Projected Course Offerings Spring 2018-Summer 2019

			Spr	ing 2	018	_ 5	Sum	l 201	8	Sun	n II 2	018	Fa	all 20	18	Spr	ing 2	019	_ 5	Sum	201	9	Sur	n II 2	019
10TD	4.40.4		В	E	On	В	E	On	Ot	В	E	On	В	E	On	В	E	On	В	E	On	Ot	В	E	On
ASTR	1401	Intro to Astronomy I	X	X	X	Х	Х	X					X	X	X	X	X	X	Х	Х	х				
ASTR	1402	Intro to Astronomy II	Х	х	х					Х	х	х	X	х	X	х	х	х					х	Х	х
ASTR	2101	Astronomy Night Lab	_											X											
ASTR	2301	Solar System Astronomy	_											x											
ASTR	2202			X													X								
ASTR	3302	Intro Astrophysics												X											
ASIK	1222	Human Nutritian		X													X								
BIOL	1322		V	X		V	v				V		V	V		V	×		V	V				V	
BIOL	1400	Gen Bio I	X	X		~				V	×		×	×		×	×		~	×			V	X	
BIOL	1407		~	~			~			~	~		~			~	~			~			~	~	
BIOL	1407		-	v										^			v								
BIOL	2310	Marino Ecosystem Dynamics	-	^									v				^								
BIOL	2/01	Apstomy & Physiology I	v	v		v	v				v		Ŷ	v		v	v		v	v				v	
BIOL	2402	Anatomy & Physiology I	X	X		~	×			Y	Ŷ		Ŷ	X		Ŷ	Ŷ		~	X			Y	X	
BIOL	2402	Comparative Vertebrate Anatomy	~	~			^			~	^		^	X		^	^			^			~	~	
BIOL	3301	Biological Evolution		X	X						x			X	x		x	x						X	
BIOL	3303	Genetics	Y	X	~						~		Y	X	~	Y	Y	~						~	
BIOL	3300	Ecology	~	X	Y								Ŷ	X		Ŷ	Ŷ								
BIOL	3310	Neurobiology		~	~								^	X		~	~								
BIOL	3311	Mammalian Physiology	Y	Y									Y	X		Y	Y								
BIOL	3312	Cell Biology	X	X									X	X		x	x								
BIOL	3330	Functions and Modeling	~	~							X		~	~		~	~							X	
BIOL	3345	Animal Nutrition	X	X							~					X	X							~	
BIOL	3401	Gen Microbiology	X	X		X	x						x	x		X	X		x	X					
BIOL	3403	Med Microbio & Immunology	~	X		~	~						~	~		~	X		~	~					
BIOL	3404	Conservation Biology	-	X										x			X								
BIOL	3405	Histology		~										X			~								
BIOL	3406	Developmental Mechanisms		x										~			x				_	_			
BIOL	3407	Comparative Embryology		X										x			X								
BIOL	3408	Plant Morphology		~									x	X			~								
BIOL	3409	Ecology	x	x									X	X		x	x								
BIOL	3411	Mammalian Physiology	X	X									X	~		X	X								
BIOL	3412	Cell Biology	X	X									X	x		X	X								
BIOL	3413	Genetics	X	X		Х							X	X		X	X		х	_	_	_			
BIOL	3414	Invertebrate Zoology		X									X				X				_	_			
BIOL	3415	Molecular Biology	Х										X	Х		Х									
BIOL	3416	Coral Reef Ecology				Х															_	_			
BIOL	3430	Marine Biology Field Methods																	Х						
BIOL	4201	Biology Problems I		Х			Х				Х			Х			Х			Х				Х	
BIOL	4202	Biology Problems II		Х			Х				Х			Х			Х			Х				Х	
BIOL	4301	Evolution											Х												
BIOL	4313	Endocrinology												Х											
BIOL	4315	Inquiry-Based Sci & Lab Tech									Х													Х	
BIOL	4316	Environmental Toxicology		Х													Х								
BIOL	4317	Disease Epidemiology											Х	Х											
BIOL	4318	Ethnobotany												Х											
BIOL	4319	Medical Entomology		Х													Х								
BIOL	4330	Molecular Evolution												Х											
BIOL	4361	Neuroscience I											Х												
BIOL	4362	Neuroscience II	Х													Х									
BIOL	4370	Special Topics II	Х										Х			Х									
BIOL	4388	Global Change Ecology		Х										Х			Х								
BIOL	4390	Biology Internship	Х										Х			Х									
BIOL	4392	Res Method Sci/Math (UTeach)	Х	Х									Х	Х		Х	Х								
BIOL	4398	Special Topics I	Х													Х									
BIOL	4399	Research Problems in Biology	Х										Х			Х									
BIOL	4400	Biological Communication	Х	Х			Х				Х		Х	Х		Х	Х		Х					Х	
BIOL	4402	Marine Zoology											Х												
BIOL	4404	Ichthyology											Х	Х											

Projected Course Offerings Spring 2018-Summer 2019

			Spr	ing 2	018	5	Sum I	2018	Sur	n II 2018	Fa	all 20	18	Spr	ing 2	019	5	Sum I	2019	Sur	n ll 2019
