

Student				FOREST ECOSYSTEM MANAGEMENT – W MGT OPTION <i>Effective Fall 2013 120 Credits Required</i> The Pennsylvania State University College of Agricultural Sciences Department of Ecosystem Science and Management				Adviser			
Student Number								Gen. Ed. Year		Program Year	
E-mail Address								Date			
REQUIREMENTS FOR THE MAJOR								REQUIREMENTS FOR GENERAL EDUCATION			
SEM	COURSE	CR	GRADE	SEM	COURSE	CR	GRADE	SEM	COURSE	CR	GRADE
PRESCRIBED COURSES FOR THE MAJOR (29 CR.)				PRESCRIBED COURSES FOR THE OPTION (7 CR.)				COMMUNICATION (9 CR. GQ)			
					FOR 450W *	3					
	CHEM 110 GN	3			FOR 470 *	3			ENGL 015 * or 030 *	3	
	CHEM 111 GN	1			FOR 471 *	1			CAS 100A *, B *, or C *	3	
	ECON 102 GS	3		ADDITIONAL COURSES FOR THE OPTION (9 - 11 CR.)				<i>and ENGL 202C or 202D (3)</i>			
	FOR 200 *	1			FOR 475 (3) *, or FOR 409 (2) * AND SOILS 102 (1)	3		QUANTIFICATION (6 CR. GQ)			
	FOR 203 *	3			MATH 110 GQ * or 140 GQ *	4		MATH GQ and STAT GQ			
	FOR 255 *	3			MATH 111 GQ or MATH 141GQ	2-4		NATURAL SCIENCES (9 CR. GN)			
	FOR 266 *	4		SUPPORTING COURSES FOR THE OPTION (39 - 41 CR.)				<i>CHEM GN, SOILS GN, AND PHYS GN</i>			
	FOR 308 *	3		Choose 6 credits of GS social sciences from EBF 200, ECON 302, E GEE 211, ENVST 100, GEOG 020, GEOG 030, GEOG 130, GEOG 160, PL SC 001, PL SC 135				ARTS (6 CR. ♦GA)			
	FOR 400 *	2						ARTS (6 CR. ♦GA)			
	FOR 421 *	3				3		HUMANITIES (6 CR. ♦GH)			
	SOILS 101 GN	3				3		SOCIAL AND BEHAVIORAL SCIENCES (6 CR. ♦GS)			
ADDITIONAL COURSES FOR THE MAJOR (6 - 7 CR.)				Choose 6 credits of physical sciences from EARTH 100, EARTH 103, EARTH 111, GEOG 010, GEOG 110, GEOSC 001, GEOSC 010, GEOSC 040, METEO 003, METEO 122, MICRB 106, MICRB 201				<i>ECON 102 AND OTHER REQUIRED GS CREDITS</i>			
						3		UNITED STATES CULTURES (3 CR. US) ▲			
	ENGL 202C or ENGL 202D GWS	3				3		INTERNATIONAL CULTURES (3 CR. IL) ▲			
	STAT 200 *, 240 *, or 250 GQ *	3-4		Choose 6 - 8 GN credits from PHYS 001(3), PHYS 150(3), PHYS 151(3), PHYS 211(4), PHYS 213(2), PHYS 250(4), PHYS 251(4)				FIRST-YEAR SEMINAR (1-3 CR.) ▲			
						3-4		HEALTH AND PHYSICAL EDUCATION (3 CR. GHA)			
ELECTIVES (4 - 9 CR.)				Choose 3 credits of geospatial analysis from FOR 455, GEOG 362, GEOG 363, GEOG 364, and SOILS 450							
						3-4					
						3					
				Choose 6 credits of resources management from A S M 327, CED 201, CED 427W, CED 429, CED 431W, CED 450, E R M 411, E R M 412, E R M 413W, FOR 410, FOR 440, GEOG 411W, GEOG 430, GEOG 431, SOILS 422							
						3					
						3					
				Choose 9 credits of water sciences from A S M 309; C E 360, 370, 371, E R M 435, 447, 450; ENVE 411, 415; ENVSE 408; GEOG 310W, 311, GEOG 412W; GEOSC 412, 413, 440, 452; METEO 451, 454; SOILS 405; W F S 422. Three credits must be at the 400 level.							
						3					
						3					
						3					
				Choose 3 additional credits at the 300- or 400-level from the lists above							
						3					
LEGEND											
* COURSES REQUIRING AT LEAST A C GRADE.											
▲ CAN DOUBLE COUNT WITH ANOTHER GEN ED COURSE OR ELECTIVE											
♦GA/GH/GS CREDITS REQUIREMENTS CAN BE ADJUSTED TO ANY 3/6/9 ARRANGEMENT OF CREDITS (EX. 6 GA, 3 GH, 9 GS)											
A MINIMUM CUMULATIVE GPA OF 2.00 IS REQUIRED FOR GRADUATION.											
JULY 2013											