

Student				<b>FOREST ECOSYSTEM MANAGEMENT – F BIO OPTION</b> <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			
<b>REQUIREMENTS FOR THE MAJOR</b>								<b>REQUIREMENTS FOR GENERAL EDUCATION</b>			
SEM	COURSE	CR	GRADE	SEM	COURSE	CR	GRADE	SEM	COURSE	CR	GRADE
<b>PRESCRIBED COURSES FOR THE MAJOR (29 CR.)</b>				<b>PRESCRIBED COURSES FOR THE OPTION (34 CR.)</b>				<b>COMMUNICATION (9 CR. GWS)</b>			
	CHEM 110 GN	3			BIOL 110 GN	4			ENGL 015 * or 030 *	3	
	CHEM 111 GN	1			BIOL 220W GN	4			CAS 100A *, B *, or C *	3	
	ECON 102 GS	3			CHEM 202	3		and ENGL 202C or 202D (3)			
	FOR 200 *	1			FOR 204 *	2		<b>QUANTIFICATION (6 CR. GQ)</b>			
	FOR 203 *	3			FOR 350 *	3		MATH GQ and STAT GQ			
	FOR 255 *	3			FOR 409 *	2		<b>NATURAL SCIENCES (9 CR. GN)</b>			
	FOR 266 *	4			FOR 410 *	3		BIOL GN, CHEM GN, and SOILS GN			
	FOR 308 *	3			FOR/W F S 430 *	3		<b>ARTS (6 CR. ♦GA)</b>			
	FOR 400 *	2			FOR 450W *	3				3	
	FOR 421 *	3			HORT 445	3				3	
	SOILS 101 GN	3			SOILS 102 GN	1		<b>HUMANITIES (6 CR. ♦GH)</b>			
					W F S 209	3				3	
<b>ADDITIONAL COURSES FOR THE MAJOR (6 - 7 CR.)</b>				<b>ADDITIONAL COURSES FOR THE OPTION (8 - 9 CR.)</b>				<b>SOCIAL AND BEHAVIORAL SCIENCES (6 CR. ♦GS)</b>			
	ENGL 202C or ENGL 202D GWS	3			MATH 110 GQ * or MATH 140 GQ *	4				3	
	STAT 200 *, 240 *, or 250 GQ *	3-4			Forest Health Theme: Select 4 - 5 credits from ENT 313 (2), FOR 403 (3), and PPEM 318 (2)	4-5		and ECON 102 GS			
<b>ELECTIVES (2 - 4 CR.)</b>				<b>SUPPORTING COURSES FOR THE OPTION (15 CR.)</b> Select from department list in consultation with adviser				<b>UNITED STATES CULTURES (3 CR. US) ▲</b>			
<b>LEGEND</b> * 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.								<b>INTERNATIONAL CULTURES (3 CR. IL) ▲</b>			
								<b>FIRST-YEAR SEMINAR (1-3 CR.) ▲</b>			
								<b>HEALTH AND PHYSICAL EDUCATION (3 CR. GHA)</b>			