BIO	4405	Plant Physiology	В	Y	On	Б	E		Б	E On	Ъ	E	On	Ъ	X	On	Б	E		Б	E Or
BIOL	4407	Animal Parasitology	Y	~										Y	~						
BIOL	4408	Plant Pathology	^	v										^	v			_			
BIOL	4400	Herpetelegy		×							v				Ŷ			_			
BIOL	4409	Marino Botany		^							^	v			^			_			
BIOL	4410	Eco Physiology of Animals										×						_			
BIOL	4411	Ornithology	v	v								^		v	v			_			
BIOL	4412	Con Virology	^	^								v		^	^						
BIOL	4413	Plant Taxonomy										×									
BIOL	4414	Entomology		v								^			v						
	4415	Mammalagy	v	^								v		v	^						
BIOL	4410	Electron Microscopy	^									×		^							
BIOL	4410	Wildlife Ecology & Management									v	^									
BIOL	4423	Marina Ecology & Management	_	V							~				V					-	
BIOL	4420	Marine Ecology	_	~								V			~					-	
BIOL	4428	A measure and and	_									X								-	
BIOL	4429	Agroecology	V									X		V						-	
BIOL	4432	Animal Benavior	X											Х							
		Some Biology graduate co	ourse	rotat	ions	are	still	in devel	opme	ent. Tho	se co	ours	es a	re no	ot lis	ted I	nere	•			
BIOL	6101	Scientific Thinking	X	Х							Х	Х		Х	Х						
BIOL	6102	Scientific Writing	Х	Х							Х	Х		Х	Х						
BIOL	6185	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	6198	Topics in Biology									Х										
BIOL	6285	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	6305	Biometry	Х	Х							Х	Х		Х	Х						
BIOL	6365	Biological Research Problems	Х	Х							Х	Х		Х	Х						
BIOL	6385	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	6390	Biology Internship	Х	Х							Х	Х		Х	Х						
BIOL	6485	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	6585	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	6685	Graduate Research	Х	Х							Х	Х		Х	Х						
BIOL	7100	Thesis Proposal	X	X							X	X		X	X						
BIOL	7300	Thesis I	х	Х							Х	Х		х	Х						
BIOL	7301	Thesis II	X	X							X	X		X	X						
CHEM	1107	Chem for Engineers Lab		X								X			X						
CHEM	1111	General Chemistry I Lab	x	X		х	х		Х	х	х	X	х	х	X		х	х		X	x
CHEM	1112	General Chemistry II Lab	X	X	х	X	X		X	X	X	X	7.	X	X	х	X	X		X	X
CHEM	1307	Chemistry for Engineers	~	X	~	~	~		~	~	~	X		~	X	~	~	~		~	~
CHEM	1311	General Chemistry I	x	X		x	x		X	X	x	X	x	x	X		x	x		X	X
CHEM	1312	General Chemistry II	X	X		X	X		X	X	X	X	~	X	X		X	X		X	X
CHEM	2101	Analytical Chemistry Lab	X	X		X	X		~	~	X	X		X	X		X	X		~	~
CHEM	2101	Organic Chemistry Ll ab	×	X		x	X				Ŷ	X		Ŷ	X		×	X			
CHEM	2125	Organic Chemistry II Lab	×	X		^	^		Y	Y	×	X		Ŷ	×		^	^		Y	Y
CHEM	2301	Analytical Chemistry	Ŷ	×					^	^	Ŷ	×		Ŷ	Ŷ					^	^
	2301	Organia Chemistry	×								Ŷ	×		Ŷ	Ŷ						
	2323			X					V	V	×	×		×	×					V	V
	2323	Diganic Cheffilstry II Digabamistry II ab	X	X			v		X	A V	$\overline{\mathbf{v}}$	A V		~	A V			v		X	A V
	3103	Diochemistry I Lab	_	~			~			Χ	X	X			~			~			~
	3104	Physical Chemistry I Lab	-	V							X	X			V			_			
CHEM	3105	Physical Chemistry II Lab	×	X								X		X	X					-	
CHEM	3202	Inorganic Chemistry Lab	X	X								X		X	X						
CHEM	3301	Inorganic Chemistry	X	X								X		X	X						
CHEM	3303	Biocnemistry I	Х	Х			Х			Х	X	X		Х	Х			Х			Х
CHEM	3304	Physical Chemistry I									Х	X									
CHEM	3305	Physical Chemistry II		X								Х			X						
CHEM	3306	Polymer Sci & Engineering		Х											Х						
CHEM	3307	Biochemistry II		Х											Х						
CHEM	3308	Chemical Literature									Х										
CHEM	3401	Environmental Chemistry										Х									
CHEM	4101	Chemistry Seminar		Х								Х			Х						
CHEM	4104	Instrumental Analysis Lab	Х	Х										Х	Х						
CHEM	4105	Chemistry Capstone	Х	Х								Х		Х	Х						

Projected Course Offerings Spring 2018-Summer 2019

Definition Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>				Spi	ing 2018	S S	um l	2018	Sun	n II 2018	Fa	all 20 [.]	18	Spr	ing 2	2019		Sum I	2019	9	Sun	n II 20	019
