

**2004-2006**

**LANR/AGRE**

Name of Student \_\_\_\_\_

GID # \_\_\_\_\_

Catalog \_\_\_\_\_

Curriculum/Option \_\_\_\_\_

**Total semester credits must equal a minimum of 120 credits**

**Total upper division must equal a minimum of 42 credits**

**DEPARTMENTAL REQUIREMENTS**

Dept/#	Subject	Sem	Yr	Cr
LRES 110	Land Resources & Environ Sci	F		3
BIOL 101IN	Organismal Biology	F,S		4
BIOL 102	Molecular & Cellular Biol	F,S		4
CHEM 131	General Chemistry I	F,S,Su		4
CHEM 132	General Chemistry II	F,S,Su		4
Choose 1:	MATH 170Q Survey of Calc	F,S,Su		4
	MATH 175Q Calc Tech I	F,S		3
	MATH 181Q Calc Anal Geom I	F,S,Su		4
<i>Students who anticipate graduate study or technical employment are strongly advised to complete a two-semester calculus sequence. (175-176 or 181-182)</i>				
ENGL 121W	College Writing I	F,S,Su		3
<i>ENGL 121W is waived with an ACT English score of 27 or higher, or SAT Verbal score of 640 or higher.</i>				
ECON 101IS	Econ Way of Think	F,S,Su		3
Choose 1:	ENGL 221 College Writing II	F,S		3
	ENGL 223 Technical Writing	F,S		3
CHEM 215	Elements Organic Chemistry	F,S		5
PHYS 205	College Physics I	F,S,Su		4
LRES 201	Soil Resource	F		3
Choose 1:	PS 318 Biometry	F		3
	STAT 216Q Elem Statistics	F,S,Su		3
Choose 1:	ARNR 240 Natrl Res Ecology	F		3
	BIOL 303 Prin of Ecology	S		3
BCHM 340	General Biochemistry	F,S,Su		5
BIOL 301	Principles of Genetics	F,S		3
MB 301	General Microbiology	F,S		5
LRES 310	Professional Preparation	S		1
LRES 351	Nutrient Cycling	S		3
Choose 1:	ARNR 101 Nat Res Conserv	F		3
	PS 342 Forages	F		3
ENTO 401	Integrated Pest Mgmt	S'ev		3
LRES 443	Weed Ecology & Mgmt	F		3
PS 421	Concepts Plant Pathology	S		3
Choose 3:	GEOG 305 Intro Geo Info Sys	F,S		3
	GEOG 411 Adv GIS Geo Anal	S'ev		3
	LRES 325IN Remote Sensing	F		3
	LRES 357 GPS Fund App Map	F,S		3
	LRES 425 Dig Imag Rem Sens	S		3
Choose 2:	BREN 330 Water Res Law	S'ev		2
	ECON 332 Econ Nat Resources	F		3
	LRES 421 Holistic ThotMgmt	S		4
	POLS 350 Natrl Res Policy	S'ev		3
Choose 3:	BIOL 403 Evolution	S		3
	BIOL 430 Plant Physiology	S		3
	BIOL 432 Plant Anatomy	F'od		3
	BIOL 436 Plant Systematics	F'ev		3
	LRES 415 MicroDiv Ecol Evo	S'ev		3
	LRES 452 Soil & Env Microbiol	S'od		3
LRES 428	Crop Systems Sust Ag	S'od		3
LRES 440	Field Applications in LRES	F		4

**SUBSTITUTIONS FOR REQUIRED COURSES**

Dept/#	Subject	Cr	for	Dept/#	Cr

**CORE 2.0 REQUIREMENTS**

**ALL CORE 2.0 REQUIREMENTS MUST BE A GRADE OF C- OR BETTER**

See Page 55 of the 04-06 MSU Catalog for permitted substitutions for CS and IN requirements. *Note that some of the required courses for this major will count toward completion of the CORE requirements.*

**Dept/# Subject Sem Yr Cr**  
**Seminar (US) ( 1 course)**

**Quantitative Reasoning (Q) (1 Course)**

**Writing (W) (1 Course)**

**Inquiry-Arts (IA) 1 Course**

**Inquiry-Humanities (IH) (1 Course)**

**Inquiry-Social Sciences (IS) (1 Course)**

**Inquiry-Natural Science (IN) (1 Course)**

**Diversity (D) (1 Course)**

**Research & Creative Experience (R) (3 Credits)**

**Contemporary Issues in Science (CS) (1 Course)**

Total Credits \_\_\_\_\_ Upper Division \_\_\_\_\_

**Student Signature \_\_\_\_\_ Date \_\_\_\_\_**

**Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_**

**Dept. Certifying Officer Signature \_\_\_\_\_ Date \_\_\_\_\_**

9/26/05

*An independent research project or internship is strongly recommended for LRES majors: LRES 470 (Ind Problems) LRES 476 (Internship) LRES 489/490 (Undergrad Research/Research Instruction)*