BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH CONCENTRATIONS IN MATHEMATICS AND SCIENCE

Major Codes: 470 C, D (Teaching) 2012-2013

Department of Curriculum and Instruction Reich College of Education

I. General Education Requirements

II.

III.

V. Electives

TOTAL

Dr. Laurie Ramirez, Coordinator ramirezla@appstate.edu

44 SH

3 **SH**

128 SH

	<u>SPECIAL NOTE</u> : Middle Grades Education majors should refer to page 3 of this Program of Study for important informati General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education material meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator for questions relating to General Education recommendations and requirements.	ajors on page 3 also
l .	Professional Education Requirements All courses must be completed with "C" (2.0) or better. C I 2300 Teaching and Learning in the Digital Age (2) Entry course to teacher education. Required prior to admission to teacher education. Professional Profess	rerequisite or Co-requisite: Cl 2300. Perequisite or Co-requisite: Cl 2300. Perequisite or Co-requisite: Cl 2300. Perequisites: Cl 2300, FDN 2400, PSY 3010. Perequiper of Cl (2.0) or better of the control of the cont
	Praxis Exams: PRAXIS I Academic Skill Assessments: *CBT Reading *CBT Writing *PPST/CBT Mathematics PRAXIS II: Subject/Assessment Exam(s)	
II.	. <u>Major Requirements</u> :	69 SH (-12 Gen Ed)
	A. <u>Middle Grades Academic Concentrations</u> : Mathematics, Science (See attached listing of courses and meet with advisor.)	
	MATHEMATICS CONCENTRATION SCIENCE CONCENTRATION	
		
	 B. The following courses must be taken using the cohort model. Please note that all cohort interns teaching can be done only in schools that have been identified by ASU as professional development following page for additional information) Block I (Second Semester Junior year. Please note that this block is offered only during the SPI ** #+ CI 3900 Middle Grades Internship (3) ** #+ CI 3910 Middle Level Education (3) **#+ CI 3920 Teaching Young Adolescents (3) Courses from academic concentrations 	ment schools. (See
	Block II (First Semester Senior Year. Please note that this block is offered only in the FALL TER ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4) ** #+ RE 4630 Reading in the Content Area (2) ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3) ** #+CI 4040 Mathematics in the Middle Grades (3) ** #+GS 4403 Teaching Science in the Middle and High Schools (3)	<u>RM.)</u>
	#Cannot be taken before being admitted to Teacher Education *Should be taken before junior year (Pre-requisite to enter Teacher Education) +Must have "C" (2.0) or higher for COE **Must be taken before student teaching	
	C. CI 4450 Portfolio/Exhibition (1) is to be taken during the student teaching semester.	
IV.	V. Second Academic Concentration Second academic concentration requirements are met upon su completion of middle grades content concentrations.	uccessful

4.1.12 1

MIDDLE GRADES CONCENTRATIONS

MATHEMATICS CONCENTRATION (24 SH)

MAT 1110 Calculus with Analytic Geometry I (4) **(Gen Ed: Quantitative Literacy)** (Prerequisite: MAT 1025, with a grade of "C-" or higher, or equivalent)

MAT 3910 Introduction to the Logic and Structure of Mathematics I (4) (Prerequisite: junior or senior standing or permission of the instructor)

MAT 3920 Introduction to the Logic and Structure of Mathematics II (4) (Prerequisite: MAT 3910 or permission of instructor)

CI 4040 Mathematics in the Middle Grades (3) **(Block Two, Fall only)**(Prerequisite: senior standing in mathematics or permission of the instructor)

Select at least one of the following courses:

STT 2810 Introduction to Data Analysis and Statistical Inference (3) (Prerequisite: MAT 1010 or equivalent)

MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

MAT 3610 Introduction to Geometry (3) (Prerequisites: MAT 1120 and MAT 2110)

MAT 4910 Informal Geometry (3) (Prerequisite: MAT 3910 or MAT 3920 or permission of the instructor) Additional courses may be selected from the following list. Courses not listed may be taken with permission from your advisor.

MAT 1120 Calculus with Analytic Geometry II (4) (Prerequisite: MAT 1110 (with a grade of "C-" or higher)

MAT 2240 Introduction to Linear Algebra (3) (Prerequisite: MAT 1120 or permission of the instructor)

MAT 3010 History of Mathematics (2)

MAT 3110 Introduction to Modern Algebra (3)(Prerequisites: MAT 2110 and MAT 2240 or permission of instructor and ENG 2001 or its equivalent

MAT 3520 Instructional Assistance (1)

SCIENCE CONCENTRATION (26 SH)

The Science Inquiry Perspective requires 8 semester hours from one <u>theme</u> (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and corequisites.

