBL 2550. **OFFERED:** Every other fall semester.
- LEAD 4550 Diversity and Intercultural Competence **\*\* (Adults Only) \*\*** 4 hrs.**  
With the explosion of technology and the increase in global communication, the world is becoming evermore connected. Similarly, the United States has become, over the preceding decades, increasingly diverse. Individuals who want to be successful must acquire the competencies that will allow them to work with people of varied backgrounds. To this end, our academic task will include not only the definition of key terms and concepts integral to the diversity discussion but also the honing of sensitivities and skill sets necessary for mutually enriching intercultural interaction.
- MUSC 2330 Introduction to World Music 3 hrs. (3, 0)**  
Provides a framework for experiencing and understanding music from a variety of cultures, Western and non-Western. Focus on belief systems, social organization, cultural contexts, and musical materials for the purpose of identifying similarities and differences between cultures. **PREREQUISITE:** MUSC 1020. **OFFERED:** Spring semester
- POSC 3300 International Politics (WI) 3 hrs. (3, 0)**  
Studies the major theories, concepts, and principles of international politics. Also examines current global problems and international institutions dealing with global stability, conflict resolution, economic relationships, and war. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester.
- POSC 3310 Security and Peace Studies (WI) 3 hrs. (3, 0)**  
Examines specific issues in international affairs and human security with an emphasis on conflict case studies since the end of the Cold War. Also studies the relationship between faith, morality, and the ethical conduct of foreign policy. **PREREQUISITE:** Upper-division standing. **OFFERED:** Spring semester of odd-numbered years
- SOCI 2450 Intro to Issues in Race and Ethnicity 3 hrs. (3, 0)**  
Introduces students to the basic concepts and major issues regarding the understanding of race and ethnicity sociologically. Contemporary and historical issues with racism, prejudice, and discrimination are discussed. A perspective of "sociological imagination" where one tries to understand the intersection between individual biography and social structural history is modeled and encouraged in the course. Examples of positive and negative cases of inter-group interaction are examined.

**SOCI 3470 Environmental Sociology 3 hrs. (3, 0)**  
Examines the interplay among the biophysical environment, social organization, and human social behavior with a focus on the social and environmental consequences of the organization of daily life. Students will study how various societal institutions and structures influence the definition of and response to the physical environment. **PREREQUISITE:** Upper-division standing

**SPAN 3020 Spanish Conversation 4 hrs. (3, 1)**  
Designed to increase students' abilities to deal orally and culturally with a variety of subjects related to everyday life, employment, current events, and travel. Includes review of Spanish grammar, development of more fluent command of oral patterns, and more active control of vocabulary. Practice with native Spanish speakers required in a practicum setting. Required of all Spanish majors and minors. **EXPECTATION:** SPAN 2020.

**SPAN 3101 Spanish for Health Care 4 hrs. (4, 0)**  
Designed for students combining a Spanish major or minor with a major in an area of business, health care, ministry, social work or law enforcement, this course will give students the linguistic and cultural knowledge needed to function in Spanish in their designated fields. Only one section of Spanish 310X may be counted toward completion of the Spanish major or minor. **EXPECTATION FOR 3101 AND 3102:** Span 2020.

**SPAN 3102 Spanish for Ministry 4 hrs. (4, 0)**  
Designed for students combining a Spanish major or minor with a major in an area of business, health care, ministry, social work or law enforcement, this course will give students the linguistic and cultural knowledge needed to function in Spanish in their designated fields. Only one section of Spanish 310X may be counted toward completion of the Spanish major or minor. **EXPECTATION FOR 3101 AND 3102:** Span 2020.

**SPAN 3140 Spanish Phonetics 3 hrs. (2, 1)**  
This course provides a survey of topics in Spanish phonetics and phonology, designed to help the non-native speaker develop accurate pronunciation and intonation. Introduction to phonetic transcription, basic concepts of linguistic science, and contrasts with English pronunciation patterns. Extensive oral practice and several recordings required. Required of all Spanish majors. **EXPECTATION:** SPAN 2020.

## W8. EXPERIENTIAL WAYS OF KNOWING

This is an experiential learning activity that will be fulfilled by a course, internship, practicum, capstone, clinical, or approved Academic department activity.