OHEM 4020 Chem Mago A A <	CHEM	4201	Chomistry Broblems I	В	E Or	В	E	On Ot	в	E On	В	E	Un	В	E	On	В	E	On	Οt	в	E	On
OHEM 4030 Adv Bonchwattry Lah X A A X A A A A <td>CHEM</td> <td>4201</td> <td>Chemistry Problems I</td> <td>-</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>A Y</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td>	CHEM	4201	Chemistry Problems I	-	X						-	A Y			X				\vdash				
OHEM 401 Avb Rogenity A X	CHEM	4202	Adv Biochemistry Lab	v	~						-	^		v	~				\vdash				
OHEM 402 Av Bohmeiny X	CHEM	4200	Adv Inorganic Chemistry	~			_				Y	Y		~						_			
OHEM 403 Abr Organic Chemistry A A A A <td>CHEM</td> <td>4301</td> <td>Adv Biochemistry</td> <td>Y</td> <td>Y</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>^</td> <td>A Y</td> <td></td> <td>Y</td> <td>Y</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	CHEM	4301	Adv Biochemistry	Y	Y						^	A Y		Y	Y								
OHEM Signal Topics in Solominity X X X	CHEM	4302	Adv Diochemistry	^	^						-	^ V		^	^				\vdash				
Offens Name Instantional relegions X <th< td=""><td></td><td>4303</td><td></td><td>v</td><td>v</td><td></td><td>_</td><td></td><td></td><td></td><td>-</td><td>^</td><td></td><td>v</td><td>v</td><td></td><td></td><td></td><td>\vdash</td><td></td><td></td><td></td><td></td></th<>		4303		v	v		_				-	^		v	v				\vdash				
Chernel 1000 Decembra 1000 A </td <td>CHEM</td> <td>4304</td> <td>Special Topics in Biochomistry</td> <td></td> <td>×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>v</td> <td></td> <td>×</td> <td>×</td> <td></td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td>	CHEM	4304	Special Topics in Biochomistry		×						-	v		×	×				\vdash				
Olice Organization from the construction of th	CHEM	4300	Chomistry Internship	^	^						v	^		^	^				\vdash				
Ditter Grees replication containary A<	CHEM	4323	Special Topics in Chomistry	v	V		v				Ŷ	v		v	v			v	\vdash				
On Lew Low Low X	CHEM	6302	Environmental Chemistry	^	^		^				^	^ V		^	^			^	\vdash				
Onlew Docksman Docksman <thdocksman< th=""> Docksman <th< td=""><td>CHEM</td><td>6305</td><td>Biochomistry</td><td>-</td><td>v</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>^ V</td><td></td><td></td><td>v</td><td></td><td></td><td></td><td>\vdash</td><td></td><td></td><td></td><td></td></th<></thdocksman<>	CHEM	6305	Biochomistry	-	v						-	^ V			v				\vdash				
Onlew Onlew Onlew A <	CHEM	6320		-	×						-	^			×				\vdash				
Onten Observation A A <		6225	Physical Chemistry		×		_				-				Ň				\vdash				
One model Open Program Normal Program		6250	Sp Top in Applytical Cham	-	^							v			^				\vdash				
One M Ose M Op M Declemany A	CHEM	6290	Sp Top in Ricchomistry	-	V				_		-	^			v				\vdash				
Chelm Into Seminari II X		7101	Springer L	_	~							V			~				\mapsto				
Chelm /102 Seminar III X		7101	Seminar I	_	X		V			X		~			v			V	\mapsto			V	
Chelm 7103 Seminal in A A A A		7102	Seminar II	_	X		X			X		V			X			X	\mapsto			X	
Chelm 7300 Inessi I X Z <thz< th=""> <thz< th=""> <thz< th=""> Z <t< td=""><td>CHEM</td><td>7103</td><td></td><td>_</td><td>X</td><td></td><td>X</td><td></td><td>_</td><td>X</td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td>\vdash</td><td></td><td></td><td>X</td><td></td></t<></thz<></thz<></thz<>	CHEM	7103		_	X		X		_	X		X			X			X	\vdash			X	
CHEM 740 Intesti II X	CHEM	7300		_	X	-	X		_			X			X			X	\vdash				
ELMS 6100 Systems Schoole and Appl <td< td=""><td>CHEM</td><td>7301</td><td></td><td>_</td><td>X</td><td></td><td>Х</td><td></td><td>_</td><td></td><td></td><td>Х</td><td></td><td></td><td>Х</td><td></td><td></td><td>X</td><td>\longrightarrow</td><td></td><td></td><td></td><td></td></td<>	CHEM	7301		_	X		Х		_			Х			Х			X	$ \longrightarrow $				
