

## List of ESF Classes with Course-Based Fees

Course Number	Course Title	Current Fee Amount	Date Approved by System Admin (Current Amount)	Initial Implementation Date	Waiver Rules
BPE132	INTRO TO PROCESS ENGINEERING I	\$40.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE133	INTRO TO PROCESS ENGRNG II	\$40.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
BPE300	INTRO/INDUSTRIAL BIOPROCESSING	\$30.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE310	COLLOID AND INTERFACE SCIENCE	\$30.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE336	TRANSPORT PHENOMENA LAB	\$40.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE420	BIOSEPARATIONS ENGINEERING	\$25.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE430	PROCESS OPERATIONS LABORATORY	\$40.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
BPE435	UNIT PROCESS OPERATIONS	\$35.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE440	BIOPROC KINETICS&SYS ENGR LAB	\$100.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE481	BIOPROCESS ENG DESIGN	\$20.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE500	INTRODUCTION TO BIOPROCESSING	\$30.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE540	SYSTEMS ENGINEERING LABORATORY	\$100.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE620	BIOSEPARATIONS	\$25.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE635	UNIT PROCESS OPERATIONS	\$35.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BPE681	BIOPROCESS PLANT DESIGN	\$20.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
BTC401	MOLECULAR BIOL TECHNIQUES	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
BTC426	PLANT TISSUE CULTURE METHODS	\$45.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
CME304	ENVRN PERFORM MEASURES/BLDGS	\$15.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
CME306	ENGR MATERIALS/SUSTAINBLE CONS	\$50.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
CME342	LIGHT CONSTRUCTION	\$40.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped

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CME387	RENEWABLE MAT / SUSTAINABLE CONS	\$15.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
CME404	APPLIED STRUCTURES	\$15.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
CME422	COMPOSITE MAT / SUSTAINABLE CONS	\$20.00	11/23/2012	FALL 2013	Cannot Waive, even if class is later dropped
CME488	PROF CONS PROJECT MGT PRES SEM	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
CME585	LIGHT MICROSCOPY/RESEARCH APPLICATIONS	\$100.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
CME685	TRANS ELECTRON MICROSCOPY	\$150.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
CME785	SCANNING ELECTRON MICROSCOPY	\$150.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB102	GENERAL BIOLOGY I LABORATORY	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB104	GENERAL BIOLOGY II LABORATORY	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB210	DIVERSITY OF LIFE I	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB211	DIVERSITY OF LIFE II	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB303	INTRO ENVRN MICROBIOLOGY	\$30.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB308	PRIN OF GENETICS LAB	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB326	DIVERSITY OF PLANTS	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB355	INVERTEBRATE ZOOLOGY	\$30.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB385	COMPARATIVE VERT ANATOMY	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB423	MARINE ECOLOGY	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB427	PLANT ANATOMY & DEVELOPMENT	\$20.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB435	FLOWERING PLNTS:DIV,EVOL&SYSTM	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
EFB437	PLANT PROPAGATION	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped

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EFB488	FISHERIES SCIENCE PRACTICUM	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
EFB525	LIMNOLOGY PRACTICUM	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB554	AQUATIC ENTOMOLOGY	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
EFB601	MOLECULAR BIOL TECHNIQUES	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
EFB626	PLANT TISSUE CULTURE METHODS	\$45.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
EFB635	FLOWERING PLNTS:DIV,EVOL&SYSTM	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
EFB637	PLANT PROPAGATION	\$20.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
ERE440	WATER AND WASTEWATER TREATMENT	\$15.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
ERE545	ENVIRONMENTAL SOIL PHYSICS	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
ERE569	ENVIRONMENTAL SOIL PHYSICS	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
ERE643	WATER AND WASTEWATER TREATMENT	\$15.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH111	SURVEY/CHEMICAL PRINCIPLES LAB	\$40.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
FCH150	GENERAL CHEMISTRY I	\$5.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH151	GENERAL CHEMISTRY I LAB	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH152	GENERAL CHEMISTRY II	\$5.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH153	GENERAL CHEMISTRY II LAB	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH210	ELEMENTS OF ORGANIC CHEM	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH222	ORGANIC CHEMISTRY LAB 1	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH224	ORGANIC CHEMISTRY LAB II	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH325	ORGANIC CHEMISTRY III	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped

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FCH380	ANALYTICAL CHEMISTRY I	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH381	ANALYTICAL CHEMISTRY II	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH410	INORGANIC CHEMISTRY	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH515	METH/ENVRN CHEM ANALYSIS	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH531	BIOCHEMISTRY LAB	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FCH551	POLYMER TECHNIQUES	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
FOR626	PLANT TISSUE CULTURE METHODS	\$45.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA226	FOUNDATION DESIGN STUDIO I	\$45.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA227	FOUNDATION DESIGN STUDIO II	\$200.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA326	LAND ARCH DSGN STUDIO I	\$150.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA327	LAND ARCH DSGN STUDIO II	\$150.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA333	PLANT MATERIALS	\$30.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA422	LAND ARCH DSGN STUDIO III	\$150.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA423	LAND ARCH DSGN STUDIO IV	\$150.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA433	PLANTING DESIGN&PRACTICE	\$40.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA455	PROF PRAC/LNDSCPE ARCH	\$25.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
LSA461	OFF-CAMP FINAL PRESENT SEM	\$40.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA470	THEMATIC LAND DSGN STUDIO	\$150.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA552	GRAPHIC COMMUNICATION	\$25.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
LSA600	DESIGN STUDIO I	\$145.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped

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LSA601	DESIGN STUDIO II	\$145.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA620	DESIGN STUDIO III	\$145.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA633	PLANTING DESIGN&PRACTICE	\$40.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
LSA655	PROF PRAC/LNDSCEPE ARCH	\$25.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
LSA670	THEMATIC LAND DSGN STUDIO	\$150.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
LSA700	DESIGN STUDIO V	\$145.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
MCR484	SCANNING ELECTRON MICROSCOPY	\$100.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
MCR485	TRANS ELECTRON MICROSCOPY	\$100.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
MCR585	LIGHT MICROSCOPY/RESEARCH APPLICATIONS	\$100.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
MCR683	OPERATION/TRANS ELECTRON MICRO	\$100.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
MCR685	TRANS ELECTRON MICROSCOPY	\$150.00	7/2/2015	SPRING 2013	Cannot Waive, even if class is later dropped
MCR783	OPERATION/SCAN ELECTRON MICRO	\$100.00	7/2/2015	FALL 2015	Cannot Waive, even if class is later dropped
MCR785	SCANNING ELECTRON MICROSCOPY	\$150.00	7/2/2015	SPRING 2013	Cannot Waive, even if class is later dropped
PSE132	INTRO TO PROCESS ENGINEERING I	\$40.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE133	INTRO TO PROCESS ENGNRNG II	\$40.00	7/2/2015	SPRING 2016	Cannot Waive, even if class is later dropped
PSE200	INTRO TO PAPERMAKING	\$45.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE201	ART &EARLY HISTORY/PAPERMAKING	\$35.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE202	PULP&PAPER LAB SKILLS	\$30.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE210	INTRODUCTION TO LIGNOCELLULOCICS	\$25.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE223	INTRO TO LIGNOCELLULOSICS	\$35.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped

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PSE350	FIBER PROCESSING	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE351	PULP BLEACH LABORATORY SKILLS	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE437	EQUIP TROUBLE SHOOTING & MAINTENANCE	\$60.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE450	PULPING & BLEACHING PROCESSES	\$40.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE465	FIBER & PAPER PROPERTIES	\$50.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE467	PAPERMAKING WETEND CHEM	\$30.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE468	PAPERMAKING PROCESSES	\$85.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE477	PROCESS CONTROL	\$6.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE480	ENGR DESIGN ECONOMICS	\$15.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE492	RESEARCH PRACTICE	\$55.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE550	FIBER PROCESSING	\$40.00	11/23/2012	SPRING 2013	Cannot Waive, even if class is later dropped
PSE552	FIBER MATERIALS RECYCLING PROCESSES	\$70.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE637	EQUIP TROUBLESHOOTING&MAINTENC	\$60.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE650	PULPING & BLEACHING PROCESSES	\$40.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE668	PAPERMAKING PROCESSES	\$85.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE680	ENGR DESIGN ECONOMICS	\$15.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped
PSE792	RESEARCH PRACTICE	\$55.00	7/11/2013	FALL 2013	Cannot Waive, even if class is later dropped