Eight semester hours (8 SH) from one of the General Education Science Inquiry perspectives listed below:

Biology and Soc	<u>iety</u> :BIO 11	01,BIO	1102		
The Blue Planet	:GL\	/ 1104,	GLY 1105		
* Chemistry Conn	ections to Our Ch	nanging World:	CHE 1101/ CH	E 1110,	CHE 1102/ CHE 1120
*How Things Wo	<u>rk:</u> PHY 1:	101, _PHY 1102			
*The Physics of C	Our Technological	World:	PHY 1103,	PHY 1104	
*Physics of Self E	xpression:	PHY 1101,	PHY 1810,	_PHY 1812,	_PHY 1814
*Physics with Cal	<u>culus</u> :PHY 115	50,PHY 11	l51		
Restless Planet	: Earth, Environm	ent and Evoluti	on:GLY 110	01,GLY 110	02,GLY 1103
Required: One four ho of 12 sh:			om <u>each</u> of the i	S	ee sciences for a total

GS 3300 Educational Applications of Science Concepts (3) (Prerequisites: MAT 1010 or higher and at least sophomore standing.)

GS 4403 Teaching Science in the Middle and High Schools (3) (Block Two, Fall only)

4.1.12

APPALACHIAN STATE UNIVERSITY GENERAL EDUCATION 2012-2013 (44 Semester Hours)

http://generaleducation.appstate.edu

MIDDLE GRADES EDUCATION: MATHEMATICS AND SCIENCE

SPECIAL NOTE: Middle Grades Education majors should follow this General Education Checksheet adapted by Middle Grades faculty with some designated courses for students taking Mathematics and Social Studies concentrations (see courses required for concentrations on page 2 of this Program of Study). Up to 12 SH can be double-counted for the major as identified on page 2. Students should contact their advisor or the Middle Grades Coordinator (identified on page 1) for questions relating to General Education recommendations and requirements.