ELMS 6195 Graduate Research x <td>EEMS</td> <td>6100</td> <td>Systems Science and Appl</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\rightarrow</td> <td></td> <td></td> <td></td> <td></td>	EEMS	6100	Systems Science and Appl	_							x								$ \rightarrow $				
LEMS 6199 System's Science issues x <t< td=""><td>EEMS</td><td>6185</td><td>Graduate Research</td><td>X</td><td>x</td><td></td><td></td><td></td><td></td><td></td><td>x</td><td>X</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td>\rightarrow</td><td></td><td></td><td></td><td></td></t<>	EEMS	6185	Graduate Research	X	x						x	X		х	х				$ \rightarrow $				
EEMS 6286 Graduate Research x <td>EEMS</td> <td>6199</td> <td>Systems Science Issues</td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td>	EEMS	6199	Systems Science Issues		x				_					х					\vdash				
EEMS 6300 Ecosystem Management x	EEMS	6285	Graduate Research	Х	x				_		х	Х		х	х				$ \rightarrow $				
EEMS 6310 Coastal and Deltaic Processes x	EEMS	6300	Ecosystem Management	Х					_						х				$ \rightarrow $				
EEMS 6320 Biogeochemistry x	EEMS	6310	Coastal and Deltaic Processes	_	x									х									
EEMS 6330 Hydrologic Systems x </td <td>EEMS</td> <td>6320</td> <td>Biogeochemistry</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td>	EEMS	6320	Biogeochemistry	_								х											
EEMS 6340 Adaptations to Aquatic Environ Image: Construction Imag	EEMS	6330	Hydrologic Systems	_	х									х									
EEMS 6350 Novel Ecosystems Image: Control of	EEMS	6340	Adaptations to Aquatic Environ									х											
EEMS 6355 Environmental Geophysics I Image: Control of C	EEMS	6350	Novel Ecosystems								х												
EEMS 6360 Food Science x	EEMS	6355	Environmental Geophysics I												х								
EEMS 6365 Nanotech for Food and Agri x	EEMS	6360	Food Science									х											
EEMS 6385 Graduate Research x <td>EEMS</td> <td>6365</td> <td>Nanotech for Food and Agri</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td>	EEMS	6365	Nanotech for Food and Agri									х											
EEMS 6386 Non-thesis Research x<	EEMS	6385	Graduate Research	х	x						х	х		х	х								
EEMS 6390 Graduate Internship x<	EEMS	6386	Non-thesis Research	х	x						х	х		х	х								
EEMS 6391 Supervised Teaching x <t< td=""><td>EEMS</td><td>6390</td><td>Graduate Internship</td><td>Х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	6390	Graduate Internship	Х	х						х	х		х	х								
EEMS 6485 Graduate Research x <td>EEMS</td> <td>6391</td> <td>Supervised Teaching</td> <td>х</td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td>х</td> <td></td> <td>х</td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	EEMS	6391	Supervised Teaching	х	х						х	х		х	х								
EEMS 6585 Graduate Research x	EEMS	6485	Graduate Research	х	х						х	х		х	х								
EEMS6685Graduate Researchxx <t< td=""><td>EEMS</td><td>6585</td><td>Graduate Research</td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	6585	Graduate Research	х	х						х	х		х	х								
EEMS6785Graduate Researchxx <t< td=""><td>EEMS</td><td>6685</td><td>Graduate Research</td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	6685	Graduate Research	х	х						х	х		х	х								
EEMS 6885 Graduate Research x <td>EEMS</td> <td>6785</td> <td>Graduate Research</td> <td>х</td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td>х</td> <td></td> <td>х</td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	EEMS	6785	Graduate Research	х	x						х	х		х	х								
EEMS6985Graduate Researchxx <t< td=""><td>EEMS</td><td>6885</td><td>Graduate Research</td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	6885	Graduate Research	х	х						х	х		х	х								
