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Ideas for Basic Science Elective: Choose One

BIOB 160 (F,S) Princ Liv Sys (4) Prereq.: CHMY 141
 ENSC 245 (F) Soils (3)
 EARTH 101 (F, S) Earth System Science(4)
 GPHY 284 (F, S) Intro to GIS Science and Cartography (3)
 BIOM 103IN (F, S) Unseen Universe Microbes (3)

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BPPPA: Choose One

ECNS 101IS (F, S) Economic Way of Thinking
 BGEN 242D (F, S) Intro. to International Business
 PSCI 210IS (F, S, Su) Introduction to American Government
 PSCI 214IS (F) Principles of Political Science
 PSCI 230D (F) Introduction to International Relations

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Seminar: US 101 , CLS 101, COM 110, HONR 201
 2nd Writing: BMGT 205, WRIT 201, WRIT 221 , HONR 202
 Statistics: EGEN 350-2, STAT 332-3

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Program Completed: Sign and Date
 Advisor _____
 Department _____

Engineering Science Elective: Choose One

EMAT 251 (F, S) Matr Struct & Prop (3) PreReq CHMY 141
 CoReq M 171
 EELE 250 (F, S) Circuits (4) PreReq M 172
 EMEC 320 (F, S) Thermodynamics I (3) PreReq M 273
 EGEN 324 (F, S) Applied Thermodynamics (3) PreReq M 273

Student _____ ID _____

Prerequisite —————>

Corequisite - - - - -> F (Fall Only)

Transfer From: _____ Evaluator Sig. & Date: _____

PROFESSIONAL ELECTIVE COURSES - CIVIL ENGINEERING

Course	Semester Title	Credits	Design Intensive Course					
			FI4	SI5	SH	FI5	SI6	
ECIV	307	3	X	X		X	X	
ECIV	309	2	X			X	X	
ECIV	404	3	X	X		X	X	
ECIV	405	3	X			X	X	
ECIV	414	3				X	X	
ECIV	415	3			*		X	
ECIV	416	3			*	X		
ECIV	484	3	X		*			
ECIV	420	3		X	*	X		
ECIV	425	3	X		*		X	
ECIV	431	3	X		*	X		
ECIV	435	3		X	*		X	
ECIV	451	3			*		X	
ECIV	452	3			*	X		
ECIV	454	3		X	*			
ECIV	456	3	X		*	X		
ECIV	490	1-4	X	X		X	X	
ECIV	492	1-3	X	X		X	X	
ECIV	498	2	X	X		X	X	
BENV	432	3		X	*	X	X	
BENV	434	3			*	X	X	
BENV	440	3	X					
BENV	441	3	X		*	X		
BENV	443	3	X		*			
BENV	445	3		X	*	X		
BENV	447	3		X	*		X	
EGEN	415	3	X			X		
EGEN	435	3		X			X	
SRVY	355	3						
SRVY	361	3	X					
SRVY	362	3				X		
SRVY	375	2				X		
SRVY	474	3			*		X	

Note: Other 300- & 400-level courses may be approved as analytical electives with the consent of the adviser and the department head.

Rules

- Two design intensive courses (indicated w/ an *) are required.
- A maximum of 3 credit-hours may be included from a completed MSU minor, a prior or concurrent BS/BA degree in another major, or courses in a completed MSU Honors Program.
- No more than 2 credit-hours of ECIV 498 (Career Internship).
- Student may petition to include other senior or graduate level courses consistent with the degree program but not listed here (requires Academic Advisor and Department Head approval).

2.0 CORE REQUIREMENTS - UNIVERSITY & COLLEGE OF ENGINEERING/CE

University CORE requirements include Humanities Inquiry-IH (3 credits), Social Sciences Inquiry-IS (3 credits), Arts Inquiry-IA (3 credits), and Diversity-D (3 credits). University 2.0 Core requirements for Contemporary Issues in Science (CS) and Natural Sciences (IN) and department requirements are met by completing CHMY 141 and PHSX 220. Civil Engineering majors are required to take one course, and strongly recommended to take two courses, from a list of Business, Public Policy, and Public Administration (BPPA) Univ. Core Electives (see front of check sheet for list). The complete 2.0 Core listing can be found in the 2014-15 MSU Bulletin.