FIRST YEAR SEMINAR (required)	QUANTITATIVE LITERACY (4 s.h. required)
UCO 1200 or HON 1515 or WGC 1103 (3 s.h.)	MAT 1010
or UCO MET* (0 s.h.)	MAT 1020
*applies to students who transfer at least 30 s.h. AND are at least one year out of	MAT 1025
high school. Students using this option will have 41 s.h. of General Education.	(***These courses are 3 s.h. courses and do NOT fulfill the Quantitative Literacy
	requirement on their own. All other courses listed above are 4 s.h. courses and will
WRITING ACROSS THE CURRICULUM (6 s.h. required)	fulfill the Quantitative Literacy requirement by themselves.)
ENG 1000 or LLC 1000 or WGC 1103	
ENG 2001 or WGC 2001	WELLNESS LITERACY (2 s.h. required)- Choose from the following:
	1 s.h. courses: P E 1530-1545, P E 1700-1877
MAJOR REQUIREMENTS	2 s.h. courses:H P 1105HED 1000DAN 1400DAN 1400
Junior Writing in the Discipline**	DAN 1420DAN 2400DAN 2410 DAN 2420
Senior Capstone Experience **	DAN 3280DAN 3480DAN 3580MSL 1101
(**These hours count in the major requirements, not	3 s.h. courses (additional hour counts as elective):DAN 4460NUT 2202
the 44 hours of General Education requirements.)	P E 1718
DESIGNATIONS in Perspectives (3 s.h. of each required): Fine Arts (FA), Hi	istorical Studies (HS), Literary Studies (LS)
PERSPECTIVES: Choose one theme (underlined) from each of the following thre	e Perspectives. Complete at least 6 semester hours in each of the themes and 9 semester
nours in one of the themes (21 total s.h. required). Within the three Perspectiv	ves, you must have 3 s.h. in each of the three Designations: Fine Arts (FA), Historical Studies
(HS) and Literary Studies (LS). <i>Italicized courses appear in multiple themes; how</i>	vever, courses may only be applied to one theme.
ACCTUATION DEPOCATIVE (C.O.s. b. from one thousand with the assessment of "Creative I	Expressions of Culture," students must take courses from at least two disciplines in their chosen
theme)	expressions of culture, students must take courses from at least two disciplines in their chosen
□Analyzing Style and Form: □AN 2010 (FA), MUS 2011 (FA), PHL 201	13 THR 2010 (FA)
☐ The Body: Expression, Presentation and Representation: DAN 3430 (FA),	
	00-3399 (Check online course listing for information on specific courses offered each semester.)
Cultivating Creative Expression:ART 2022 (FA),MUS 2022 (FA),TI	
□Expressions of Belief:ANT 2300,COM 3315,REL 2010 (LS),R	
□ How We Tell Stories:ENG 2170,IDS 3210,LLC 2025 (LS),PHL	
Shaping the Human Environment: COM 3531, FCS 1000, IND 2012	
	2017 (FA)/SOC 1100 (Linked classes (must be taken together) – Check online course listing for
details), MUS 2613 (FA)	
☐ <u>Traditions and Innovations</u> :ART 2130 (FA),ENG 2050 (LS),HIS 111	
☐ <u>Traditions and Innovations</u> :ART 2130 (FA),ENG 2050 (LS),HIS 111PHL 2013	10 (HS),MUS 2611* (HS),MUS 2612* (HS),MUS 3611* (HS), (*These courses are 2 semester hours.)
PHL 2013	
PHL 2013	(*These courses are 2 semester hours.)
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme)	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:FCO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS), A S/MUS 2016, SOC 3710 IT 3040, P S 3410 1120 (HS), MUS 2023 (FA), REL 1110, SOC 4560, W S 2421
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 11	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 31	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 3 □ Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS □ Religion, Myth and Society:ANT 2430,ART 2030 (FA),IDS 3261, □ Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 2200	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 2011 (FA),GHY 1040,HIS □ Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PSC 2011 (FA),IDS 3261,Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 2200 (□ This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS),	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS),A S/MUS 2016,SOC 3710 IT 3040,P S 3410 1120 (HS),MUS 2023 (FA),REL 1110,SOC 4560,W S 2421 1200,RM 2100,SOC 1000,W S 2400 IN STANCE OF THE STA
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSV 1 Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PSV 1 Religion, Myth and Society:ANT 2430,ART 2030 (FA),IDS 3261, Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 220 CharacteristicECO 2030,ENG 2350 (LS),HIS 1200 (HS),IDUnderstanding Culture Through Social Practice:,WGC 2100-2199,	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS), A S/MUS 2016,SOC 3710 IT 3040, P S 3410 1120 (HS), MUS 2023 (FA), REL 1110, SOC 4560, W S 2421 1200, RM 2100, SOC 1000, W S 2400 SY 1200 REL 1110, THR 3730 20 (HS), MUS 2015 (FA), PHL 3030, REL 2120, SOC 1100
PHL 2013 HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □ Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE □ Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118, □ Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG □ Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS □ Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 2011 (FA),GHY 1040,HIS □ Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PSC 2011 (FA),IDS 3261,Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 2200 (□ This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS),	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS),A S/MUS 2016,SOC 3710 IT 3040,P S 3410 1120 (HS),MUS 2023 (FA),REL 1110,SOC 4560,W S 2421 1200,RM 2100,SOC 1000,W S 2400 IN STANCE OF THE STA