EEMS 7300 Thesis I x <t< td=""><td>EEMS</td><td>6985</td><td>Graduate Research</td><td>x</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	6985	Graduate Research	x	х						х	х		х	х								
EEMS7301Thesis IIxxx	EEMS	7300	Thesis I	х	х						х	х		х	х								
ENVR 1401 Intro to Envr Sci I x <t< td=""><td>EEMS</td><td>7301</td><td>Thesis II</td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td>х</td><td>х</td><td></td><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	EEMS	7301	Thesis II	х	х						х	х		х	х								
ENVR 1402 Intro to Envr Sci II x <	ENVR	1401	Intro to Envr Sci I				х				х	х						х					
ENVR3302Envr EthicsIII <td>ENVR</td> <td>1402</td> <td>Intro to Envr Sci II</td> <td>x</td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td> <td></td> <td></td> <td>х</td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td>	ENVR	1402	Intro to Envr Sci II	x	х					х				х	х							х	
ENVR3303Res Meth & Data An in Envr Scixxx <td>ENVR</td> <td>3302</td> <td>Envr Ethics</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td>	ENVR	3302	Envr Ethics								х												
ENVR 3304 Sustainable Development x <td>ENVR</td> <td>3303</td> <td>Res Meth & Data An in Envr Sci</td> <td></td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ENVR	3303	Res Meth & Data An in Envr Sci		х									х									
ENVR 3305 Sustainable Agriculture I <td>ENVR</td> <td>3304</td> <td>Sustainable Development</td> <td></td> <td>x</td> <td></td>	ENVR	3304	Sustainable Development		x																		
ENVR 3405 Oceanography I	ENVR	3305	Sustainable Agriculture									x											
ENVR 4301 Envr Regulations x <td>ENVR</td> <td>3405</td> <td>Oceanography</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>х</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\square</td> <td></td> <td></td> <td></td> <td></td>	ENVR	3405	Oceanography								х								\square				
ENVR 4302 Envr Impact Analysis x	ENVR	4301	Envr Regulations		x									x									
ENVR 4303 Envr Sci Res Proj x <	ENVR	4302	Envr Impact Analysis		x									x									
ENVR 4304 Envr Sci Internship x<	ENVR	4303	Envr Sci Res Proj		x x							x	х	x	х								
ENVR 4305 Env Sci Practicum x x x x ENVR 5350 Env Planning & Permitting x x x ENVR 6350 Env Management x x	ENVR	4304	Envr Sci Internship		X X							x	x	x	x								
ENVR 5350 Env Planning & Permitting x ENVR 6350 Env Management x	ENVR	4305	Env Sci Practicum		x									x					$ \rightarrow $				
ENVR 6350 Env Management x	ENVR	5350	Env Planning & Permitting		x						-								+				
	ENVR	6350	Env Management									x							[

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			Spr	ing 2	018	S	Sum I	1 201		Sur	n II 2	2018	Fa	all 20	18	Spr	ing 2	2019	5	Sum	1201	9	Sur	n II 2	019
	6450	Env Monitoring	В	E	On	В	E	On	Ot	В	E	On	В	E	On	В	E	On	В	E	On	Ot	В	E	On
	1202	Environitoring								-			X												
GEOG	1303	Prin of Coog Dhun Flom								-			X												
GEOG	2313	Cultural Coorrestantian Educate			х			X		-					X			X			X				
GEOG	3320	Cultural Geography for Educato	X							-						X									
GEOL	1403	Physical Geology	X	X			X			-			X	X		X	X			X					
GEOL	1404	Historical Geology	X	X						_	х		X	X		х	х						_	X	
GEOL	2271	Field Methods								_			X	X									_		
GEOL	3288	Lab Exp Teaching Geology		X						_							х								
GEOL	3402	Aydrologic Systems		X						_						X							_		
GEOL	3405									_			X										_		
GEOL	3408	Intro to GIS		X						_			X	X			х						_		
GEOL	3411									_				X									_		
GEOL	4302	Environmental Geology							_	_				х											
GEOL	4401	Adv GIS								_				х											
GEOL	5401	Geographic Information Systems											х												
MARS	2310	Marine Ecosystem Dynamics											х												
MARS	3320	Marine Biogeochemistry	Х							_						х									