## SPEAKING INTENSIVE COURSES One Oral Communications Intensive class course beyond COMM 1000

- |  |  |
|--|--|
| ___ ATRG 4910 – 2 hrs Seminar in Athletic Training                           | ___ MUBS 3350/BSNS 3330 – 3 hrs Music Marketing                      |
| ___ BSNS 3210 – 3 hrs Buyer/Seller Relations                                 | ___ MUED 3110 – 3 hrs Music in the Elem. School                      |
| ___ BSNS 4480 – 3 hrs Leadership   | ___ MUED 3350 – 2 hrs Voice Pedagogy                                 |
| ___ CHEM/BIOL/PHYS 4910/4920 – 1 hr Science Seminar                          | ___ MUSC 4955 – 3 hrs Senior Presentation                            |
| ___ COMM 2550 – 3 hrs Appreciation of Great Speeches                         | ___ MUTR 3210 – 2 hrs Musical Theatre Styles I                       |
| ___ CMIN 3910 – 3 hrs Ministry Seminar                                       | ___ NURS 4450 – 7 hrs Partial Self-Care Agency I                     |
| ___ CRIM 4900 – 3 hrs Criminal Justice Seminar                               | ___ PETE 4900 – 2 hrs Tech Application in Sport, Physical Act, & Rec |
| ___ DANC 3050 – 3 hrs Dance Pedagogy   | ___ POSC 3211 – 3 hrs The Congress                                   |
| ___ ENGL 3050 – 3 hrs History of the English Language                        | ___ POSC 3212 – 3 hrs The Presidency                                 |
| ___ ENGL 3220 – 3 hrs Global Literature                                      | ___ POSC 3420 – 3 hrs The Democratic World                           |
| ___ EXSC 4920 – 2 hrs Seminar in Exercise Science                            | ___ POSC 3520 – 3 hrs Globalization & Developing World               |
| ___ FLAN 4900 – 3 hrs Senior Seminar in Foreign Language                     | ___ PSYC 4210 – 3 hrs Capstone: Psychological Issues/Youth           |
| ___ HIST 2300 – 3 hrs Historical Inquiry                                     | ___ PSYC 4520 – 3 hrs Capstone Research II                           |
| ___ HIST 2350 – 3 hrs Foundation of Public History                           | ___ SOCI 4200 – 3 hrs Social Stratification                          |
| ___ HIST 4930 – 3 hrs Senior Seminar   | ___ SOWK 4850 – 3 hrs Social Work Practicum                          |
| ___ HNRS 2125 – 2 hrs Scholar as Servant Leader (Honor program student only) | ___ SPAN 3020 – 3 hrs Spanish Conversation                           |
| ___ LEAD 4990 – 5 hrs Action Research Project (Adults only)                  | ___ TESL 3500 – 3 hrs Teach Culturally/Linguistically Diverse Stud   |
| ___ MATH 4000 – 2 hrs Problem Seminar  | ___ THEA 3210 – 3 hrs Musical Theatre Styles I                       |

## ADVANCED WRITING COMPETENCY

Two writing intensive courses beyond ENGL 1120 (pre-requisite).

One of the two courses must be upper-division.