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS Cultural Diversity: ANT 2420, FCS 2111, PHL 2000, PSY 30 (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Religion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 2260 (This American Life: ECO 2030, ENG 2350 (LS), HIS 1200 (HS), AUD (HS), Caches and Semester.)	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS Cindividual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 30 Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS Religion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 2200 This American Life: ECO 2030, ENG 2350 (LS), HIS 1200 (HS), COM 3532 (HS) COM 3532 (HS) 200 (HS), COM 3532 (HS), COM 3532 (HS) 200 (HS), COM 3532 (HS), COM	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS),A S/MUS 2016,SOC 3710 IT 3040,P S 3410 1120 (HS),MUS 2023 (FA),REL 1110,SOC 4560,W S 2421 1200,RM 2100,SOC 1000,W S 2400 IN STANCE OF THE STA
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS DIndividual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 30 (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Mind: HIS 3923 (HS), ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 260, DIT IS American Life: ECO 2030, ENG 2350 (LS), HIS 1200 (HS), ART 2030 (H	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: FCO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS Individual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 30 (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Heligion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 200, DIA SAMPICAN HIS 1501 (HS), SAMPICAN HIS 1501 (HS), COM 2100 (HS), COM 2112, COM 2100 (HS), PS (HOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of Workness theme) Democracy and Personal Life: COM 2112, ENG 2130 (LS), PS 1200	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS Clindividual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 2001 (FA), IDS 3260, LLC 2050, PHL 1501, PS Religion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 2200 (This American Life: ECO 2030, ENG 2350 (LS), HIS 1200 (HS), CUlture Through Social Practice: , WGC 2100-2199, each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Democracy and Personal Life: COM 2112, ENG 2130 (LS), PS 1200 (EA), and Globalization: ANT 1415, ART 2130 (FA), Empire, Colonialism, and Globalization: ANT 1415, ART 2130 (FA),	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 100 Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS Religion, Myth and Society:ANT 2430,ART 2030 (FA),IDS 3261, Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 220 This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS), Understanding Culture Through Social Practice:,WGC 2100-2199, each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Democracy and Personal Life:COM 2112,ENG 2130 (LS),PS 120 Empire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Global Resources:ECO 2620,GHY 1020,IDS 3010,NUT 2352	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 100 Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS Religion, Myth and Society:ANT 2430,ART 2030 (FA),IDS 3261, Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 220 This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS), Understanding Culture Through Social Practice:,WGC 2100-2199, each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Democracy and Personal Life:COM 2112,ENG 2130 (LS),PS 120 Empire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Global Resources:ECO 2620,GHY 1020,IDS 3010,NUT 2352	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Individual and Society:ANT 2420,FCS 2111,PHL 2000,PSY 100 Mind:HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS Religion, Myth and Society:ANT 2430,ART 2030 (FA),IDS 3261, Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 220 This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS), Understanding Culture Through Social Practice:,WGC 2100-2199, each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Democracy and Personal Life:COM 2112,ENG 2130 (LS),PS 120 Empire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Global Resources:ECO 2620,GHY 1020,IDS 3010,NUT 2352	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) □Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE □Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, □Capitalism and Its Critics: FCO 2030, FIN 2860, HIS 3524, MG □Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS □Individual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 3 □Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS □Religion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, □Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 220 □This American Life: FCO 2030, ENG 2350 (LS), HIS 1200 (HS), □D 200 (HS), □D	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:AS 2410,AS 2411,AS/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Cultural Diversity:ANT 2420,FCS 2111,PHL 2000,PSY 300,HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS 100,	(*These courses are 2 semester hours.) In of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds:ANT 1420,ART 2030 (FA),HIS 2312 (HS),RE Appalachia:A S 2410,A S 2411,A S/GLY 2301,COM 3118,Capitalism and Its Critics:ECO 2030,FIN 2860,HIS 3524,MG Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Cultural