MARS	3416	Coral Reef Ecology							х	_												X			
MARS	3430	Marine Biology Field Methods											х												
MARS	4199	Research Problems	Х	х									х	х		х	х								
MARS	4401	Marine Biology Seminar	х	х												х	х								
MARS	4410	Marine Botany											х	х											
MARS	4426	Marine Ecology		х													х								
MARS	4427	Marine Animal Field Studies	х													х									
MARS	4430	Coastal Ecology							х																
MARS	5410	Marine Plant Science												х											
MARS	6302	Marine Ecosytems Dynamics	х													х									
MATE	3300	Fund Elementary Math III	х	х									х	х			х								
MATE	3301	Fund Middle School Math		х										х		х				х					
MATE	3302	Fund Measurement & Geometry I		х									х	х						х					
MATE	3303	Fund Measurement & Geometry II					х									х	х								
MATE	3304	Fund Algebraic Stuctures					х										х								
MATE	3305	Fund Stats & Probability	х	х										х						х					
MATE	3306	Middle School Math Tech Envr								х	х						х								
MATE	3307	Fund Problem Solving		х									х	х										х	
MATE	3311	Fund Discrete Math	х											х											
MATE	3312	Fund Number Theory		х									х				х								
MATE	3313	Fund Math History												х											
MATE	3314	Fund Math Structures & Proc		х													х								
MATE	3317	Perspectives in Math & Sci		х							х		х	х			х							х	
MATE	3321	Functions & Modeling	х	х										х		х	х								
MATE	3322	Secondary Math in Tech Envr												х		х									
MATE	4319	Research Methods Mid Sc Math	х										х	х											
MATE	4329	Research Methods Sec Math		х									х				х								
MATE	4423	Adv Studies in Secondary Math												х		х									
MATH	0290	Prep for College Algebra NCBO				_							-	x					_			-			
MATH	0292	Prep for Statistics NCBO				_			-				-	x								-			
MATH	0314	Pre College Algebra Co Reg	x	x									x	x		x	x								
MATH	0320	Pre College Algebra Jumpstart	~	~						x	x		~	~		~	~						x	x	
MATH	0330	Pre Statistics Jumpstart							-	Y	x		-									-	Y	Y	
MATH	0332	Pre Contemporary Math Co Reg		x					-	~	~		x	x			x			-		-	~	^	
MATH	0340	Pre Contemporary Math Jump		~					-	Y	Y		^	~	-		~			-		<u> </u>	Y	Y	
МАТН	0342	Pre Statistics Co Reg	v	v					-	^	~		v	v		v	v						^	^	
МАТН	131/	College Algebra	×	×	Y	v	v	v	-	v	v	v	×	×	v	X	×	v	v	v	v	-	v	v	v
МАТЦ	1324	Math for Business & Soc Soi	X	×	~	X	×	X	-	X	X	X	×	×	×	X	X	X	×	X	X	<u> </u>	X	~	
	1324	Calculus for Rusiness & SOU SU		X			X		-		~			X			X			X		<u> </u>			
	1320	Contemporary Mathematica	~	X		¥.				_	X			X	~	~	X	~		~				X	
	1242	Elementory Statiatical Mathada	X	X	X	X	X		-		X		X	X	X	X	X	X	X	X		—		X	
	1342	Elementary Statistical Methods	X	X	X	Х	X	X		х	Х	X	X	X	X	Х	X	Х	X	X	X		X	X	X
	1343	Fund of Mothemotics		X						_				X			X								
	1330	I UTU UTWALTETTALICS I	Х	Х		X	Х				Х		х	х		Х	Х		х	х		1		Х	

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			Spi	ring 2	018	_ {	Sum	12018	Su	m II 2	2018	Fa	all 20	18	Spr	ing 2	2019	5	Sum	1201		Sur	n II 2	019
	1051		В	E	On	В	E	On Ot	i B	E	On	В	E	On	В	E	On	В	E	On	Ot	В	E	On
MATH	1351	Fund of Mathematics II	Х	х			х		х	х		х	х		х	х			х			х	х	
MATH	1414	College Algebra	X	х			Х		_	х		х	х		Х	х			Х				Х	
MATH	2305	Discrete Mathematics		х			_								х									
MATH	2318	Linear Algebra	X	х			х		Х			х	х		Х	х			Х			Х		
MATH	2334	Applied Stats for Health	_	х			_					х	х			х								
MATH	2346	Math for EE & CE	x	х								х	х		х	х								
MATH	2412	Precalculus	х	х	х	х	х		х	х		х	х	х	х	х	х	х	х			х	х	
MATH	2413	Calculus I	х	х	х	х	х		х	х		х	х	х	х	х	х	х	х			х	х	
MATH	2414	Calculus II	x	х		х	х		х	х		х	х		х	х		х	х			х	х	
MATH	2415	Calculus III	х	х		х	х		х	х		х	х		х	х		х	х			х	х	
MATH	3326	Hist of Mathematics		х												х								
MATH	3331	Applied Statistics I	x										х		х									
