Shawnee State University Department of Natural Sciences Degree Checklist

# **B.S. Natural Science** with Adolescent to Young Adult (Grade 7-12) Licensure: **EARTH SPACE SCIENCE**

2016-2017 catalog

Student nan	ne		ID #		
TI	EACHER EDUCATION CURRICULUM (48	hours)	E	ARTH SCIENCE CURRICULUM (44-45 h	iours)
-					
	Professional Education Core (18 hours	<i>(i)</i>	GEOL 1201	Physical Geology & Human Environment	4
EDUIC 444E		2		Historical Geology	4
	Intro to the Teaching Profession	3	GEOL 1350	Planet Earth	4
	Educational Media, Tech, & Computers	3	GEOL 2111	Introduction to Geologic Field Methods	2
	Understanding Cultural Diversity	3	GEOL 2203	Mineralogy	4
EDIS 2250	Exceptional Learning Needs	3	GEOL 4310	Geomorphology	4
EDUC 3310		3	GEOL 4311	Surface & Groundwater Hydrology	4
EDRE 3305	Teaching Reading in the Content Area	3		General Chemistry 1	4
			PHYS 2210	Introductory Astronomy	4
	Related Studies (9 hours)		NTSC 1110	Scientific Reasoning & Methodology	3
			PSCI 2251	Physical Science by Inquiry 1	4
PSYC 1101	Intro to Psychology	3			
PSYC 2130	Child & Adolescent Psychology	3	MATH 1250	Trigonometry OR	3
PSYC 2170	Educational Psychology	3		MATH 2110 Calculus 1	4
EDA	E Courses including Capstone EDAE 4385/4386	(21 hours)			
EDAE 3285	Foundations of Secondary Education	3		GENERAL ELECTIVES	
EDAE 4400	Secondary School Curr., Instr., & Mgmt.	2	Additional co	ursework in any area. A minimum of 120 <u>total</u> e	earned credit hours
EDAE 4433	Teaching Science in Grades 7-12			Natural Science requirements + Teacher Educat	
EDAE 4385	Teacher Education Capstone 1	3 1		electives) is required for graduation with this de-	gree.
EDAE 4386	Teacher Education Capstone 2	2			
EDAE 4490	Directed Teaching & Seminar	10			
	REQUIREMENTS FOR THE A.Y.A. PROGR	RAM	ADDIT	IONAL MINIMUM GRADUATION REQU	JIREMENTS
	2.75 overall, cumulative GPA 3.00 GPA for content courses (Science & Math)			TWO courses flagged as Writing Intensive (WI) by courses already counted in the GEP	) - may be satisfied
	3.00 GPA for Teacher Ed. courses			120 earned semester credit hours	
	Minimum grade of 'C' for Teacher Ed. courses a	and GEP courses	2.00 overall, cumulative GPA		
	Willimidit grade of G for reacher Ed. courses a	ind OEI Courses		60 semester credit hours at the 2000 level or a	hovo
				oo semester creat hours at the 2000 lever of a	bove
			SPECIA	L MINIMUM REQUIREMENTS FOR TRANSFE	R STUDENTS
				30 semester credit hours completed at SSU, of upper division courses (3000-4000 level)	which 21 must be
				12 semester credit hours in the Natural Science at the 3000-4000 level, of which 8 must be in G	'
				2 3000 1000 1010, of Whith o must be in	9)

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FIRST YEAR EXPERIENCE	(1 hour min.) - SELECT ONE COURSE
FYE is waived for students entering S	SSU with 30 or more earned credit hours

UNIV 1100	FYE: University Foundations	1
HONR 1101	Intro. to Honors	2

	GEP - <b>ENGLISH COMPOSITION</b> (6 hours min.)	
ENGL 1101	Discourse & Comp (A)	3
ENGL 1102	Discourse & Comp (B)	3
ENGL 1103	Comp for ESL Students 1	3
ENGL 1105	Comp & Argumentation	3