Diversity:ANT 1415,ART 2011 (FA),GHY 1040,HIS Cultural Diversity:ANT 2420,FCS 2111,PHL 2000,PSY 300 (FA),HIS 3923 (HS),IDS 3260,LLC 2050,PHL 1501,PS Compared and Social Change:COM 3532,HIS 1501 (HS),IDS 3261,Revolutions and Social Change:COM 3532,HIS 1501 (HS),IDS 2200 (This American Life:ECO 2030,ENG 2350 (LS),HIS 1200 (HS), Each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 1415,ART 2130 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 2011 (FA),COM 3531,ENG 2170 (FA), Closen theme) Clempire, Colonialism, and Globalization:ANT 2011 (FA),COM 3531,ENG 2170 (FA), Closen theme)	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS DINDIVIDUAL DIVERSITY: ANT 1415, ART 2011 (FA), GHY 1040, HIS DINDIVIDUAL DIVERSITY: ANT 2420, FCS 2111, PHL 2000, PSY 30 (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Mind: HIS 3903) (HS), IDS 3260, LLC 2050, HIS 1501 (HS), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 220 (ID (HS), IDS 200) (HS), HIS 1200 (HS), ART 2010 (HS), ART 2010 (HS), ART 2010 (HS), ART 2010 (HS), IDS 200 (HS), HIS 1200 (HS), ART 2010 (HS), ART 2130 (FA), IDS 200 (HS), ART 2010 (HS), ART 2130 (FA), IDS 200 (HS), ART 2130 (FA), IDS 200 (HS), ART 2130 (FA), IDS 200 (HS), ART 2010 (HS), ART 2130 (FA), IDS 200 (HS), ART 2130 (FA), IDS 200 (HS), ART 2130 (FA), IDS 200 (HS), ART 2010 (HS), IDS 200 (HS), ART 2130 (HS), ART 2010 (HS), IDS 2000, IDS 3010, ART 2010 (HS), IDS 2000, IDS 2000 (HS), IDS 200	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: ECO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS DINDIVIDUAL DIVERSITY: ANT 1415, ART 2011 (FA), GHY 1040, HIS DINDIVIDUAL DIVERSITY: ANT 2420, FCS 2111, PHL 2000, PSY 30 (Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS (Heligion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 220 (HS), HIS 1501 (HS), ART 2030 (HS), ECO 2030, ENG 2350 (LS), HIS 1200 (HS), ART 2030 (FA), ART 2130 (FA), ART 2030 (FA), ART 20	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS)
HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; with the exception two disciplines in their chosen theme) Ancient Worlds: ANT 1420, ART 2030 (FA), HIS 2312 (HS), RE Appalachia: A S 2410, A S 2411, A S/GLY 2301, COM 3118, Capitalism and Its Critics: FCO 2030, FIN 2860, HIS 3524, MG Cultural Diversity: ANT 1415, ART 2011 (FA), GHY 1040, HIS Individual and Society: ANT 2420, FCS 2111, PHL 2000, PSY 30 Mind: HIS 3923 (HS), IDS 3260, LLC 2050, PHL 1501, PS Religion, Myth and Society: ANT 2430, ART 2030 (FA), IDS 3261, Revolutions and Social Change: COM 3532, HIS 1501 (HS), IDS 220 This American Life: FCO 2030, ENG 2350 (LS), HIS 1200 (HS), Understanding Culture Through Social Practice: , WGC 2100-2199, each semester.) LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WC chosen theme) Democracy and Personal Life: COM 2112, ENG 2130 (LS), PS 120 (EA), Global Resources: ECO 2620, GHY 1020, IDS 3010, NUT 2351 (Identity, Culture and Media: ART 2011 (FA), COM 3531, FNG 2170 (Identity, Culture and Media: ART 2011 (FA), COM 3531, ENG 2170 (IDS 2000, IDS 3010, MIS 2018 (FA), THR 2020 (FA), DAN 2030 (FA), DAN 2030 (FA), THR 2020 (FA), DAN 2030 (FA), THR 2020 (FA), ARB/CHN/FRE/GER/JPN/P (Regions in Global Context: FNG 2040 (LS), (ARB/CHN/FRE/GER/JPN/P (NOTE: HIS 1520(HS), and HIS 1525 (HS) give Honors credit for Inserting the supplies of the supplies of the context in the supplies of the context in the supplies of the supplies of the context in the	(*These courses are 2 semester hours.) n of "Understanding Culture Through Social Practice," students must take courses from at least L 2010 (LS) HIS 3726 (HS),A S/MUS 2016,SOC 3710 IT 3040,P S 3410 1120 (HS),MUS 2023 (FA),REL 1110,SOC 4560,W S 2421 1200,RM 2100,SOC 1000,W S 2400 **REL 1110,THR 3730 D0 (HS),MUS 2015 (FA),PHL 3030,REL 2120,SOC 1100 IDS 2000,MUS 2014 (FA),P S 1100,P S 3722,S W 2020 ,WGC 3100-3199 (Check online course listing for information on specific courses offered GC 1104 in "Investigations Global," students must take courses from at least two disciplines in their D0,SOC 1110,SOC 1530,W S 2600 ENG 2040 (LS),GLS 2000,HIS 1400 (HS),HIS/MSL 3823 (HS) 1,TEC 2601 D0,MUS 2018 (FA),MUS 2615* (FA),MUS 2616* (FA),PHL 1503 (*These courses are offered in alternate years.) atauga Global Community students.) HIS 1600 (HS) A),ARB/CHN/FRE/GER/JPN/POR/RSN/SNH) 1050,(FRE/GER/SNH) 1060**, ICGER/SNH 1060 are 6 semester hours. Only 3 semester hours count in General Education.) DOR/RSN/SNH) 1050,(FRE/GER/SNH) 1060**,GHY 1020,HIS 1130 (HS),

4.1.12 3 (con't on p. 4)

GENERAL EDUCATION (con't)

The SCIENCE INQUIRY PERSPECTIVE requires 8 semester hours from one theme (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and co-requisites. Italicized courses appear in multiple themes; however, courses may only be applied to one theme.

SCIENCE INQUIRY PERSPECTIVE (8 s.h. from one theme)
□Biology and Society:BIO 1101,BIO 1102
□ <u>The Blue Planet</u> : <u>GLY 1104</u> ,GLY 1105
*□Chemistry Connections to Our Changing World:CHE 1101/ CHE 1110,CHE 1102/ CHE 1120
*□ <u>How Things Work</u> : PHY 1101 ,PHY 1102
*□ <u>The Physics of Our Technological World</u> :PHY 1103,PHY 1104
*□ <u>Physics of Self Expression</u> : PHY 1101 ,PHY 1810,PHY 1812,PHY 1814
*□Physics with Calculus:PHY 1150,PHY 1151
Restless Planet: Earth, Environment and Evolution: GLY 1101, GLY 1102, GLY 1103

4.1.12 4