MATH	3332	Applied Statistics II	х												х									
MATH	3334	Sampling					х												х					
MATH	3335	Applied Regression											х											
MATH	3341	Diff Equations	x	х						x		х	х		х	x							х	
MATH	3343	Intro to Math Software	x	х								х	х		х	х								
MATH	3345	Linear Optimization											x											
MATH	3347	Elementary Cryptology		x			-						~			x			-		-			
MATH	3349	Numerical Methods		Y												Y								
МАТН	3350	Intro to Math Proof	v	v			-					v	v		v	×			-					
МАТН	3352	Modern Geometry I	Ŷ	×			-		-			Ŷ	Ŷ		×	×								
МАТН	3361	Applied Discrete Mathematics	~	^			-		-			^	~		×	^								
МАТН	3363	Modern Algebra I	~	v			-		-			v	~		^ V	v			-					
	2265	Number Theory	^	^ 			-		-			^	^		^ 	^			-					
	2272	Real Analysia I		X					-						X									
	2202	Actuarial Stat Estimatos	X	X			-		-			X	X		X	X								
	3383	Actuarial Stat Estimates	-	X			-												-					
	3385	A strength Financial Marth							_				X											
MATH	3386	Actuarial Financial Math	_				_									х								
MATH	4337	Probability & Statistics I	X	х								X	X		х	X								
MATH	4338	Probability & Statistics II	X				_									х								
MATH	4342	Complex Variables	_				_		_			х												
MATH	4344	Boundary Value Problems		х					_							х								
MATH	4346	Integral Transforms								х													х	
MATH	4352	Modern Geometry II																	х					
MATH	4355	Topology	х													х								
MATH	4357	Algebraic Geometry		х																				
MATH	4359	Diff Geometry													х									
MATH	4367	Adv Linear Algebra					х																	
MATH	4373	Real Analysis II											х											
MATH	4390	Math Project	х	х								х	х		х	х								
MATH	6305	History of Mathematics											х										х	
MATH	6307	Collegiate MathTeaching								х														
MATH	6309	Integrating Technology in Math														х								
MATH	6325	Contemporary Geometry														x								
MATH	6327	Math Modeling with Technology														x								
MATH	6328	Sp Topics:MathematicsTeaching				-	-			x														
MATH	6329	Number Theory		x		-	-			~						x			-					
МАТН	6330	Linear Algebra		^			-						v			^			-					
МАТН	6331	Algebra I				-	-						v											
МАТН	6332	Algebra II		v			-						^			v			-		-			
МАТН	6336	Advanced Sampling		^			-						v			~								
МАТН	6330	Complex Analysis																						
	6252						X												-					
	6252		-				-						X						-					
	0353	Analysis II Ordinany Differential Equation	_	X												Х			-					
MATH	0360	Druinary Differential Equation											Х											
MATH	6361	Partial Differential Equations	_	х			-									Х			-					
MATH	6362	Fourier Analysis	_													Х					L			
MATH	6363	Integrable Systems				L	_			х		L	L											
MATH	6364	Statistical Methods		X			1									Х			I					

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			Spr	ing 2	018	5	Sum	I 201	8	Sur	n II 2	2018	Fa	all 20	18	Spr	ing 2	2019	5	Sum	l 201		Sur	m II 2	019
			В	E	On	В	E	On	Ot	В	E	On	В	Е	On	В	E	On	В	E	On	Ot	В	E	On
MATH	6365	Probability & Statistics	_						_				_	х											
MATH	6367	Functional Analysis	_				х	_	_				_												
MATH	6370	Topology	_				_		_					х											
MATH	6375	Numerical Analysis	_	х			_	_	_					х											
MATH	6376	Num Methods for PDES	_										_							х					
MATH	6380	Time Series Analysis	_										_											Х	
MATH	6381	Mathematical Statistics	_				_	_	_											х					
MATH	6382	Statistical Computing	_				х	_	_				_												
MATH	6383	Exp Design & Categorical Data	_				_	_	_								х								
MATH	6384	Biostatistics	_				_	_	_															Х	
MATH	6385	Cryptology & Codes	_	х			_	_	_																
MATH	6387	Mathematical Modeling	_	х			_	_	_								х								
