

Student name _____

ID # _____

BIOLOGY CURRICULUM

Biology Core Requirements (14 hours)

BIOL 1151	General Biology 1	4 _____
BIOL 1152	General Biology 2	4 _____
BIOL 3770	Genetics	3 _____
BIOL 4770	Cell Biology	3 _____

Biomedical Science Track Requirements (19 hours)

BIOL 3560	Principles of Anatomy	OR	4 _____
	BIOL 3359	Comparative Vertebrate Anatomy	4 _____
BIOL 3561	Principles of Physiology	OR	4 _____
	BIOL 3360	Animal Physiology	4 _____
BIOL 3750	Microbiology		4 _____
BIOL 4771	Biotechnology		4 _____
CHEM 4411	Biochemistry		3 _____

Anatomy/Physiology elective (7-8 hours) - SELECT TWO COURSES

BIOL 3640	Histology	4 _____
BIOL 3650	Pathophysiology	3 _____
BIOL 3660	Neuroanatomy	4 _____
BIOL 4660	Advanced Human Anatomy	4 _____

Microbiology elective (7-8 hours) - SELECT TWO COURSES

BIOL 4680	Parasitology	4 _____
BIOL 4760	Diagnostic Microbiology	4 _____
BIOL 4765	Virology	3 _____
BIOL 4780	Immunology	4 _____

Required Math and Support Science (30-31 hours)

CHEM 1141	General Chemistry 1	4	_____		
CHEM 1142	General Chemistry 2	4	_____		
CHEM 3305	Organic Chemistry 1	4	_____		
CHEM 3306	Organic Chemistry 2	4	_____		
PHYS 2201	Physics 1: Mechanics & Energy	OR	4	_____	
	PHYS 2211	Calculus-based Physics 1	4	_____	
PHYS 2202	Physics 2: Energy, Electricity & Magnetism	OR	4	_____	
	PHYS 2212	Calculus-based Physics 2	4	_____	
MATH 1250	Trigonometry	OR	3	_____	
	MATH 2110	Calculus 1	4	_____	
BIOL 2200	Applied Biostatistics	OR	3	_____	
	STAT 1150	Principles of Statistics	OR	3	_____
	STAT 2500	Statistics 1	3	_____	

Capstone (3 hours)

IDST 4490 Senior Seminar 3 _____

GENERAL ELECTIVES

Additional coursework in any area. A minimum of 120 total earned credit hours (GEP/FYE + Biology Curriculum + Math & Support Science + Capstone + electives) is required for graduation.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ADDITIONAL MINIMUM GRADUATION REQUIREMENTS

- _____ **TWO** courses flagged as Writing Intensive (**WI**) - may be satisfied by courses already counted in the GEP
- _____ Grade of 'C-' or better in all BIOL, CHEM, and PHYS courses
- _____ 120 earned semester credit hours
- _____ 2.00 overall, cumulative GPA
- _____ 60 semester credit hours at the 2000 level or above

SPECIAL MINIMUM REQUIREMENTS FOR TRANSFER STUDENTS

- _____ 30 semester credit hours completed at SSU, of which 21 must be upper division courses (3000-4000 level)
- _____ 12 semester credit hours in the Natural Sciences completed at SSU at the 3000-4000 level, of which 8 must be in Biology

FIRST YEAR EXPERIENCE (1 hour min.) - SELECT ONE COURSE

FYE is waived for students entering SSU with 30 or more earned credit hours

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

GEP - ENGLISH COMPOSITION (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 - 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	_____
RELI 3300	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	_____
RELI 2230	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.) - SELECT ONE COURSE

ARTH 2212	Art History Survey 2	3	_____
BUMG 2900	Prof. Comm./Dev. Skills (WI)	3	_____
COMM 1103	Public Speaking/Human Comm.	3	_____
COMM 3335	Interpersonal Comm.	3	_____
EDUC 1115	Intro to the Teaching Profession (WI)	3	_____
FREN 1111	Elementary French 1	5	_____
FREN 1112	Elementary French 2	3	_____
GRMN 1111	Elementary German 1	5	_____
GRMN 1112	Elementary German 2	3	_____
POLS 4420	Int'l Relations: Model UN & Arab League	3	_____
SPAN 1111	Elementary Spanish 1	5	_____
SPAN 1112	Elementary Spanish 2	3	_____
THAR 2212	Acting 2	3	_____

GEP - HUMAN BEHAVIOR (3 hours min.) - SELECT ONE COURSE

ANTH 2250	Principles of Cultural Anthropology	3	_____
ANTH 2350	Biological Anthropology	3	_____
ANTH 2530	World Prehistory and Archaeology	3	_____
ECON 2201	Principles of Microeconomics	3	_____
ECON 2202	Principles of Macroeconomics	3	_____
POLS 1010	Introduction to Political Science	3	_____
PSYC 1101	Introduction to Psychology	3	_____
SOCI 1101	Introduction to Sociology	3	_____
SOSC 1110	Foundations of Social Science	3	_____

GEP - ENGAGED CITIZENRY (3 hours min.) - SELECT ONE COURSE

ARTH 3454	History of American Art	3	_____
ECON 1103	Foundations of Political Economy	3	_____
EDUC 2245	Understanding Cultural Diversity (WI)	3	_____
HIST 1330	American History to 1865	3	_____
HIST 1340	American History since 1865	3	_____
HUMA 2226	Studies in Amer. Cultural Hist. & Lit. (WI)	3	_____
PHIL 3360	Social & Political Philosophy	3	_____
POLS 1110	National Government	3	_____
POLS 1310	Intro to Political Theory	3	_____
SOSC 2210	Intro to Asian American Studies (WI)	3	_____

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)	3	_____
-----------	--------------------------------------	---	-------