- \_\_\_ ACCT 4900 – 1 Professional Ethics for Accountants
- \_\_\_ ARTH 3030 – 3 Contemporary Art/Design
- \_\_\_ ARTS 4950 – 4 Comprehensive Projects
- \_\_\_ ATRG 3440 – 3 Therapeutic Rehabilitation
- \_\_\_ BIBL/RLGN 3000 –3 The Bible, Christians & Biblical Interpretation
- \_\_\_ BIOL 4050 – 4 Genetics
- \_\_\_ BIOL/CHEM/PHYS 4910/4920 – 1 + 1 Science Seminar  
(both courses must be taken to fulfill One WI requirement)
- \_\_\_ BSNS 3300 – 1 Music Marketing
- \_\_\_ BSNS 4440 – 1 Senior Marketing Seminar
- \_\_\_ BSNS 4910 – 1 Seminar in Ethics and Leadership
- \_\_\_ BSNS 4920– 1 Seminar in Management
- \_\_\_ CHEM 3100 – 4 Analytical Chemistry
- \_\_\_ COMM 2130 – 3 Writing for the Media
- \_\_\_ COMM 2160 – 3 The Art of Storytelling
- \_\_\_ COMM 3220 – 3 Screenwriting
- \_\_\_ COMM 3230 – 3 Advanced Feature and Magazine Writing
- \_\_\_ CMIN 4250 – 3 Theology in a Ministry Context
- \_\_\_ CRIM/ SOCI 2510 – 4 The Nature of Crime and Social Deviance
- \_\_\_ DANC 3010 – 3 Dance History Survey
- \_\_\_ EDUC 3120 – 3 Educational Assessment for Classroom Teacher
- \_\_\_ EDUC/ENGL 3590 – 3 Teaching Diversity through Young Adult Lit
- \_\_\_ EDUC 4120 – 4 Organization/Mgmt of Elementary Classroom
- \_\_\_ EDUC 4710 – 4 Mgmt, Organization & Methods of Secondary Educ
- \_\_\_ ENGL 2500 – 2 Appreciation of the Writing Craft
- \_\_\_ ENGL 3050 – 3 History of the English Language
- \_\_\_ ENGL 3110 – 3 Creative Writing—Fiction
- \_\_\_ ENGL 3120 – 3 Creative Writing—Poetry
- \_\_\_ ENGL 3140 – 3 Writing and Digital Media
- \_\_\_ ENGL 3160 – 3 Professional Writing and Editing
- \_\_\_ ENGL 3180 – 3 Composition: Nonfiction
- \_\_\_ ENGL 3190 – 3 Composition: Argument
- \_\_\_ ENGL 3500 – 4 American Literature of the 19th Century
- \_\_\_ ENGL 3551 – 4 American Literature of the 20th Century
- \_\_\_ ENGL 3580 – 3 American Cross-Cultural Authors
- \_\_\_ ENGL 4000 – 3 Special Topics in Literature
- \_\_\_ ENGL 4550 – 4 American Poetry
- \_\_\_ ENGL 4700 – 3 Methods of Teaching English
- \_\_\_ ENGL 4910 – 3 Senior Capstone Seminar
- \_\_\_ EXSC 4920 – 2 Seminar in Exercise Science
- \_\_\_ FLAN 4900 – 3 Senior Seminar in Foreign Language
- \_\_\_ HIST 3260 – 3 Women in the World, 1800 to the Present
- \_\_\_ HIST 3300 – 3 Middle East
- \_\_\_ HIST 3425 – 3 History of Slavery in America, 1619 – 1865
- \_\_\_ HIST 3430 – 3 Antebellum America, 1828-1860
- \_\_\_ HIST 3440 – 3 Civil War and Reconstruction
- \_\_\_ HIST 3451 – 3 U.S. from the Gilded Age to 1945
- \_\_\_ HIST 3452 – 3 U.S. from 1945 to the Present
- \_\_\_ HIST 3470 – 3 The American West
- \_\_\_ HIST 3510 – 3 America at War, 1776 to the Present
- \_\_\_ LEAD 4990 – 3 Action Research Project  
(Adults only)
- \_\_\_ MUBS 3350 – 3 Music Marketing
- \_\_\_ MUBS 3500 – 1 Current Topics in Music Business
- \_\_\_ MUSC 3110 – 3 History of Music: Medieval to Renaissance
- \_\_\_ MUSC 3120 – 3 History of Music: Baroque to Classic
- \_\_\_ MUSC 3130 – 3 History of Music: 19th and 20th Century
- \_\_\_ MUSC 3170 – 3 History of Music: Popular Music in 20th Century
- \_\_\_ MUSC 3180 – 3 History of Music: Lyric Theatre
- \_\_\_ NURS 3390 – 2 Nursing Research
- \_\_\_ NURS 4470 – 4 Seminar in Nursing
- \_\_\_ PETE 2250 – 3 Motor Behavior
- \_\_\_ PETE 4300 – 4 Curriculum Development/Assessment in Physical Ed
- \_\_\_ PHYS 3100 – 2 Modern Physics Laboratory
- \_\_\_ POSC 2400 – 3 Political Science Research Methods
- \_\_\_ POSC 3300 – 3 International Politics
- \_\_\_ POSC 3310 – 3 Security & Peace Studies
- \_\_\_ POSC 3400 – 3 Comparative Politics
- \_\_\_ POSC 3420 – 3 The Democratic World
- \_\_\_ PSYC 2010 – 2 General Psychology Laboratory
- \_\_\_ PSYC/SOCI 3010 – 4 Social Psychology
- \_\_\_ SOCI 3700 – 4 Introduction to Social Research
- \_\_\_ SPAN 3010 – 4 Spanish Composition
- \_\_\_ SPED 3120 – 3 Special Education Assessment for Classroom Teacher