MATH	6388	Discrete Mathematics	_	х			_	_	_											х					
MATH	6389	Stochastic Analysis	_				_	_	_					х											
PHYS	1401	General Physics I	x	х	х	Х	х	х	_				х	х	х	х	х	х	х	х	х				
PHYS	1402	General Physics II	x	х	х		_	_	_	х	х	х	х	х	х	х	х	х					х	х	х
PHYS	2425	Phys Sci & Engineers I	х	х	х	х	х	х					х	х	х	х	х	х	х	х	х				
PHYS	2426	Phys Sci & Engineers II	х	х	х		_	_	_	х	х	х	х	х	х	х	х	х					х	х	х
PHYS	3301	Electromagnetic Theory I	_				_	_	_				х	х											
PHYS	3302	Electromagnetic Theory II	х	х			_	_	_				_			х	х								
PHYS	3303	Thermodynamics	_				_	_	_				х	х											
PHYS	3305	Classical Mechanics											х	х											
PHYS	3306	Intro to Biophysics	_						_				х	х											
PHYS	3308	Intro to Nanoscience	x	х					_				_			х	х								
PHYS	3311	Math Methods in Physics I											х	х											
PHYS	3312	Math Methods in Physics II	х	х			_	_	_				_			х	х								
PHYS	3402	Modern Physics	_						_				х	х											
PHYS	3404	Optics	х	х					_				_			х	х								
PHYS	4101	Laboratory Research	х	х					_				х	х		х	х								
PHYS	4201	Adv Physics Lab											х	х											
PHYS	4303	Quantum Mechanics I											х	х											
PHYS	4304	Quantum Mechanics II	x	х												х	х								
PHYS	4305	Statistical Mechanics	x	х												х	х								
PHYS	4309	Nuclear & Particle Physics	_				_	_	_				х	х											
PHYS	4315	Biomolec Analysis Phys Method	_				_	_	_				х	х											
PHYS	4380	Special Topics in Physics	х	х									х	х		х	х								
PHYS	4390	Comput Metho for Engin & Physi	х	х												х	х								
PHYS	5310	Classical Mechanics I											х	х											
PHYS	5320	Electrodynamics	_				_	_	_				х	х											
PHYS	5330	Statistical Mechanics	х	х			_	_	_				_			х	х								
PHYS	5340	Quantum Mechanics I	x	х			_		_							х	х								
PHYS	5360	Optics	_				_	_	_				х	х											
PHYS	5375	Structure of Biomolecules	_										х	x											
PHYS	5387	Special Topics in Physics	x	х			_		_				х	х		х	х								
PHYS	5392	Gravitational Wave Astronomy	x	х			_	_	_							х	х								
PHYS	5393	Intro to Gen Relativity & Grav	_				_	_	_				х	х											
PHYS	5394	Statistical Methods	x	х			_	_	_							х	х								
PHYS	5404	Physics by Inquiry I	_				_	_	_					х											
PHYS	5405	Physics by Inquiry II		Х			-	-	-								Х								
PHYS	6301	Topics in Physics			х		_	_	-				L					х							
PHYS	6330	Quantum Mechanics II						_	_				х	Х					L						
PHYS	6331	Solid State Physics	Х	Х				_	_					L		х	Х		L						
PHYS	6350	Mathematical Physics I						_	_				х	Х					L						
PHYS	6352	Computational Physics	Х	Х				_	_					L		х	Х		L						
PHYS	6362	Quantum Optics	Х	Х												Х	Х								
PHYS	6371	Thermodynamics of Biosystems	Х	Х				_	_					L		х	Х		L						
PHYS	6373	Statistical Physics in Biology						_	_				х	Х					L						
PHYS	6381	Introduction to Astrophysics											х	Х											
PHYS	6396	Graduate Research I	X	Х									х	Х		х	Х								
PHYS	6400	Astronomy by Sight						L						х											

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			Sp	pring 2018			Sum	I 201		Sur	n II 2	2018	Fa	all 20)18	Spr	ing 2	2019	5	Sum	I 201		Sur	n II 2	019
			В	E	E On B			On	Ot	В	E	On	В		On	В	Е	On	В		On	Ot	В	Е	On
PHYS	7300	Thesis I	х	х									х	х		х	х								
PHYS	7301	Thesis II	х	х									х	х		х	х								
PSCI	1421	Phys Sci I		х	х		х	х						х	х		х	х		х	х				
PSCI	1422	Phys Sci II		х	х						х	х		х	х		х	х						х	х
PSCI	4210	Phys Sci for Ed I	х													х									
PSCI	4220	Phys Sci for Ed II											х												
PSCI	5310	Physical Science for Teachers	х													х									
PSCI	5320	Physical Sci for Teacher II											х												
PSCI	5330	PSCI for HS Teachers I											х												
PSCI	5340	PSCI for HS Teachers II	х													х									