GEP - FINE & PERFORMING ARTS (3 hours min.) - SELECT ONE COURSE			
ARTH 1101	Introduction to Art	3	
ENGL 2275	American Film History	3	
MUSI 1201	Music Appreciation	3	
MUSI 2211	Music History 1	3	
THAR 1000	Introduction to Theater	3	

GEP - <b>GL</b>	GEP - GLOBAL PERSPECTIVES (3 hours min.) - SELECT ONE COURSE		
ARTH 3456	20th Century Art	3	
ENGL 3334	Comparative Queer Theory & Lit. (WI)	3	
ENGL 3348	Comparative Feminist Lit. & Theory (WI)	3	
GEOG 1125	World Geography	3	
GEOG 2201	Cultural Geography	3	
HIST 2440	World History II	3	
HIST 2540	Intro. to Middle East: History, Peoples & Culture	3	
HIST 3432	Gandhi and Modern India (WI)	3	
HIST 3500	History of Southern Africa (WI)	3	
HIST 3550	Islam: Religion, Politics, and Society	3	
HUMA 2227	Infl. Works in Global Transnational Cultures (WI)	3	
POLS 1210	Introduction to Comparative Politics	3	
POLS 1410	Introduction to International Relations	3	
POLS 3410	International Political Economy (WI)	3	
<b>RELI 3300</b>	Judaism, Christianity, & Islam	3	
SOSC 3250	Asia: The Land and its Peoples (WI)	3	

GEP - HISTORICAL PERSPECTIVES (3 hours min.) - SELECT ONE COURSE			
ARTH 3366	Non-Western Arts Survey	3	
ENGL 2205	Intro to Women's Studies	3	
HIST 2102	Medieval and Renaissance Europe	3	
HIST 2103	Revolutionary Europe (AD 1517-AD 1921)	3	
HIST 2223	Ancient History of the Near East	3	
HIST 2430	World History I	3	
HIST 3140	Europe & Rise of Modern World System	3	
HIST 3300	Christianity in Early America (WI)	3	
HIST 3355	Ohio River Valley History (WI)	3	
HIST 3410	East Asian History	3	
HIST 3430	Ancient Indian Culture/Society	3	
HIST 3510	History of Islam: 7th thru 15th Century (WI)	3	
HIST 3520	History of Crusades: Crescent & Cross (WI)	3	
HUMA 2225	Found. Texts in Western Cultural Hist. (WI)	3	
PHIL 2200	Intro to Philosophy	3	
PHIL 2284	Asian Philosophy (WI)	3	
<b>RELI 2230</b>	History of Christian Thought	3	

## GEP - NATURAL SCIENCES (7 hours min.)

The Natural Sciences requirement of the GEP will be satisfied by the core requirements of this degree.

## GEP - QUANTITATIVE REASONING (3 hours min.)

The Quantitative Reasoning requirement of the GEP will be satisfied by the math requirements of this degree.

## GEP - ORAL COMMUNICATION (3 hours min.)

The Oral Communication requirement of the GEP will be satisfied by the EDUC 1115 requirement of this degree.

#### GEP - HUMAN BEHAVIOR (3 hours min.)

The Human Behavior requirement of the GEP will be satisfied by the PSYC 1101 requirement of this degree.

## GEP - ENGAGED CITIZENRY (3 hours min.)

The Engaged Citizenry requirement of the GEP will be satisfied by the EDUC 2245 requirement of this degree.

GEP - LITERATURE (3 hours min.) - SELECT ONE COURSE		
ENGL 2200	Introduction to Literature (WI)	3
ENGL 2211	Survey of English Literature 1 (WI)	3
ENGL 2212	Survey of English Literature 2 (WI)	3
ENGL 2247	World Literature (WI)	3
ENGL 2251	Survey of American Literature 1 (WI)	3
ENGL 2252	Survey of American Literature 2 (WI)	3

## GEP - ETHICAL INSIGHT & REASONING (3 hours min.)

PHIL 2320 Ethics in Public & Private Life (WI)

#### Capstone (3 hours)

The required Capstone will be satisfied by the EDAE 4385 & 4386 requirement of this degree.